

REPUBLIC OF KENYA



EMBU COUNTY

**COUNTY INTEGRATED DEVELOPMENT
PLAN
2013-2018**

Vision

A Prosperous, Wealthy and Secure County

Mission

To improve livelihoods through provision of suitable infrastructure, investment opportunities, legislation and security, while maintaining sustainable environmental management practices

APRIL, 2014

KENYA

VISION 2030
Towards a Globally Competitive and Prosperous Kenya

Our Vision

A Prosperous, Wealthy and Secure County

Our Mission

To improve livelihoods through provision of suitable infrastructure, investment opportunities, legislation and security, while maintaining sustainable environmental management practices

TABLE OF CONTENTS

LIST OF TABLES	V
LIST OF FIGURES	V
LIST OF MAPS	V
ABBREVIATIONS AND ACRONYMS	V
PREFACE AND ACKNOWLEDGEMENTS	X
EXECUTIVE SUMMARY	XII
CHAPTER ONE: COUNTY BACKGROUND INFORMATION	1
INTRODUCTION	2
1.1 LOCATION AND SIZE	2
1.2 PHYSIOGRAPHIC AND NATURAL CONDITIONS	3
1.3 ADMINISTRATIVE AND POLITICAL UNITS	6
1.4 DEMOGRAPHIC FEATURES	9
1.5 HUMAN DEVELOPMENT INDICATORS	16
1.6 INFRASTRUCTURE AND ACCESS	17
1.7 LAND AND LAND USE	29
1.8 COMMUNITY ORGANIZATIONS/NON-STATE ACTORS	33
1.9 CROP, LIVESTOCK AND FISH PRODUCTION	36
1.10 FORESTRY AND AGRO FORESTRY	39
1.11 ENVIRONMENT AND CLIMATE CHANGE	44
1.12 MINING	53
1.13 TOURISM	55
<i>SOURCE: EMBU COUNTY TOURISM DEPARTMENT, 2013</i>	59
1.14 INDUSTRY	59
1.15 EMPLOYMENT AND OTHER SOURCES OF INCOME	63
1.16 WATER AND SANITATION	64
1.17 HEALTH ACCESS AND NUTRITION	66
1.18 EDUCATION AND LITERACY	68
CHAPTER TWO:	70
COUNTY SOCIO-ECONOMIC DEVELOPMENT, CHALLENGES AND STRATEGIES	70
2.1 MAJOR DEVELOPMENT CHALLENGES	71
2.2 CROSS CUTTING ISSUES	73
2.3 ANALYSIS OF ISSUES AND CAUSES	86
CHAPTER THREE: COUNTY SPATIAL FRAMEWORK	93
(THE COUNTY GOVERNMENT IS IN THE PROCESS OF DEVELOPING A SPATIAL PLAN. THIS PLAN WILL BE ACCESSED VIDE THE COUNTY WEBSITE: WWW.EMBU.GO.KE. IT WILL ALSO BE AVAILABLE IN SOFT AND HARD COPIES AT COUNTY ASSEMBLY OF EMBU.)	
CHAPTER FOUR: LINKAGES WITH OTHER PLANS	94
4.0 INTRODUCTION	95
4.1 INTEGRATED DEVELOPMENT PLANNING	95
4.2 LEGISLATION ON INTEGRATED PLANNING IN KENYA	95
4.3 CIDP LINKAGES WITH KENYA VISION 2030 AND MEDIUM TERM PLANS	96
4.4 CIDP LINKAGES WITH THE CONSTITUTION OF KENYA, 2010	99
4.5 IMPLEMENTATION OF THE MILLENNIUM DEVELOPMENT GOALS AT THE COUNTY LEVEL	100
4.6.1 AGRICULTURE, LIVESTOCK, FISHERIES AND CO-OPERATIVE DEVELOPMENT	ERROR! BOOKMARK NOT DEFINED.
4.6.2 INVESTMENT AND INDUSTRIALIZATION	ERROR! BOOKMARK NOT DEFINED.
4.6.3 INFRASTRUCTURE, PUBLIC WORKS AND HOUSING	104

4.6.4 LANDS, WATER, ENVIRONMENT AND NATURAL RESOURCES	104
4.6.5 HEALTH	ERROR! BOOKMARK NOT DEFINED.
4.6.6 EDUCATION, SCIENCE AND TECHNOLOGY AND ICT	ERROR! BOOKMARK NOT DEFINED.
4.6.7 TRADE AND TOURISM	ERROR! BOOKMARK NOT DEFINED.
4.6.8 YOUTH AND SPORTS	ERROR! BOOKMARK NOT DEFINED.
4.6.9 SOCIAL PROTECTION CULTURE AND RECREATION	ERROR! BOOKMARK NOT DEFINED.
IMPLEMENTATION FRAMEWORK	104
5.0 INTRODUCTION	105
5.1 ORGANIZATIONAL FLOW	105
CHAPTER SIX: RESOURCE MOBILIZATION FRAMEWORK	110
6.0 INTRODUCTION	111
6.1 CAPITAL PROJECTS FUNDING	111
6.2 STRATEGIES FOR RAISING REVENUE	111
6.3 ASSETS AND FINANCIAL MANAGEMENT	112
6.4 ALLOCATION FROM THE NATIONAL GOVERNMENT	113
CHAPTER SEVEN: DEVELOPMENT PRIORITY PROGRAMMES AND PROJECTS	116
7.0 INTRODUCTION	117
7.1 AGRICULTURE, LIVESTOCK, FISHERIES AND CO-OPERATIVE DEVELOPMENT ..	ERROR! BOOKMARK NOT DEFINED.
7.3 INFRASTRUCTURE, PUBLIC WORKS AND HOUSING	156
7.4 LANDS, WATER, ENVIRONMENT AND NATURAL RESOURCES	186
7.5 HEALTH	ERROR! BOOKMARK NOT DEFINED.
7.6 EDUCATION, SCIENCE AND TECHNOLOGY AND ICT	215
7.7 TRADE AND TOURISM	228
7.8 YOUTH AND SPORTS	241
7.9 SOCIAL PROTECTION CULTURE AND RECREATION	248
CHAPTER EIGHT: IMPLEMENTATION, MONITORING AND EVALUATION	261
8.0 INTRODUCTION	262
8.1 INSTITUTIONAL FRAMEWORK FOR MONITORING AND EVALUATION IN THE COUNTY	262
8.2 IMPLEMENTATION, MONITORING AND EVALUATION MATRIX	262
APPENDICES	372
ANNEX 1: FINANCIAL INSTITUTIONS	372
ANNEX 2: ECDE, PRIMARY, SECONDARY SCHOOLS AND POLYTECHNICS	374
ANNEX 3: LIST OF HEALTH FACILITIES	400
ANNEX 4: LIST OF HERBALISTS	407
ANNEX 5: LIST OF CO-OPERATIVE SOCIETIES	408
ANNEX 6: SELF HELP, WOMEN AND YOUTH GROUPS	412
ANNEX 7: HERITAGE SITES AND MONUMENTS	416

LIST OF TABLES

Table 1: Administrative units by area	6
Table 2: Constituencies and Wards	7
Table 3: Population Projection by age Cohorts.....	9
Table 4: population projection by special age groups	12
Table 5: Population Projections by Urban Centres	13
Table 6: Projected Population Distribution and Density by Constituency	14
Table 7: Population Distribution by Ward	14
Table 8: Disability by type in the County	15
Table 9: Post Offices in the County.....	19
Table 10: Tertiary Institutions	23
Table 11: HEP Production levels	24
Table 27: List of Water Service providers.....	64

LIST OF FIGURES

Figure 1: Population pyramid for Embu County.....	11
Figure 2: Number of ECDE centres by Sub-county	20
Figure 3: Number of Primary Schools by Sub-county	21
Figure 4: Number of Secondary Schools by Sub-county	22
Figure 5: Markets and Urban Centres	Error! Bookmark not defined.
Figure 6: Main land use patterns	30

LIST OF MAPS

Map 1: Location of the County in Kenya	3
Map 2: Agro-ecological zones in the County	5
Map 3: Embu County Political Boundaries	8

ABBREVIATIONS AND ACRONYMS

ACK	Anglican Church of Kenya
ADB	African Development Bank
AIDS	Acquired Immune Deficiency Syndrome
ANC	Ante Natal Care
APHIA	Aids Population and Health Integrated Assistance
ART	Anti Retroviral Therapy
ARV	Anti-Retroviral
ASALs	Arid and Semi Arid Lands
BIMAS	Business Initiative and Management Assistance Services
BOG	Board of Governors
BPO	Business Process Outsourcing

CACCs	Constituency Aids Control Committees
CAIS	
CBO	Community Based Organization
CDP	County Development Profile
CIDP	County Integrated Development Plan
CDC	County Development Committee
CDF	Constituencies Development Fund
CDTF	Community Development Trust Fund
CEC	County Executive Committee
CLRC	Community Learners Resource Centre
CMEC	County Monitoring and Evaluation Committee
CSOs	Civil Society Organisations
DOE	Diocese of Embu
DPT	Diphtheria Pneumonia and Tetanus
DSG	District Steering Group
EA	Environmental Audit
EAST College	Embu Agricultural Staff Training College
ECD	Early Childhood Development
ECDE	Early Childhood Development Education
EIA	Environmental Impact Assessment
EMCA	Environmental Management and Coordination Ac
EWASCO	Embu Water and Sanitation Company
FBO	Faith Based Organization
FCS	Farmers Cooperative Society
FDA	Focal Development Area
FPE	Free Primary Education
FSE	Free Secondary Education
FY	Financial Year
GDP	Gross Domestic Product
GoK	Government of Kenya
GPS	Geographic Positioning System
Ha	Hectares
HDI	Human Development Indicator
HDR	Human Development Report
HEP	Hydro Electric Power
HHs	Households
HIV	Human Immune-Deficiency Virus
ICT	Information and Communication Technology
IFAD	International Fund for Agricultural Development

IGAs	Income Generating Activities
IPCC	Inter Governmental Panel on Climate Change
IMR	Infant Mortality Rate
ITNs	Insecticide Treated Nets
JICA	Japan International Corporation Agency
KARI	Kenya Agricultural Research Institute
KENSUP	Kenya Slum Upgrading Programme
KCB	Kenya Commercial Bank
KCC	Kenya Co-operative Creameries
KDB	Kenya Dairy Board
KDHS	Kenya Demographic Health Survey
KEPHIS	Kenya Plant Health Inspectorate
KeRRA	Kenya Rural Roads Authority
KFS	Kenya Forest Service
Kgs	Kilograms
KIHBS	Kenya Integrated Household Budget Survey
Km	Kilometres
KNBS	Kenya National Bureau of Statistics
KPLC	Kenya Power and Lighting Company
KTDA	Kenya Tea Development Authority
KUMEA	Kujenga Maisha East Africa
KWS	Kenya Wildlife Service
LAPSSET	Lamu Port Southern Sudan Ethiopia Transport
LPG	Liquefied Petroleum Gas
M&E	Monitoring and Evaluation
MDGs	Millennium Development Goals
MKEPP	Mt. Kenya East Pilot Project
MoE	Ministry of Education
MoH	Ministry of Health
MoA	Ministry of Agriculture
MSMEs	Micro, Small, and Medium Enterprises
MTEF	Medium Term Expenditure Framework
MTP	Medium Term Plan
MW	MegaWatt
NACC	National AIDs Control Council
NCCS	National Council for Children Services
NCPB	National Cereals and Produce Board
NEMA	National Environmental Management Authority
NGO	Non Governmental Organization
NRM	Natural Resource Management
NIMES	National Integrated Monitoring and Evaluation System

OVC	Orphans and Vulnerable Children
PFM	Public Finance Management
PLWD	People Living With Disability
PLWHA	People Living With HIV Aids
PMTCT	Prevention of Mother to Child Transmission
PPP	Public Private Partnership
RUA	River Users Association
SACCOS	Savings and Credit Cooperative Society
SCAO	Sub County Agricultural Office
SHEPUP	Small Holder Horticulture Empowerment and Promotion Unit Project
SIDA	Swedish International Development Agency
STI	Science Technology and Innovation
STIs	Sexually Transmitted Infections
SWAK	Society for Women and AIDS in Kenya
SWOT	Strengths Weaknesses Opportunities and Threats
TARDA	Tana Athi Rivers Development Authority
TB	Tuberculosis
TSC	Teachers Service Commission
UN	United Nations
UNEP	United Nation Environment Programme
UPAP	Urban and Peri-Urban Agricultural Project
UTaNRM	Upper Tana Natural Resource Management Project
VCT	Voluntary Counselling and Testing
WASH	Water Sanitation and Hygiene
WEF	Women Enterprise Funds
WRUA	Water Resources Users Association
SHOHMAP	Small Holder Horticulture Marketing Programme

FOREWORD

The Constitution of Kenya 2010 provides for two distinct and interdependent levels of government – the national and the county governments. The Constitution article 220(2) makes it mandatory for every County to prepare Development Plans. The County Governments Act, 2012 states that each county shall prepare a County Integrated Development Plan (CIDP) which shall be the basis for all budgeting and spending of public funds. In addition, every county government is expected to plan for the county and no public funds shall be appropriated outside a planning framework developed by the county executive committee and approved by the county assembly. The county integrated plan focuses on economic, physical, social, environmental and spatial planning.

According to the Public Finance Management Act, 2012 the budget process for county governments in any financial year shall begin with an integrated development planning process which shall include both long term and medium term planning which will in turn inform the county budget estimates and establish financial and economic priorities for the county over the short, medium and long term. The purpose of the CIDPs is to provide comprehensive guidelines in budgeting, project funding, monitoring and evaluation of all the projects for the next five years.

The first CIDP for Embu County is a historical milestone. Apart from providing comprehensive guidelines in project identification, implementation and evaluation, it also facilitates proper coordination with the national government and other stakeholders in order to improve the well-being of the county citizens. In addition, the integrated development planning framework formulated will enhance linkage between policy, planning and budgeting.

The projects and programmes in this CIDP were identified through various consultative forums at the county level as provided for in the County Governments Act 2012. This was done through public participation forums which included electronic media sessions through local radio programmes, MTP II consultations as well as those on the county Medium Term Expenditure Framework. At the beginning of every financial year, annual work plans will be drawn to outline projects to be undertaken during that year.

It is my expectation that increased participation by a wide cross section of the people during identification, planning, implementation and monitoring and evaluation of projects and programmes will empower the people of Embu to their realize social, political and economic development.

H.E MARTIN NYAGA WAMBORA
GORVERNOR, EMBU COUNTY

PREFACE AND ACKNOWLEDGEMENTS

This first County Integrated Development Plan for the period 2013 – 2018 was prepared by the County Budgeting team in collaboration with The County Planning team. The C.I.D.P is a product of intensive and broad based participations and consultations among the various sector stakeholders working in Embu County. They have given the much needed input towards ensuring the material content that formed the integral part of this C.I.D.P was available.

The various departmental heads at the county level from both the central government and Embu county government as well as members of various sector working groups gave their much valued input that made the process a success. Invaluable effort was also made by members of the public through the various public forums held to deliberate on this document. In this regards, consultations were held at the Sub County/ Constituency levels across Embu County and the deliberations from these forums have been factored in this document.

I would wish to express special thanks to the following for their valued dedication and input in the production of this document:

1. The Interim County Budget Officer Mr. Eric Njiru Kinyua for his leadership and contribution to the process.
2. Mrs. Joyce Kariuki; The Transition Authority County Co-ordinator, Mr. Joseph Mugi; The County Budget Co-ordinator, Mr. Kamau Wachiuri; The Interim Principal Finance Officer for their valued guidance and assistance in the exercise that yielded to this document.
3. Mr. Lawrence Nzioka; The County Director of Planning, Mr. Mmbai Keya; The County Director of Physical Planning, Mr. Robert Nzuli; The County Director of Statistics and their able team of Sub County Development and Planning Officers namely Mr. Linus Mugambi, Mr. John Mucira Njeru, Mr. Muli Lova and Mr. Joshua Mwangi for burning the midnight oil to see the success of this process. In addition, I further wish to acknowledge other members of this team including Mr. Ng'ang'a Njiru, Mr. Nahashon Murimi,

Mr. Paul Kiamba and Mr. Nahashon Mucheru for their input in mapping and editing of this document

The C.I.D.P has also been prepared in line with The National blueprint i.e. The Kenya Vision 2030, Millennium Development Goals, The Constitution of Kenya 2010 and the various ACTS of Parliament that guide devolution as well as contribution from The Embu County Governor's Manifesto. It articulates objectives further brought out as Projects, Programmes and the various strategies which when implemented will ensure effective and efficient delivery of services to the people of Embu County. The Transition Authority provided appropriate guidelines that guided the preparation of this document.

It is my prayer that this plan is diligently implemented to ensure service delivery to the citizens of Embu County.

MR. JOHN NJAGI
COUNTY EXECUTIVE MEMBER; FINANCE AND PLANNING
EMBU COUNTY

EXECUTIVE SUMMARY

Embu County is one created under the Kenya Constitution 2010. It is one of the nine counties in Eastern region of the Republic of Kenya and occupies a total area of 2,818 sq.Km. It borders Kirinyaga County to the West, Kitui County to the East, Machakos County to the South, Murang'a County to the South West, Tharaka Nithi County to the North and Meru to the North West. Embu County is located approximately between latitude 0° 8' and 0° 50' South and longitude 37° 3' and 37° 9' East.

The County Integrated Development Plan has been prepared in line with Vision 2030 and the County Government Act 2012. The aim of Kenya vision 2030 is to create a globally competitive and prosperous country with a high quality of life by the year 2030. The Vision is based on three pillars namely; the economic pillar, the social pillar and the political pillar. The Vision is anchored on a number of foundations such as, macroeconomic stability; continuity in governance reforms; enhanced equity and wealth creation opportunities for the poor; infrastructure; energy; science, technology and innovation (STI); land reform; human resources development; security as well as public sector reforms. The Vision 2030 is being implemented in successive five year Medium Term plans with the first plan covering the period 2008-2012. The Medium term plan articulates medium term policies and objectives to be implemented under the Medium Term Expenditure Framework (MTEF).

The process of identifying the projects and programmes to be undertaken over the next five years involved the participation of the county constituents to find the best solutions to achieve participative, equitable and sustainable long-term development. It aims to co-ordinate the work of local and other spheres of government in a coherent plan to improve the quality of life for all the people living in the County. Through this process the efforts at national and devolved levels of government and other relevant public institutions are coordinated at local level with due consideration to the economic, social, environmental, legal and spatial aspects of development for the benefit of local communities. In addition, the plan aims to protect the right to self-fulfilment within the county communities and with responsibility to future generations.

In developing the CIDP, references were made to the provisions of the County Government Act, 2012; Transition to Devolved Government Act (2012); Urban Areas and Cities Act, 2011; and the Public Finance Management Act (PFMA), 2012. The first chapter describes the general information about the county. Chapter two

describes the County socio-economic development challenges and strategies while chapter three gives spatial framework within which development projects and programmes will be implemented. Chapter four describes the CIDP linkages with other county plans, and chapter five provides the institutional frame work for implementing the projects. Chapter six provides the resource mobilization framework while the county development programmes and projects priorities are given in chapter seven. The last chapter outlines how programmes and projects will be monitored and evaluated in compliance with Section 108(1) (c) of the County Government Act.

**CHAPTER ONE:
COUNTY BACKGROUND INFORMATION**

INTRODUCTION

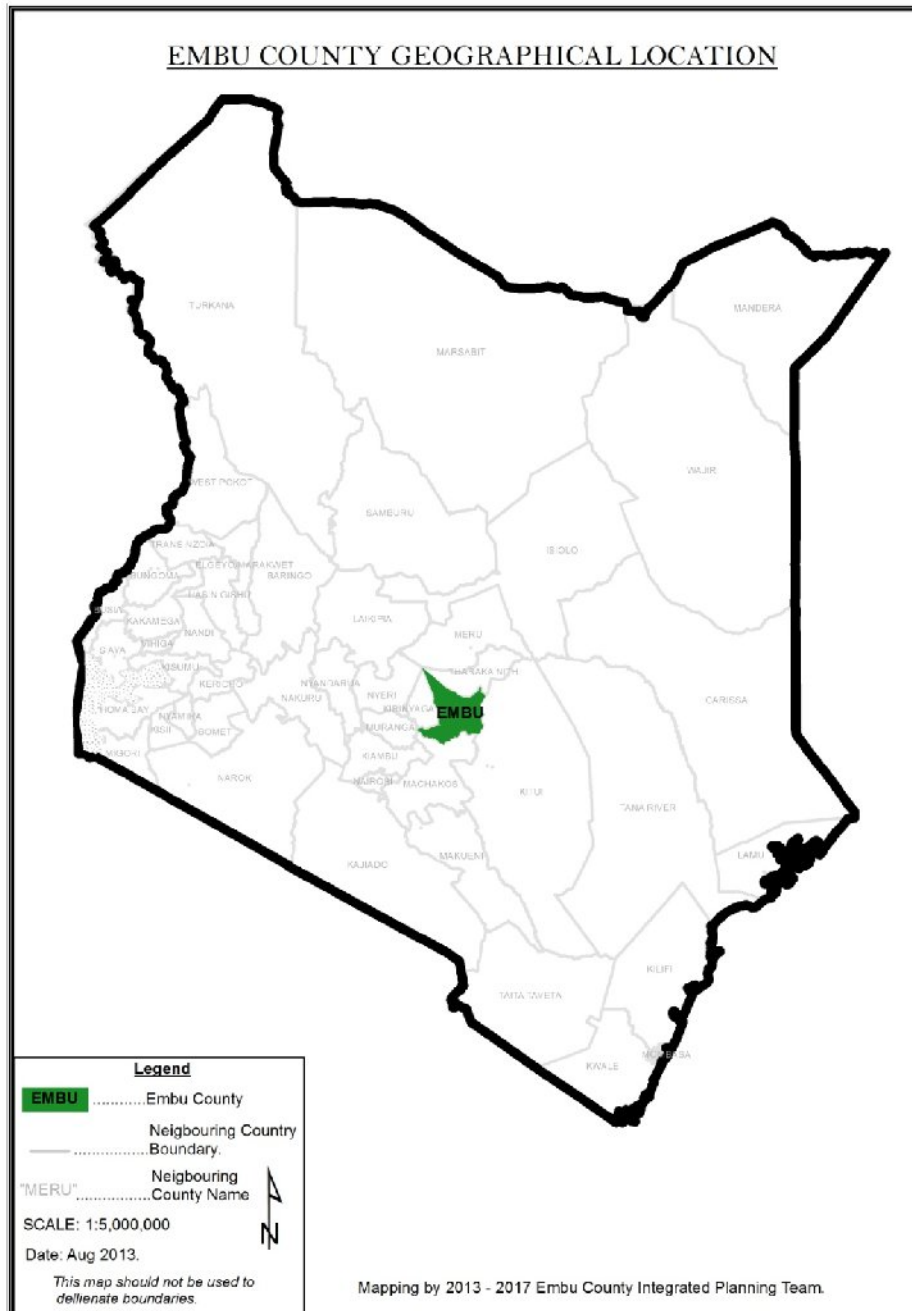
The purpose of this chapter is to give an in-depth understanding of the county in terms of the existing physical, social, economic, and environmental trends in development. It provides the background information on socio-economic and infrastructural information that affects development of the county. It further describes the county in terms of the location, size, physiographic and natural conditions, demographic profiles as well as the administrative and political units. In addition, it provides information on infrastructure and access; land and land use; crop, livestock and fish production; forestry, environment and climate change; mining; tourism; employment and other sources of income.

1.1 Location and Size

Embu County is located approximately between latitude 0° 8' and 0° 50' South and longitude 37° 3' and 37° 9' East. It borders Kirinyaga County to the West, Kitui County to the East, Machakos County to the South, Murang'a County to the South West, Tharaka Nithi County to the North and Meru to the North West. The county is divided into four constituencies, namely; Runyenjes, Manyatta, Mbeere South and Mbeere North covering a total area of 2,818 sq. km.

Embu County depicts two distinct areas with different agro-climatic and natural characteristics. The upper area around Mount Kenya consists of Runyenjes and Manyatta constituencies, while the lower part consists of Mbeere North and Mbeere South constituencies. The county is traversed by road B6 (Makutano -Meru), which is the major transport spine and passes through major urban centres in the county such as Embu and Runyenjes. Parts of its borders are defined by permanent rivers such as the Tana, Ruingazi, Kii and Thuci. The county is one of the five whose borders extend to the top of Mount Kenya, the second highest Mountain in Africa at 5199m.

Map 1: Location of the County in Kenya



Source: County Planning office, Embu 2013

1.2 Physiographic and Natural Conditions

1.2.1 Physical and Topographical Features

Embu County is characterised by highlands and lowlands and slopes from North-West towards East and South-East with a few isolated hills such as Kiambere and

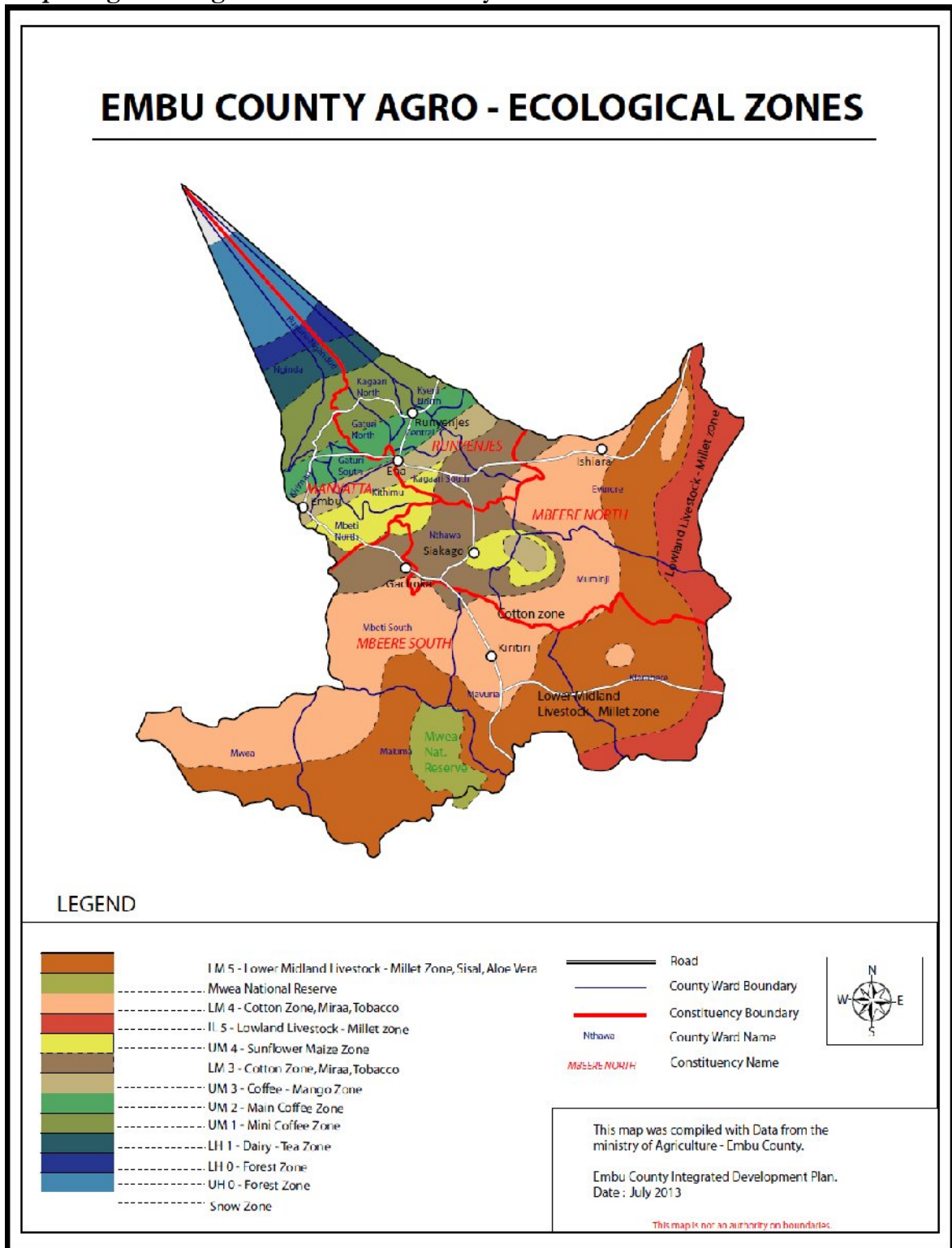
Kiang'ombe. It rises from about 515m above sea level at the River Tana Basin in the East to 5,199m at the top of Mt. Kenya in the North West. The southern part of the county is covered by Mwea plains which rise northwards, culminating in hills and valleys to the northern and eastern parts of the county. There are also steep slopes at the foot of Mt. Kenya.

The County is served by six major rivers which are Thuci, Tana, Kii, Ruingazi, Thiba and Ena. There are also some major dams which generate hydroelectric power for the country that are partly in the county. These include Masinga, Kiambere, Kindaruma and Gitaru dams which are situated along the Tana River. The most conspicuous physical features in the county are Mt. Kenya, Kiang'ombe hills, Kiambere hills, Mwea game reserve, River Tana, Masinga dam, Kamburu dam, Kindaruma dam, Kiambere dam and Gitaru dam.

1.2.2 Ecological Conditions

Embu County shows the typical agro-ecological profile of the windward side of Mt. Kenya, from cold and wet upper zones to hot and dry lower zones in the Tana River Basin. The average annual rainfall reflects this contrast: from more than 2200 mm at 2500 m to less than 600 mm near the Tana River at 700 m (Farm Management Handbook 2006, p.87). The variation is mainly due to the mountain but also to the "water recycling" effect of the forest by evapo-transpiration. Above 2500 m, rainfall decreases due to the lower moisture content of the colder air and the stronger influence of the trade wind system, but nevertheless the area is still very wet.

Map 2: Agro-ecological zones in the County



1.2.3 Climatic Conditions

The rainfall pattern is bi-modal with two distinct rain seasons. Long rains occur between March and June while the short rains fall between October and December. Rainfall quantity received varies with altitude averaging to about 1,067.5 mm annually and ranging from 640 mm in some areas to as high as 1,495 mm per annum. Temperatures range from a minimum of 12°C in July to a maximum of 30°C in March with a mean average of 21°C.

The extensive altitudinal range of the county influences temperatures that range from 20°C to 30°C. July is usually the coldest month with an average monthly temperature of 15°C while September is the warmest month with an average monthly temperature rising to 27.1°C. There is however localised climate in some parts of the county especially the southern region due to their proximity to the Kiambere, Masinga, Kamburu and Kindaruma dams.

1.3 Administrative and Political Units

1.3.1 Administrative Units

The county is divided into four (4) Sub-counties namely; Manyatta, Runyenjes, Mbeere North and Mbeere South.

Table 1: Administrative units by area

Sub-county	Divisions	Area (Km ²)
Manyatta	Central	69.5
	Nembure	87.7
	Manyatta	111.7
Runyenjes	Runyenjes	153.4
	Kyeni	100.4
Mbeere South	Gachoka	297.6
	Mwea	172.7
	Makima	342.2
	Kiritiri	508.9
Mbeere North	Evurore	409.8
	Siakago	361.3
Mt. Kenya Forest	-	202.8
Total	Total	2818

Source: KNBS, Population and Housing Census, 2009

1.3.2 Political Units

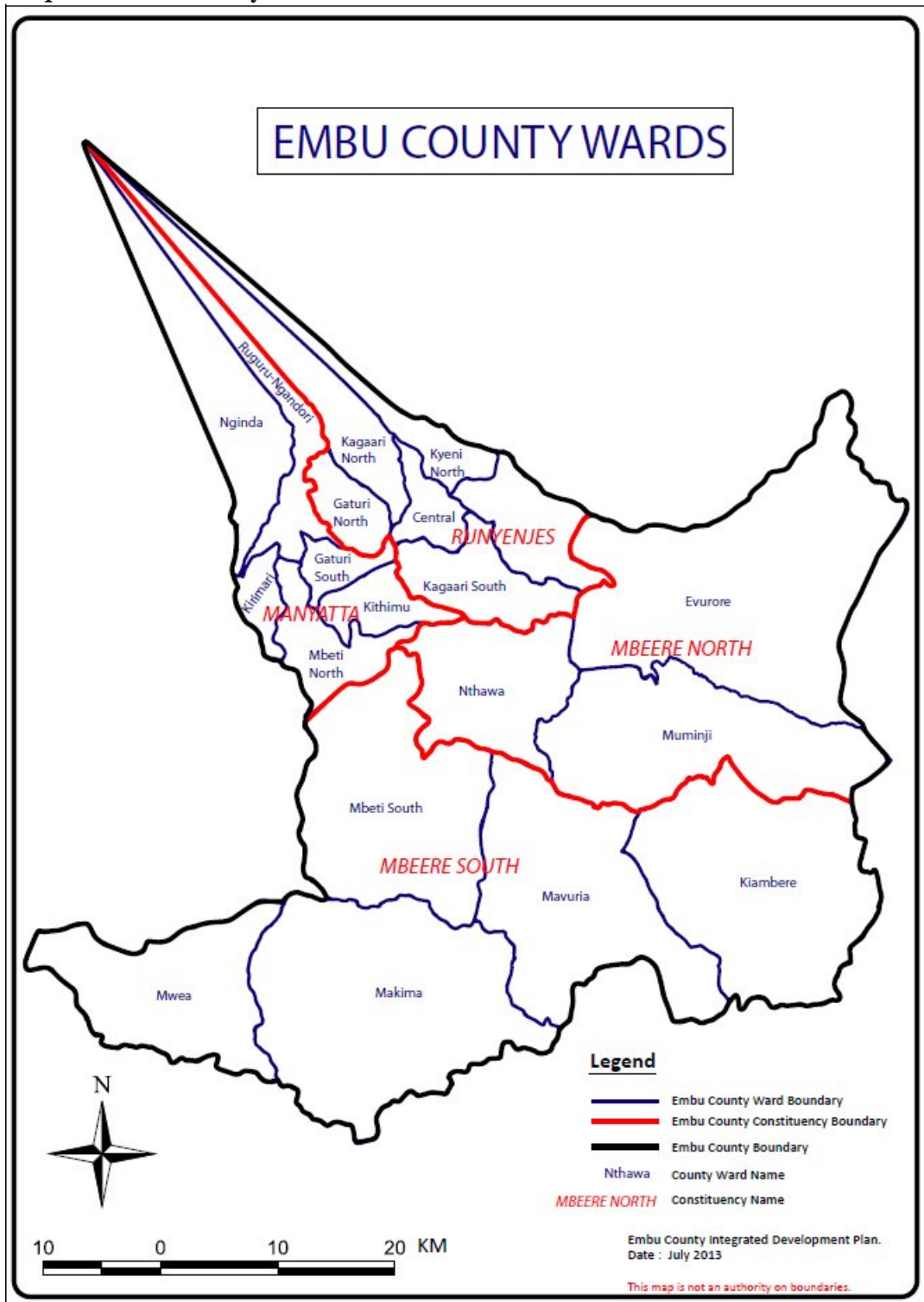
Embu County has 4 constituencies, namely Runyenjes, Manyatta, Mbeere North and Mbeere South; and 20 wards as highlighted in **Table 2** below:

Table 2: Constituencies and Wards

CONSTITUENCY	COUNTY WARD
MANYATTA	RUGURU-NGANDORI
	KITHIMU
	NGINDA
	MBETI NORTH
	KIRIMARI
	GATURI SOUTH
RUNYENJES	GATURI NORTH
	KAGAARI SOUTH
	RUNYENJES CENTRAL
	KAGAARI NORTH
	KYENI NORTH
	KYENI SOUTH
MBEERE SOUTH	MWEA
	MAKIMA
	MBETI SOUTH
	MAVURIA
	KIAMBERE
MBEERE NORTH	NTHAWA
	MUMINJI
	EVURORE

Source: IEBC, 2012

Map 3: Embu County Political Boundaries



Source: IEBC, 2012

1.4 Demographic Features

1.4.1 Population Size and Composition

The 2009 Population and Housing Census recorded a population of 516,212 persons for Embu County consisting of 254,303 males and 261,909 females. This population is projected to rise to 545,947 in 2013; 561,446 persons in 2015 and 577,390 persons in 2017 at population growth rate of 1.4% per annum.

Table 3 below shows the population projection by gender and age Cohorts for the County.

Table 3: Population Projection by age Cohorts

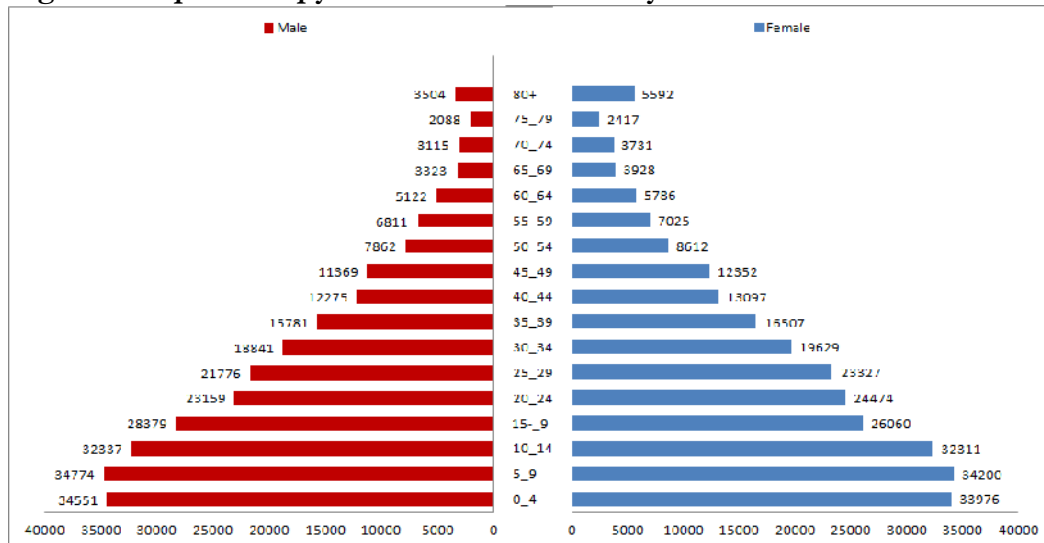
Age Cohort	2009 (Census)			2013 (projections)			2015 (projections)			2017 (projections)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	33,130	32,579	65,709	35,038	34,455	69,493	36,033	35,434	71,467	37,056	36,440	73,496
5-9	33,344	32,793	66,137	35,265	34,682	69,947	36,266	35,667	71,933	37,296	36,679	73,975
10-14	31,007	30,982	61,989	32,793	32,766	65,559	33,724	33,697	67,421	34,682	34,654	69,336
15-19	27,212	24,988	52,200	28,779	26,427	55,206	29,597	27,178	56,775	30,437	27,949	58,386
20-24	22,206	23,467	45,673	23,485	24,819	48,304	24,152	25,523	49,675	24,838	26,248	51,086
25-29	20,880	22,368	43,248	22,083	23,656	45,739	22,710	24,328	47,038	23,355	25,019	48,374
30-34	18,066	18,822	36,888	19,107	19,906	39,013	19,649	20,471	40,120	20,207	21,053	41,260
35-39	15,132	15,828	30,960	16,004	16,740	32,744	16,458	17,215	33,673	16,925	17,704	34,629
40-44	11,770	12,558	24,328	12,448	13,281	25,729	12,801	13,658	26,459	13,165	14,046	27,211
45-49	10,901	11,844	22,745	11,529	12,526	24,055	11,856	12,882	24,738	12,193	13,248	25,441
50-54	7,539	8,258	15,797	7,973	8,734	16,707	8,200	8,982	17,182	8,432	9,237	17,669
55-59	6,531	6,736	13,267	6,907	7,124	14,031	7,103	7,326	14,429	7,305	7,534	14,839

60-64	4,911	5,548	10,459	5194	5868	11062	5341	6034	11375	5493	6206	11699
65-69	3,186	3,766	6,952	3370	3983	7353	3465	4096	7561	3564	4212	7776
70-74	2,987	3,578	6,565	3159	3784	6943	3249	3892	7141	3341	4002	7343
75-79	2,002	2,318	4,320	2117	2452	4569	2177	2521	4698	2239	2593	4832
80+	3,360	5,362	8,722	3554	5671	9225	3654	5832	9486	3758	5997	9755
Age NS	139	114	253	147	121	268	151	124	275	155	128	283
Total	254,303	261,909	516,212	268952	276995	545947	276586	284860	561446	284441	292949	577390

Source: KNBS, Population and Housing Census, 2009

The youth who comprise those between 15 and 34 years represent 34.5 per cent of the total population. The age group distribution shows that the population aged less than 15 years comprises 37.5 per cent of the total population. The sex ratio in the county stands at 1:1 which shows an equal female and male population. The dependant population comprising of those below 15 years and above 64 years of age constitutes 42.6 per cent of the population.

Figure 1: Population pyramid for Embu County



Source: KNBS, Population and Housing Census, 2009 and CIDP Planning Team Computations

The rising population continues to exert pressure on land and other natural resources. Land sub-division due to rising need for settlement space affects agricultural productivity. Social amenities such as schools and health facilities lack adequate land for expansion.

Table 4: Population Projection by special age groups

Age groups	2009(Census)			2013(projections)			2015(projections)			2017(projections)		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Under 1	6,590	6,485	13,075	6970	6859	13829	7167	7053	14220	7371	7254	14625
Under 5	33,130	32,579	65,709	35038	34455	69493	36033	35434	71467	37056	36440	73496
Primary school age (6-13)	51,452	51,120	102,572	54416	54064	108480	55961	55600	111561	57550	57178	114728
Secondary school Age (14-17)	22,230	21,274	43,504	23510	22499	46009	24178	23138	47316	24865	23795	48660
Youth Population (15-29)	70,290	70,823	141,113	74339	74902	149241	76449	77029	153478	78620	79216	157836
Female reproductive age (15-49)	126,159	129,875	256,034	133425	137355	270780	137214	141256	278470	141110	145267	286377
Labour force (15-64)	145,148	150,417	295,565	153508	159081	312589	157867	163598	321465	162350	168243	330593
Aged Population (65+)	11,674	15,138	26,812	12346	16010	28356	12697	16465	29162	13058	16932	29990

Source: KNBS, Population and Housing Census, 2009

Table 5 below shows the population projections for urban centres based on the 2009 Population and Housing Census. The county has one town (Embu) which is the County headquarter and two urban centres (Siakago and Runyenjes).

Table 5: Population Projections by Urban Centres

Urban Centre	2009 (census)			2013 (projections)			2015 (projections)			2017 (projections)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Embu	29768	30905	60673	31483	32685	64168	32377	33613	65990	33296	34568	67864
Siakago	1319	1375	2694	1395	1454	2849	1435	1495	2930	1475	1538	3013
Runyenjes	9525	10023	19548	10074	10600	20674	10360	10901	21261	10654	11211	21865
Total	40612	42303	82915	42951	44740	87691	44172	46009	90181	45425	47317	92742

Source: KNBS, Population and Housing Census, 2009

The urban based population was 87,691 in 2013 out of which Embu town had a population of 64,168 while that of Siakago and Runyenjes is 2,849 and 20,674 respectively. The county is likely to witness a more rapid increase in urban population due to the increase in rural-urban migration. The other potential urban centres in the county have not developed fast due to poor physical infrastructure and inadequate social amenities to cater for the rising population.

1.4.2 Population Density and Distribution

a) Population Distribution by Constituency

Table 6 below shows the population projections per constituency. The county was projected to have had an average population density of 193 people per square kilometre in 2013. This is projected to be 203 and 210 in 2015 and 2017 respectively. The most densely populated constituency as per the 2012 projections was Manyatta with 605 persons per square kilometre in 2009, followed by Runyenjes, Mbeere North and Mbeere South in that order with 590, 122, and 104 respectively. The high density in Manyatta and Runyenjes is because these are the agriculturally productive areas. On the other hand Mbeere North and Mbeere South are largely semi-arid with low population density.

Table 6: Projected Population Distribution and Density by Constituency

CONSTITUENCY	2009 (Census)		2013 (Projections)		2015(Projections)		2017(Projections)	
	Population	Density (Km ²)	Population	Density (Km ²)	Population	Density (Km ²)	Population	Density (Km ²)
Manyatta	154,632	575	163,538	608	168,182	625	172,958	643
Runyenjes	142,360	561	150,560	593	154,835	610	159,231	627
Mbeere North	89,035	115	94,163	122	96,837	126	99,587	129
Mbeere South	130,185	99	137,683	104	141,593	107	145,614	110
TOTAL	516,212	197	545,944	209	561,447	215	577,390	221

Source: KNBS, Population and Housing Census, 2009

b) Population Distribution by Ward

Table 7 below shows the population projections per ward. The most densely populated ward as per the 2009 census results was Kirimari Ward with 1364 persons per square kilometre in 2009, followed by Central Ward, with 752 persons per square kilometre. The least densely populated wards are Makima and Kiambere with 62 and 52 persons per square kilometre respectively.

Table 7: Population Distribution by Ward

CONSTITUENCY	COUNTY WARD	Male	Female	Total	Households	Area in sq Km.	Density
MANYATTA	RUGURU-NGANDORI	13,517	14,408	27,925	7,344	42.9	651
	KITHIMU	9,329	9,670	18,999	4,769	46.7	407
	NGINDA	14,163	14,348	28,511	7,176	43.7	652
	MBETI NORTH	16,746	16,722	33,468	9,618	52.6	636
	KIRIMARI	15,599	16,586	32,185	10,344	23.6	1364
	GATURI SOUTH	6,719	6,825	13,544	3,466	22.1	613
RUNYENJES	GATURI NORTH	11,923	12,475	24,398	6,410	37.5	651
	KAGAARI SOUTH	10,223	10,203	20,426	5,170	78.3	261
	CENTRAL	11,588	12,012	23,600	6,398	31.4	752
	KAGAARI NORTH	12,126	12,826	24,952	6,599	43.8	570
	KYENI NORTH	10,380	11,166	21,546	5,670	29.2	738
	KYENI SOUTH	13,730	13,708	27,438	7,174	71.2	385
MBEERE	MWEA	14,904	15,213	30,117	7,334	172.7	174

CONSTITUEN CY	COUNTY WARD	Male	Female	Total	Households	Area in sq Km.	Density
SOUTH	MAKIMA	10,841	10,450	21,291	4,896	342.3	62
	MBETI SOUTH	15,269	14,310	29,579	7,308	255.2	116
	MAVURIA	17,242	16,897	34,139	7,637	264.4	129
	KIAMBERE	7268	7,791	15,059	3,406	287.0	52
MBEERE NORTH	NTHAWA	13,467	13,258	26,725	6,755	136.4	196
	MUMINJI	7,942	8,786	16,728	3,892	224.8	74
	EVURORE	21,327	24,255	45,582	10,317	409.9	111
	MT. KENYA FOREST					202.8	
	TOTAL	254,303	261,909	516,212	131,683	2818.5	183

Source: KNBS, *Population and Housing Census, 2009*

1.4.3 Vulnerable groups

As recorded in the multiple indicator cluster survey (KNBS, 2008), the proportion of orphaned and vulnerable children in Manyatta and Runyenjes constituencies is 10 percent while the proportion of orphaned and vulnerable children in Mbeere North and Mbeere South Constituencies is 17 percent. Vulnerability has a close link with disability. 2.9 percent of the population in Manyatta and Runyenjes constituencies are PLWDs while in Mbeere North and Mbeere South Constituencies, 3.3 percent are PLWDs.

Table 8: Disability by type in the County

DISABILITY TYPE	MALE	FEMALE	TOTAL
Visual	1,424	1,881	3,305
Hearing	981	1,161	2,142
Speech	919	747	1,666
Physical/Self care	2,338	2,566	4,904
Mental	1,429	1,044	2,473
Other	536	632	1,168
TOTAL	7627	8031	15,658

Source: KNBS, *Population and Housing Census, 2009*

1.4.4 Migration

There are three clear trends of migration in Embu County namely rural-urban, rural-rural and out-migration. Rural-urban migration is migration from the rural areas to the urban centres mainly Embu, Runyenjes, Kiritiri, Kianjokoma, Manyatta and

Siakago in search of economic opportunities. Excessive subdivision of land and landlessness contributes to increased number of urban dwellers.

Rural-rural migration is also evident in the county where people are pushed from certain areas by factors such as excessive land subdivision into uneconomical holdings and high cost of land. These people resettle within the county in areas with large tracts of land at cheaper prices. People from rural areas in surrounding counties such as Machakos, Tharaka-Nithi and Kirinyaga also migrate into the county especially in Mbeere areas where they are mainly involved in Miraa and Sorghum farming.

Recently, population in the county has been increasingly migrating out in search of better economic opportunities and tertiary education. There has been an increase in number of persons acquiring passports in the county, which indicates that in the future, massive intellectual migration may occur.

1.4.6 Child labour

In Mbeere North and Mbeere South Constituencies, 24 percent of the children are involved in child labour while 12 percent are involved in the same in Manyatta and Runyejes constituencies (KDHS, 2008). The children are involved in paid and unpaid work outside their families, family businesses and domestic chores.

1.5 Human Development Indicators

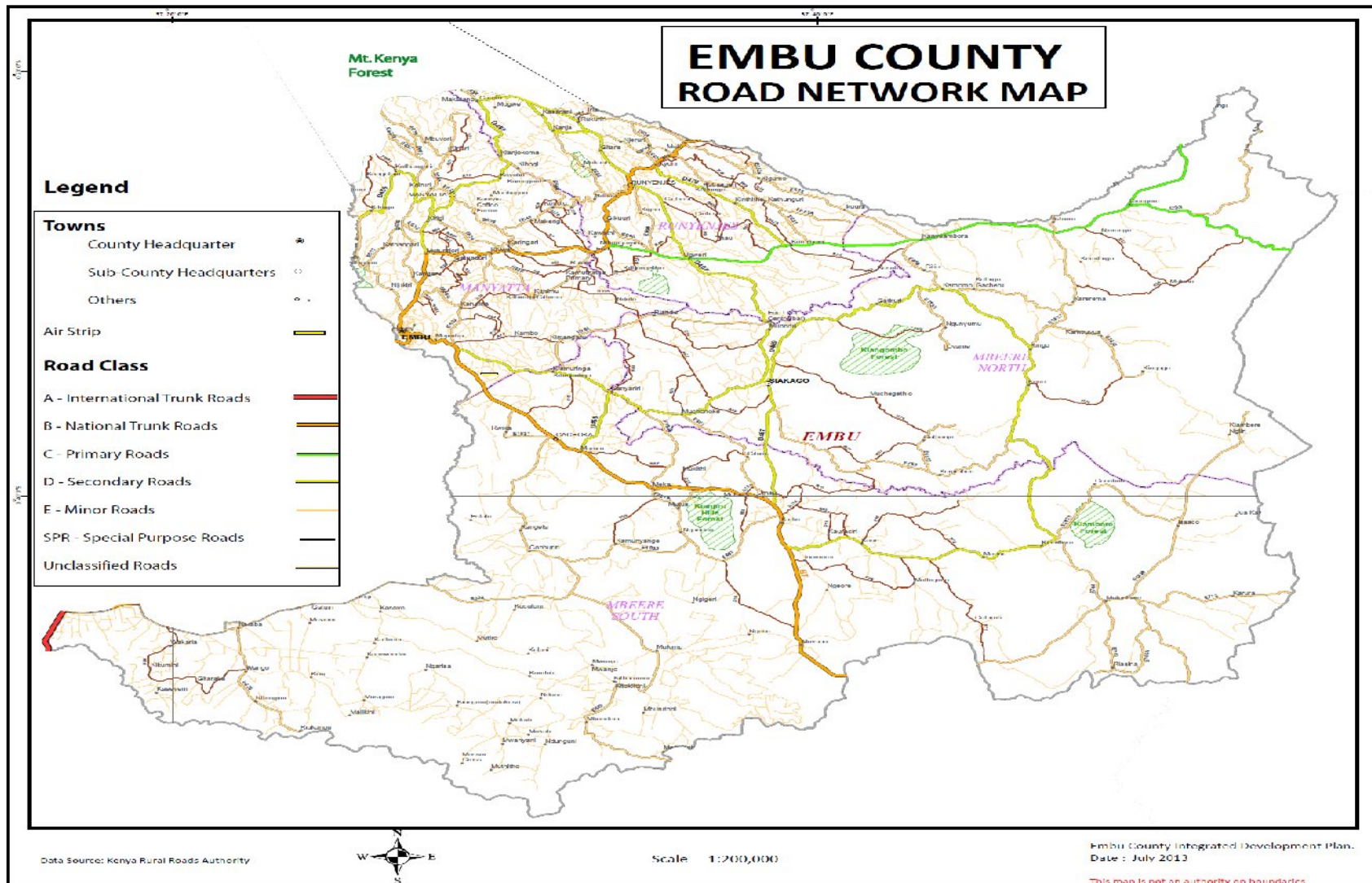
The use of Human Development Index (HDI), normally in the Human Development Reports (HDR) measure a country's development which is a composite index measuring average achievement in three basic dimensions of human development to reflect a country's achievements in health and longevity (as measured by life expectancy at birth), education (measured by adult literacy and combined primary, secondary, and tertiary enrolments), and living standard (measured by GDP per capita in purchasing power parity terms). Achievement in each area is measured by how far a country has gone in attaining the following goal: life expectancy of 85 years, adult literacy and enrolments of 100 percent, and real GDP per capita of \$40,000 (Kshs 3,400,000) in purchasing power parity terms.

Between 1980 and 2012 Kenya's HDI rose by 0.9% annually from 0.424 to 0.561, which gives the country a rank of 145 out of 187 countries with comparable data. The HDI of Sub-Saharan Africa as a region increased from 0.366 in 1980 to 0.475, placing Kenya above the regional average. The HDI index for Embu County is 0.6221 which is higher than that of the national figure (Kenya data sheet, 2011).

1.6 Infrastructure and Access

1.6.1 Road and Airstrips

The road network in the county as shown in map consists of 914.3 Km of earthen surface, 120 km of tarmac which includes the Meru-Embu highway and Embu-Kiritiri road, as well as 548 km of gravel surface. The county is also host to two airstrips. One airstrip is located at Don Bosco in Embu town and is currently being refurbished. It is used mainly for security purposes. The other airstrip is in Kiambere and is mainly used by KenGen.



1.6.2 Posts and Telecommunications

There are two major post offices based in Embu and Runyenjes town and three other sub-post offices in major trading centres as highlighted in **Table 9** below. The county is also covered by the 4 mobile network providers namely; Safaricom, Airtel, Yu and Orange. The county is covered by Local connectivity of a fixed national digital network, a fibre optic cable passing through Embu and Runyenjes towards Meru and also through Kiritiri to Masinga, but not connected to buildings and other places in the county. There is also a fixed line connectivity which is provided by Telkom Kenya system. Data services are provided by Jambonet and Kenya Data Networks while satellite services are offered by Vsat.

Table 9: Post Offices in the County

NO	NAME	LOCATION
1.	Embu Post Office	Embu Town
2.	Manyatta Post Office	Manyatta
3.	Runyenjes Post Office	Runyenjes
4.	Siakago Post Office	Siakago
5.	Kiritiri Post Office	Kiritiri
6.	Ishiara Post Office	Ishiara

Source: County Planning Office, 2013

1.6.3 Financial Institutions:

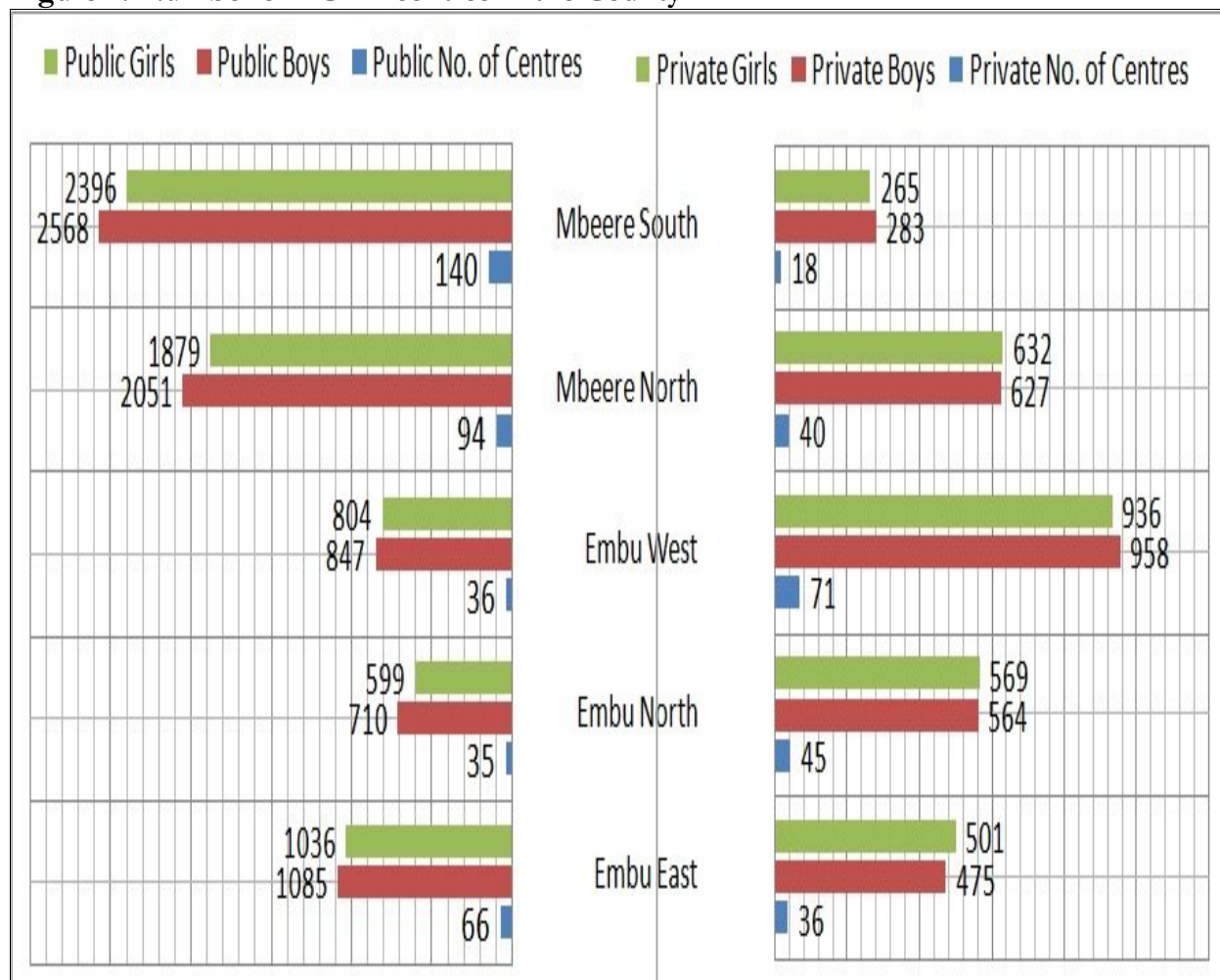
The county has a number of financial institutions such as Family Bank, Co-operative Bank, Consolidated Bank, Barclays Bank, K-REP, Equity Bank, KCB, and National Bank. There are major micro-finance institutions such as Kenya Women Finance Trust, Business Initiatives and Management Assistance Services (BIMAS) and SACCOs such as Nawiri SACCO and Daima SACCO. A comprehensive list of financial institution is attached under **Annex 1**.

1.6.4 Education Institutions

The county has 581 ECD centres, 468 primary schools, 163 secondary schools and 14 tertiary institutions. The conversion of the former EAST College to a constituent college of University of Nairobi has provided a much needed public chartered university in the county. A comprehensive list of ECDE, Primary and Secondary schools is attached under **Annex 2**.

ECDE Centres: There are total of 371 public and 210 private ECDE centres in the county. A total of 13,975 pupils, 7,261 of whom are boys and 6,714 are girls, attend public ECDE centres while a total of 5,810, of whom 2,907 are boys and 2,903 are girls attend private ECDE centres.

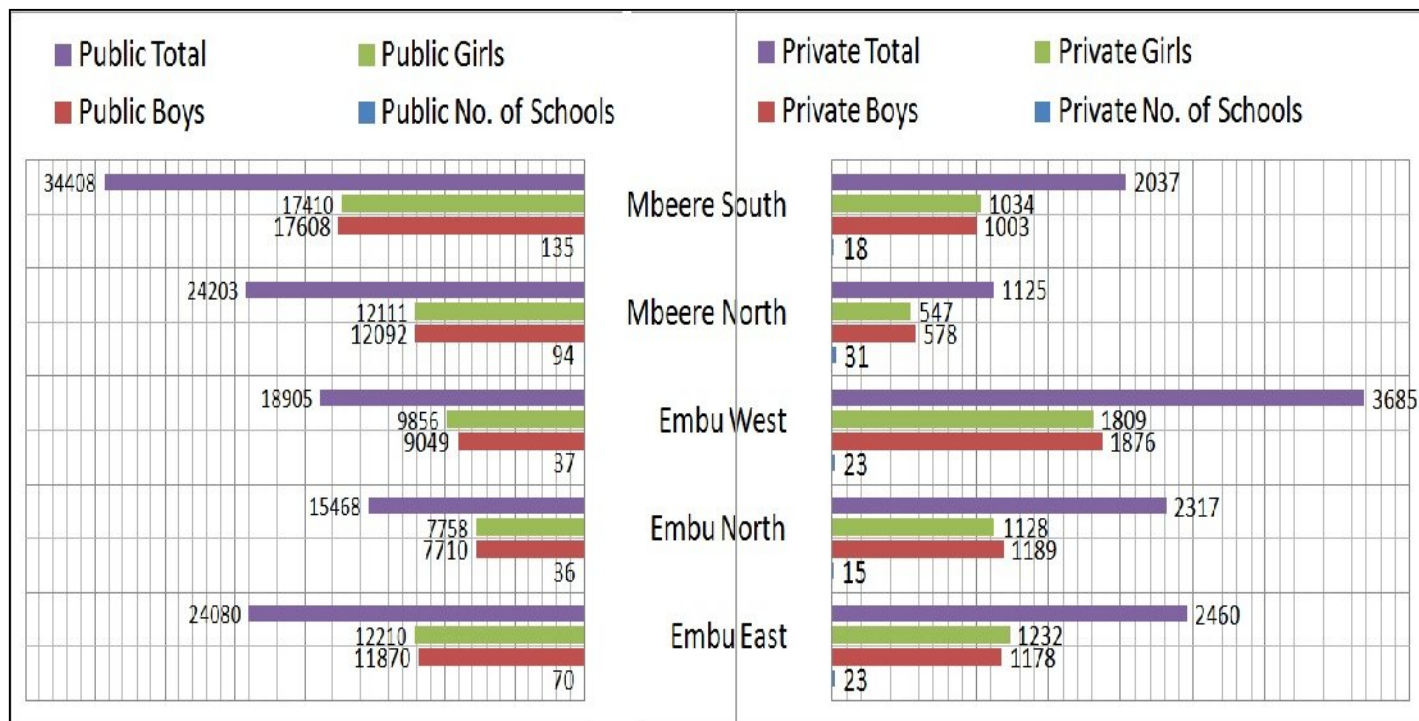
Figure 2: Number of ECDE centres in the County



Source: Embu County Education Office, 2013

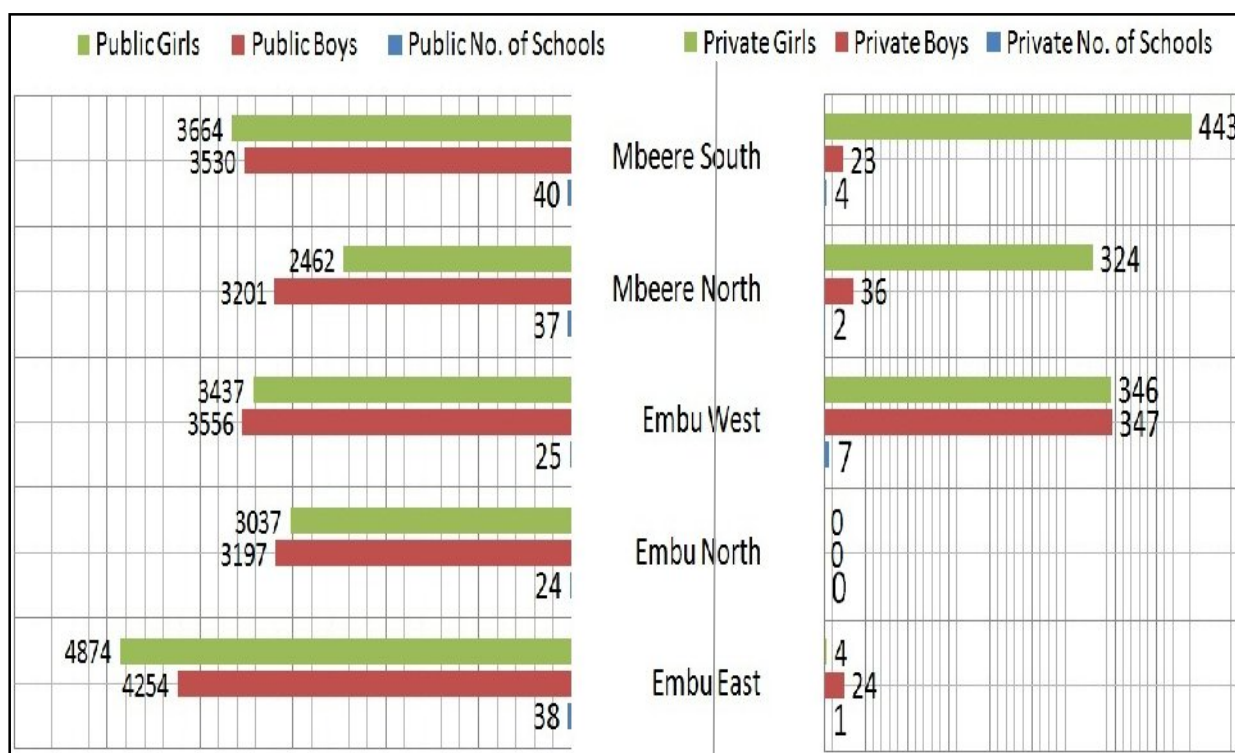
Primary Schools: There are a total of 372 public and 110 private primary schools in the county.

Figure 3: Number of Primary Schools in the County



Secondary Schools: There are total of 163 public and 13 private secondary schools in the county. A total of 15,494 students, 17,738 of who are male and 17,474 are female, attend public secondary schools as compared to a total of 1,519, of whom 1,113 are male and 406 are female attend private secondary school

Figure 4: Number of Secondary Schools in the County



Source: Embu County Education Office, 2013

Table 10: Tertiary Institutions

INSTITUTION TYPE	NAME	SUB COUNTY	WARD
Chartered public universities (constituent colleges and campuses)	Embu university college	Manyatta	Kirimari
	Nairobi university	Manyatta	Kirimari
	Chuka university	Manyatta	Kirimari
	Kenyatta university	Manyatta	Kirimari
Private universities	Kenya Anglican University	Mbeere North	Evurore
	St. Augustine (Constituent College of CUEA)	Mbeere North	Evurore
Private middle level commercial colleges	Embu College of Professional Studies	Manyatta	Kirimari
	Achievers College of Profession	Manyatta	Kirimari
	Kenya Institute of Management	Manyatta	Kirimari
	Intraglobal	Manyatta	Kirimari
Teacher training colleges	Kigari	Manyatta	Ngandori Ruguru
	Mary Immaculate	Runyenjes	Kagaari South
	St. Augustine	Mbeere North	Evurore
Government Middle Level Training Institutes	Rwika Technical Institute		Mbeti South
	Kenya School of Government	Manyatta	Kirimari
	Kenya Medical Training College	Manyatta	Kirimari

Source: County Education Office, 2013

1.6.5 Energy Access

Embu County is a major stakeholder in the energy sector nationally. It is host to the regionally famous seven-folk project which has an installed capacity of 543.2 MW, placing its contribution to the national installed H.E.P capacity at 80.2 percent. The production capacities for the various stations are as given below:

Table 11: HEP Production levels

POWER STATION	PRODUCTION
Masinga dam	40 MW
Kamburu	93 MW
Kindaruma	72 MW
Gitaru	225 MW
Kiambere	144 MW

Source: <http://www.kengen.co.ke>

In contrast to this rich energy endowment, only 21.2 per cent of households in Runyenjes and Manyatta constituencies are connected to electricity while a mere 4.9 per cent in Mbeere North and Mbeere South constituencies are connected to electricity. The main source of energy is fire wood (80.4 per cent) while electricity coverage is more confined to urban areas as compared to rural areas. Many trading centres have not been connected to the national grid although the rural electrification programme is reversing this scenario. The other major beneficiaries of rural electrification are public institutions such as schools and health facilities. The majority of residents use paraffin as the main source of lighting. The traditional stone fire is the most prevalent cooking appliance used by the county population.

1.6.6 Markets and Urban Centres

The major urban centres include Embu, Siakago and Runyenjes which host markets for agricultural farm produce. There are also about 33 smaller towns and trading centres which also continue to provide a ready market for some of the agricultural produce.

Table 12: Urban and Market Centres

URBAN CENTRES	RURAL CENTRES	MARKET CENTRES	LOCAL CENTRES
<ul style="list-style-type: none"> • Embu • Runyenjes • Siakago • Kiritiri 	<ul style="list-style-type: none"> • Manyatta • Ishiara 	<ul style="list-style-type: none"> • Kiamuriga • Muconoke • Kanja • Mukuuri • Kyeni 	<ul style="list-style-type: none"> • Ugweri • Kirii • Kiambere • Mavuria • Nganduri

		<ul style="list-style-type: none"> • Mufu • Karingari • Kianjokoma • Kevote • Ena • Karurumo • Mbuvari • Kanyuambora • Gachoka • Karaba • Kibugu • Kanja • Kairuri • Kiriari • Kathageri • Makengi • Kavutiri • Muchagori • Kamugere • Riandu • Kanyariri • Kathanje • Ngiiri • Gikiiro • Kwa Murindi • Karii 	<ul style="list-style-type: none"> • Gikuuri • Kathanjuri • Kigumo • Kangunu • (Gichiche) • Riakanau • Makutano • Kangaru • Kirigi • Mutunduri • Kivue • Kimangaru • Kambo • Rukira • Ndatu • Kathangari • Mugwi • Mbui Njeru • Kamumu • Karerema • Kabugua ka Nyama • Soko Mjinga • Muraru • Gachuriri • Rwika • Meka
--	--	---	--

		<ul style="list-style-type: none"> • Machang'a • Munathiiri/U mau • Makima • Mbondoni • Gategi • Iria Itune • Wango • Mutuobare • Newsite 	<ul style="list-style-type: none"> • Rukuriri • Kithegi • Muvu • Kigaa • Gitare
--	--	--	--

Source: County Planning Office, 2013

1.6.7 Housing Types

Housing is generally classified as permanent and semi-permanent. As recorded in the 2009 census report, 121,230 households in Embu County use corrugated iron sheets, of the permanent houses in the county, 54,114 are constructed using corrugated iron sheets, tiles, shingles all laid on timber trusses for roofing. For the permanent houses, walling is composed of quarry stones, bricks and man-made concrete blocks. These types of houses are found to dominate in all the urban centres in Embu County and the rural areas of Sub Counties of Embu West, Embu East and Embu North. Most of the permanent houses in Embu town are storeyed. However, the majority of the buildings in other towns in Embu County are single floor.

Of the total number of households in Embu County, 4690 households use grass, makuti or tin for roofing. The walls are made of either mud, timber, or a combination of mud and timber, and stabilised interlocking earth blocks. However, stabilised interlocking earth blocks can be used in constructing permanent houses, depending on the level of stabilization. These semi-permanent houses are largely to be found in the Sub Counties of Mbeere South and Mbeere North.

Another 74,614 households use wood, a combination of mud and wood or a combination of mud and cement for walling, whereas another 3091 households either use tin, grass and reeds and corrugated iron sheets for walling. These are sparsely distributed across the county, but are more concentrated in the informal settlements found in the urban centres.

1.6.8 Dams

The County shares Masinga, Kamburu, Gitaru and Kindaruma dams with Machakos County and Kiambere dam with Kitui County. The dams are mainly used for generation of H.E.P. and are therefore managed by KenGen except Masinga Dam which is managed by TARDA. Masinga Dam is minimally used for small scale irrigation. Water sporting is also minimally evident in Masinga Dam. Small scale fishing is practised in the dams. There are also water pans in the county such as Mugwanjogu, Cieria, Iviuva and Kaaria. Water from these water pans is mainly used for domestic purposes.

1.6.9 Health Institutions

The County has a total of 157 facilities that comprise of 9 hospitals, 16 health centers and 132 dispensaries. 50 percent of the facilities are owned by the government, 33% are owned by private and 17% are owned by faith based organizations. However, approximately 56 percent of the health centers and hospitals are owned by government indicating increased reliance on public facilities for curative healthcare services. Table 10 details the distribution of health facilities in Embu County by level of care, sub-county and ownership. The table includes clinics situated at academic institutions, one hospice and one regional blood transfusion centre

Table 13: Health facilities by ownership per Sub-county

	Ownership Category	Dispensary	Health Centre	Hospital	Total	Grand Total
Runyenjes	GOK	17	2	2	21	37
	FBO	3	1	1	5	
	Private	10	1	0	11	
Manyatta	GOK	19	4	1	24	70
	FBO	14	1	1	16	
	Private	25	3	2	30	
Mbeere North	GOK	11	0	2	13	21
	FBO	2	0	0	2	
	Private	5	1	0	6	
Mbeere South	GOK	18	3	0	21	29
	FBO	3	0	0	3	
	Private	5	0	0	5	
County Totals	GOK	65	9	5	79	157
	FBO	22	2	2	26	
	Private	45	5	2	52	

Source: Ministry of Health, 2013

The distribution of health facilities within the county is skewed with 45% of the facilities located in Manyatta, 24% in Runyenjes, 18% in Mbeere South and 13% in

Mbeere North sub-counties. There is neither a hospital in Mbeere South sub-county nor a public health centre in Mbeere North sub-county as outlined in table above, thereby impeding referral services and overall access to required health services. A comprehensive list of health facilities in the county is attached under **Annex 3**.

1.6.10 Herbal facilities

There are 39 registered herbalists the county. They form about 10% of the herbalist population. About 80% of the herbalists are running home clinics. Another 10% operate mobile clinics where they carry their products in briefcases. Products from the herbalists include powder form of ground medicinal roots, barks, leaves, capsules, soaps and creams. There a number of challenges faced in this sector that include:

- ✓ There are many herbalists practicing in Embu County who are not registered
- ✓ felt need to have a baseline survey on their actual numbers, location of practice and possible gaps in their trade
- ✓ Need to assess and do capacity building in areas of policy concerns

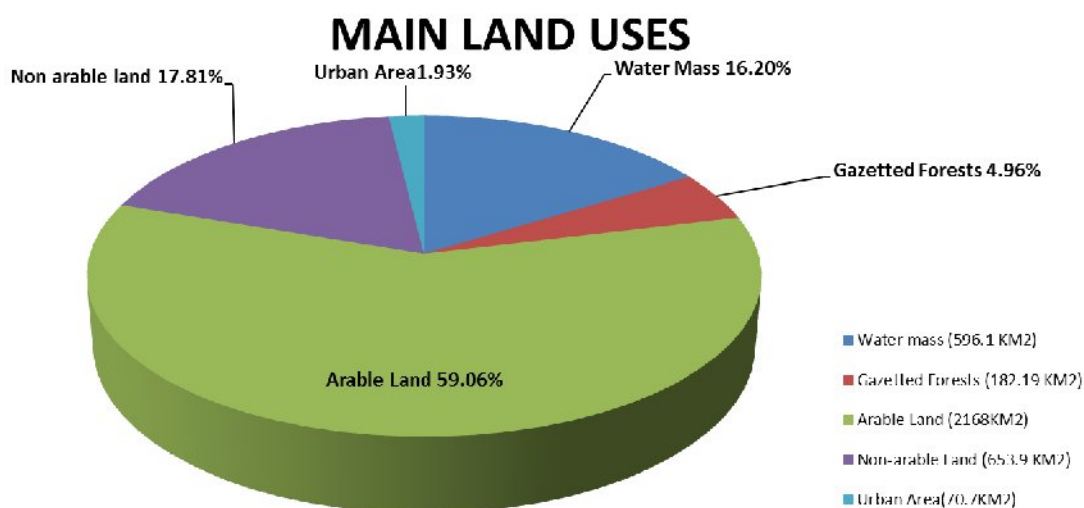
A comprehensive list of herbalists is attached under **Annex 4**.

1.7 Land and Land Use

The County is characterised by a predominantly rural settlement pattern. There is a concentration of people along the major permanent water sources such as rivers and dams where irrigation, farming and fishing are carried out. The settlement pattern is also influenced by social economic activities, rain and soil fertility. The lower parts, covering areas which receive less rainfall have a more scattered settlement pattern compared to the upper parts which receive more rainfall.

The county has three major urban centres, namely Embu Siakago and Runyenjes towns. There are also major market centres like Ishiara, Karaba, Kiritiri, Gachoka, and Kianjokoma. These areas have relatively better developed infrastructure and therefore have good potential for business enterprises. The distribution of the main land uses are as shown below:

Figure 5: Main land use patterns



Source: Embu County Profile 2008–2012, Ministry of Planning

Ishiara road. There has been recent rise in people living in slums especially in Embu town. Challenges in urban settlements include poor housing, deteriorating environment, unemployment, insecurity and poor infrastructure and services.

Table 14: Status of planning of urban settlements

Name of Centre	Type of Plan	Status	Remarks
Embu town	Structure plan	Not approved	Long approval processes delayed the approval
Ishiara centre	Local Physical Development Plan	Not approved	Long approval processes delayed the approval
Rwika Centre	Zoning Plan	Awaiting approval	To meet PPA requirements
Muchonoke	Zoning Plan	Awaiting approval	To meet PPA requirements
Runyenjes	Zoning Plan	Awaiting approval	To meet PPA requirements
Kanja	Zoning plan	Not approved	To meet PPA requirements

Name of Centre	Type of Plan	Status	Remarks
Kianjokoma	Local Physical Development Plan	Awaiting approval	To meet PPA requirements
Kathanjuri	Local Physical Development Plan	Awaiting approval	To meet PPA requirements
Kamumu	Local Physical Development Plan	Awaiting approval	To meet PPA requirements
Karurumo	Local Physical Development Plan	Awaiting approval	To meet PPA requirements

Source: County Planning Office, 2013

1.7.1 Mean Holding Size

The county is characterised by a predominantly rural settlement pattern. The average farm size for small scale farming is 0.8 ha. The rising population in the county especially in the high agricultural productive areas has continued to exert pressure on land and other natural resources which will lead to smaller acreages in the near future. The settlement pattern in the county is influenced by social economic activities, rainfall and soil fertility.

Table 15: Mean Holding Size by sub-county

Sub-County	Population (2009 census)	Farm Families (No.)	Avg. Farm Size (Ha)	Large Scale Farmers (no.)	Small Scale Farmers (no.)	(MOA) Staff: Farmer Ratio
Manyatta	179,030	34456	0.8	12	17226	1:600
Runyenjes	117,962	30,000	1.2	2	30,000	1:670
Mbeere North	86,186	15,680	4	25	17,225	1:650
Mbeere South	130,185	25,251	2.6	0	25,251	1:600
Total	513,363	105,387	-	39	106,920	-

Source: KNBS, Population and Housing Census, 2009

1.7.2 Percentage of Land Owners with Title Deeds

According to the Kenya Integrated Household Budget Survey (2005/06), 46.4% of the poor population in Manyatta and Runyenjes constituencies have title deeds for their land while 20.8% of the poor population are not in possession of title deeds. The remaining 32.8 % of the poor population do not own land. In Mbeere North and Mbeere South constituencies, 10.2% of the poor population have title deeds for their parcels of land while 47.6% of the poor population do not have title deeds for their land. The remaining 42.2% do not own land.

The same survey indicates that 35.9 % of the non-poor in Manyatta and Runyenjes constituencies have title deeds for their land while 31.2 % do not have title deeds for their parcels of land. The remaining 33.0% of the non-poor population do not have land. In Mbeere North and Mbeere South constituencies, 22.3% of the non-poor population have title deeds while 33.6% of the non-poor do not have title deeds. The remaining 44.1% of the non-poor do not own land.

The **Table 16** below indicates the number of title deeds issued, the deficit and percentage of land without title deeds in the county

Table 16: Registration of Title Deeds issued and not issued

REGISTRATION SECTION	NO. OF TITLES ISSUED	NOT ISSUED	% of land without Titles
Gaturi/Githimu (Central)	10787	58	0.53
Gaturi/Weru (Central)	9347	5	0.05
Gaturi/Nembure (Gaturi North)	13427	201	1.47
Ngandori/Kirigi (Gaturi North/Central)	11116	73	0.65
Ngandori/Nguviu (Ruguru-Ngandori)	5097	77	1.49
Ngandori/Kiriari (Ruguru-Ngandori)	6166	128	2.03
Kyeni/Mufu (Kyeni North)	8005	59	0.73
Kyeni/Kigumo (Kyeni South)	7266	72	0.98
Kagaari/Kanja (Kyeni North)	9277	60	0.64
Kyeni/Kigaa (kyeni)	8605	124	1.42
Kagaari/Weru (Kagaari south)	8488	54	0.63

Table 17: Percentage of Land Owners with Title Deeds

CONSITUENCIES	POOR				NON-POOR			
	Owners With Title	Owners With no Title	Neither Owner nor Title Owner	No. Of Parcels	Owners With Title	Owners With no Title	Neither Owner nor Title Owner	Owners With Title
Manyatta & Runyenjes	46.4%	20.8%	32.8%	27,734	35.9%	31.1%	33.0%	58,599
Mbeere North & Mbeere South	10.2%	47.6 %	42.2%	21,240	22.3%	33.6%	44.1%	28,117

Source: Kenya Integrated Household Budget Survey (2005/2006)

1.7.3 Incidence of Landlessness

According to the Kenya Integrated Household Budget Survey (2005/06), 32.8% of the poor population in Runyenjes and Manyatta constituencies do not own land, while 42.2% of the poor population in Mbeere North and Mbeere South constituencies do not own land. Among the non-poor, 33.0% in Runyenjes and Manyatta constituencies do not have land, while 44.1% of the non-poor in Mbeere North and Mbeere South constituencies do not own land.

1.8 Community Organizations/Non-State Actors

1.8.1 Cooperative Societies

The cooperative movement is strong in the upper parts of the county especially in Manyatta and Runyenjes constituencies. Most of the active co-operative societies are involved in the management and marketing of tea and coffee. According to the County Co-operative Department, the county has 28 Savings and Credit Co-operative Societies (SACCOS). In addition to the SACCOS, there are 13 multi-purpose societies, 1 dairy marketing society, 6 housing societies and 1 cooperative union. A comprehensive list of SACCOS and Cooperative Societies is attached under **Annex 5:**

1.8.2 Non-Governmental Organizations (NGOs)

A number of NGOs operate in the county especially in Mbeere North and Mbeere South constituencies. They include Redcross, Care International, ActionAid, Catholic Dioceses of Embu (DOE) and APHIA Plus. The driving force for the NGOs operating in the lower parts of the county is the high poverty levels experienced in these areas. A list of NGOs in the county is as indicated below:

Table 18: Non-Governmental Organizations in the County

NAME OF THE NGO	AREA OF COVERAGE	ACTIVITIES
KENYA RED CROSS SOCIETY	Entire county	<ul style="list-style-type: none"> • Disaster Management(Disaster Preparedness, Road Safety campaigns, Fire Safety trainings, First Aid Services and trainings, Response and Restoring family Links/Tracing) • Blood Donor Program. • Disease prevention and Control (Jigger campaigns) • Health and Social Services (Orphaned and Vulnerable Children (OVCs/ Jomo Kenyatta Home for the Children with physical challenges) • Health • Behavior Change Communication among the youth. • Water and Sanitation (construction and desilting of earth dams/pans)
APHIA PLUS KAMILI	Entire County	<ul style="list-style-type: none"> • Reproductive Health. • Clinical Mentorship. • Nutrition • Care & treatment (HIV/AIDS support) • HIV testing and Counseling. • Gender based Violence Interventions. • School health program. • Behavioral Change Communication (youth intervention) • Community Health Strategy. • WASH Interventions. • Orphans and Vulnerable Children. • Household Economic strengthening
ACTIONAID	Mbeere South	<ul style="list-style-type: none"> • child women advocacy
CARE KENYA	Entire County	<ul style="list-style-type: none"> • Banking on Change (trainings on savings and Loans, Financial education and management of businesses)
COMPASSION INTERNATIONAL	Entire County	<ul style="list-style-type: none"> • Support to education for Orphaned and Vulnerable Children.
SWAK	Entire County	<ul style="list-style-type: none"> • Capacity building on

NAME OF THE NGO	AREA OF COVERAGE	ACTIVITIES
		<ul style="list-style-type: none"> • Memory book project paralegal • Systemic, child counseling • Income generating activities development.
POPULATION SERVISE INTERNATIONAL	Entire County	Provide quality Family planning services through a network of private and public hospitals Nets distribution to government and selected private facilities
KUJENGA MAISHA EAST AFRICA (KUMEA)	Manyatta (Embu West) Mbeere South	<ul style="list-style-type: none"> • Seed and fertilizer relief programme • Conservation agriculture • Indigenous chicken dispersal project
HABITAT FOR HUMANITY	Runyenjes	<ul style="list-style-type: none"> • Provision of Shelter to poor households
CLIMATE PAL	Runyenjes Manyatta Mbeere south	<ul style="list-style-type: none"> • Distribution of Improved Wood Stove • Distribution of seedlings
DEAFOP	-	<ul style="list-style-type: none"> • Empower deaf persons socially and economically
NAPKENYA (NJARANGE AREA PROJECT)	Evurore division	<ul style="list-style-type: none"> • They supports Education,water projects &health.
SALI-Under ACK	Mbeere North	<ul style="list-style-type: none"> • Training groups on Farming-orphan crops(drought resistance crops • Providing groups with seeds
FARM- CONCERN	Mbeere North	<ul style="list-style-type: none"> • Market Linkages, Forming village Association, Training on modern Farming.
CRUSER-in collaboration with APHIA PLUS-	Mbeere North	<ul style="list-style-type: none"> • Capacity building, provide groups with seeds(orphan crops)
TRO-CARE	Mbeere North	<ul style="list-style-type: none"> • Supports Education Modern Farming, provide Green house to groups. • Link groups with the financial institutions.

1.8.3 Self Help, Women and Youth Groups

The emergence of credit facilities targeting groups has seen an upsurge in self-help group registration in the county since there is no collateral required to acquire loans. Youth groups have enabled youths in the county to access the Youth Enterprise Funds while women groups have enabled women to access Women Enterprise Fund. A comprehensive list of Self Help, Women and Youth Groups is provided under Annex 6.

1.9 Crop, Livestock and Fish Production

Majority of the population in the county derive their livelihood from crop farming and livestock keeping, which accounts for approximately 83 per cent of the County population.

1.9.1 Main Crops Produced

The major crops produced in Embu County are shown in table below. According to the Department of Agriculture In the short rains 2012/2013 the major food crops recorded an increase in acreage and yields due to favourable weather. The amount of maize produced is enough to feed the county for the next six months.

Table 19: Main food crops produced by production

Food Crop	HA	Production (Tons)	Value (Ksh)	HA	Production (Tons)	Value (Ksh)
	Previous Yr (2011/12)	Previous Yr (2011/12) in '000'	Previous (2011/12) in '000'	Current 2012/13	Current 2012/13 in '000'	Current Yr(2012/13) in '000'
Maize	28,310	25,228	756840	30,920	33,393	1,001,799
Sorghum	1423	1285.5	51420	1,535	1,381	27,620
Pearl millet	1,230	1014	35499	1,295	1,058	35,622
Beans	20,190	14542	872520	22,105	15,473	928,380
Cow peas	2,590	1399	69950	2,620	1,572	34,320
Green grams	860	464	32480	875	473	37,840
Sweet potatoes	540	800	28,000	620	870	30,450
Cassava	960	1,428	34,618	1,225	1,776	42,624
Irish potatoes	2560	5114	102,280	2,565	5,294	104,310
Total	71,740	51,274.5	1,983,607	63,760	61,290	2,242,965

Source: Embu County Agriculture Office, 2013

Table 20: Major Industrial/Cash Crops Production

Industrial Crop	Ha Previous Yr (2011/12)	Production (Tons) Previous Yr (2011/12)	Value (Ksh) 2011/12 Previous Yr (2011/12)	HA Current 2012/13	Production (Tons) Current 2012/13	Value (Ksh000) Current 2012/13
Cotton	840	668.5	23397.5	720	576	20,160
Coffee	1,720	16772	1,090,180	1,723	16,804	1,260,094
Tea	3,820	30,573	1,681,515	3,825	33,630	1,849,650
Macadamia	721	2311	2,332,000	726	2660	1,446,501
TOTAL	7101	50,324.5	5,127,092.5	6994	53670	4,576,405

Source: Embu County Agriculture Office, 2013

Cotton registered a decline in production due to reduced prices while coffee and tea have recorded an increase in production due to improved weather. Earnings from macadamia were lower than the previous year due to lower prices. Miraa crop has been a significant cash crop in the County.

Table 21: Major Horticultural Crops

Horticultural Crop	Ha Previous yr 2011/12	Production (Tons) 2011/12	Value(Ksh) in 000 2011/12	Ha 2012/13	Production (Tons) 2012/13	Value (Ksh) in 000 2012/13
Grafted	3,120	24,396	14,637	3,144	32,535	85,692
Local	116	1,624	4,220	116	1,615	4,106
Bananas	4,198	13,210	954	4379	11,294	833
Passion fruits	110	1,307	9,751	121	2,247.5	7,585
Avocadoes	372	3130	38.55	421	7,463	59.29
Kales	150	665.2	15.64	514	1,787	31.68
Tomatoes	1681.5	1534	51.455	2236	3974	100.84
Carrots	91	125	1.87	192	147.7	2.54
Butternuts	89.5	211.5	2.78	118	423	5.72
Watermelons	126	1522	13.175	163.5	1972	37.088
Cut flowers						
Total	10,552	52,349.7	29,755	11,975	68,597	98,526

Source: Embu County Agriculture Office, 2013

Avocadoes, kales, passion, watermelons and tomatoes recorded a significant increase in production while others showed a slight fluctuation.

The cut flowers statistics are not available but is considered a major horticultural crop.

1.9.2 Acreage under Food Crops and Cash Crops

The total acreage under food crops is about 63,760Ha while the total acreage under cash crops of 18,869 Ha. The county heavily relies on agriculture as the source of livelihood for its people and also as the main economic activity.

1.9.3 Main Storage Facilities

Most of the households use the traditional cribs, improved granary and stores to store their cereals. This rudimentary method of food storage has led to several cases of aflatoxin reported in the county. This has led to post-harvest losses of farm produce. There are National Cereals and Produce Board stores at Majimbo in Embu town, Ishiara market and Siakago town (Under-construction). Other storage facilities in the County include former cotton board store in Mbeere South and coffee factory facilities spread in the coffee growing areas.

Table 22: NCPB Depots Capacity

Name of the Depot	Sub-County	Capacity (90kg bags)	Remarks
Embu	Manyatta	100,000	Operational
Ishiara	Mbeere North	100,000	Currently holding aflatoxin condemned maize
Siakago(Economic Stimulus Programe)	Mbeere North	100,000	Being completed
TOTAL		300,000	

Source: County Agriculture office, 2013

1.9.4 Main Livestock Breeds

Livestock farming is gaining popularity with the revival of milk cooperatives and investment by private sector on milk processing plants. Dairy farming is concentrated in the upper parts of the county while in the lower parts indigenous breeds are reared. The main types of animals reared include cattle, goats, sheep and chicken. Rabbit rearing has also become an attractive venture to the farmers. The main types of livestock kept include cattle (zebu and dairy), the East African Goat, red Maasai sheep, donkeys, goats (dairy and beef), chicken (Indigenous, layers and broilers), pigs and rabbits.

Table 23: Livestock Breeds

Livestock Type	Manyatta and Runyenjes constituencies	Mbeere North and Mbeere South constituencies
Cattle	67,052	83,648
Sheep	20,716	26,834
Goats	54,116	166,679
Camels	2	11
Donkeys	579	7,234
Pigs	5,021	1,347
Indigenous chicken	234,489	202,410
Commercial chicken	53,217	14,675
Beehives	26,972	74,004

Source: KNBS, Population and Housing Census 2009

1.9.6 Main Fishing Activities

The main types of fish in the county include; trout, tilapia, mud fish and cat fish which are available mostly in the hydroelectric dams. The government through the Economic Stimulus Programme has constructed 200 fish ponds in each of the four constituencies and the fish harvest is usually sold locally. The department of Fisheries Development has not only undertaken farmer training and supervised the construction of fish ponds but also supplied 200kg of fish feed and 1000 fish fingerlings per pond to the farmers.

1.9.7. Bee keeping

Most bee keeping activities are practised in Mbeere North and Mbeere South constituencies where there are 74,004 beehives while in Manyatta and Runyenjes constituencies; there are 26,972 beehives as per the source indicated in the table above. Most bee keepers in Mbeere North and Mbeere South areas use traditional methods while most in Manyatta and Runyenjes constituencies apply modern methods of bee farming.

1.10 Forestry and Agro Forestry

1.10.1 Main Forest Types and Size of Forests

The county has gazetted and non-gazetted forests. Mt. Kenya forest is the only gazetted forest in the county. It is an expansive mountainous forest that traverses a number of counties. The county has only one gazetted and four non gazetted forests which are Kiang'ombe, Kimeri, Kianjiru and Kiambere with a total of 3,751ha as indicated in the table below:

Table 24: County Forest Cover Analysis

NAME	LOCATION	STATE	AREA (Ha.)	CATEGORY	REMARKS
1. Irangi	Embu East and Embu North Sub-Counties	Gazetted	Indigenous - 15,308 ha. Industrial - 198 ha. Total – 15,501 Ha.	Indigenous closed canopy and industrial plantation.	The forest is part of the Mt. Kenya Water towers which is a source of Kapingazi, Rupingazi, Ena and others which are major sources of water of the County and the Country.
2. Njukiiri East	Embu North and Embu West Sub-Counties	Proclaimed forest area	Indigenous – 165.6 ha Industrial – 278.1 ha Total – 493.7 Ha	Indigenous closed canopy and Industrial plantation	Indigenous area has invasive species especially <i>Lantana camara</i> . The forest is a source of perennial streams which drains to Rupingazi river. The forest is important for Embu town climate amelioration and it is a potential ecotourism site.
3. Maranga Hill	Embu East Sub-County	Gazetted	Natural Forest – 173.5 Ha. Plantation – 46 Ha. Total - 219.5 Ha.	Indigenous and industrial forest	The forest is important for Runyenjes town climate amelioration and it is a potential ecotourism site.
4. Kirimiri Hill	Embu East Sub-County	Trust land – Managed by KFS	Natural Forest – 94 ha Plantation - 7 ha. Total – 101.0 ha	Indigenous and industrial forest	The forest is important for Runyenjes town climate amelioration and it is a potential ecotourism site, notably; it has beautiful waterfalls, natural swings, rock climbing sites, caves, salt licks, shrines, viewpoints and very rich in biodiversity of rare birds species, Columbus monkey e.t.c.

NAME	LOCATI ON	STATE	AREA (Ha.)	CATEGO RY	REMARKS
5. Kianjiru Hill	Mbeere South Sub-County	Trust land managed by KFS	1004.2 Ha.	Natural Forest	Potential for wind power, sky viewing site and potential ecotourism site. Need for enrichment planting.
6. Kiang'o mbe Hill	Mbeere North Sub-County	Trust land managed by KFS	2,104.0 Ha	Natural Forest Closed canopy at the top and bush land in the lower Zone	Second highest point in Eastern Conservancy. A major water catchment site which is a source of perennial stream which drains to Tana River and also a major water abstraction point for the community. Potential Ecotourism site and climate amelioration site for the area. It needs enrichment planting.
7. Kiambeere Hill	Trust land managed by KFS	Trust land managed by KFS	643.0 Ha.	Natural Forest	Potential for wind power, sky viewing site and potential ecotourism site. Need for enrichment planting. The forest has been partially encroached. Needs surveying and enhance protection.
8. Ndune Hill	Mbeere South Sub-County	Trustland managed by KFS	1004.2 Ha.	Natural Forest	Potential for wind power, sky viewing site and potential ecotourism site. Need for enrichment planting.

NAME	LOCATION	STATE	AREA (Ha.)	CATEGORY	REMARKS
9. Private Commercial forests	Embu County	Managed privately	468 ha.	Exotic species mainly Eucalyptus Spp. Acacia spp and Senna Spp.	Most forests have been established for production of fuel wood by Tea factories on the upper Zone of the County and Central Kenya and other factories in Nairobi. There is a lot of potential in forest investment in the lower Zones due to availability of land and suitable climate.
10. Trees on farm lands	Embu County	Managed privately	The upper Zone of the County is intensive over 37% while the lower one has 10%, an average of 17 %, The County target is over 30% forest cover in the next 5 years.	Agro forestry spp. Especially, Eucalyptus , Grivellia, Senna, Casualina, Calliadra, Cordia, Markhama and fruit trees	High potential for agroforestry planting, River Bank, Wetlands, Springs and planting in school and other institutions (School greening programme) There is potential for commercialized bamboo production as envisaged vision 2030.

Source: Forestry department, 2013

1.10.2 Main Forest Products

The main forest products include timber, poles, firewood, carvings, charcoal, posts, seedlings and honey. The high dependency on firewood and charcoal may result to depletion of forest cover in the county which is also aggravated by increased land subdivision.

1.10.3. Promotion of Agro-Forestry and Green Economy

Agro-forestry increases soil organic matter and available nutrients thus increasing farm productivity levels. The incorporation of fertilizer trees in the farms by planting

fast growing leguminous trees, using leaf biomass as green manure and using nitrogen fixing trees has provided necessary nutrients to food crops in the county. The *calliandra* tree is being planted on steep eroded slopes to provide stability and prevent landslides. The tree also builds soil fertility as it fixes nitrogen. The tree is also being used as stake for climbing beans and tomatoes.

The increase in the number of trees planted has greatly influenced a number of farmers to engage in beekeeping activities to obtain the much valued honey products. Farmers have been trained on improved farming practices through farmer field extensions, seed bulking of drought tolerant crops and soil fertility improvement practices. The promotion of kitchen garden establishments and promotion of tree crops continue to provide an extra income for households.

A total of 24.98 km of river banks have been protected to control siltation into the rivers. Hilltops have also been rehabilitated through tree planting. Communities as custodians of water resources have formed Water Resources Users Associations (WRUA's) which have been actively involved in planning, management and decision-making in the conservation of riverbanks.

The conservation of water catchment areas has increased the development of irrigation schemes which have increased food production for consumption and for sale outside the county. Integration of tree planting in farms has decreased the number of farmers who are dependent on a single staple crop. This diversity of plants has provided multiple harvests at different times of the year. The demand for tree seedlings has continued to increase and has benefited a number of individuals and groups as a result of sale of tree seedlings from their tree nurseries.

Trees planted in the county have helped to control soil erosion, improved water infiltration, provided land cover and acted as windbreaks. Environmental conservation and rehabilitation in the areas adjacent to rivers has greatly controlled siltation into the rivers. The rivers that flow through the county emanate from Mt. Kenya forest which is a huge water catchment area. There are a number of dams on the lower side of the county for hydroelectric generation which serves 70 per cent of the country with electricity.

The production of timber, poles, and fuel wood for both home consumption and sale has greatly increased. The tea factories that use fuel wood for tea processing have also planted more trees to cater for the cut trees. A number of fruit trees do very well in the county. The growing of trees such as mangoes, avocados, passion fruits and watermelons has improved the nutrition of the people in the county. This needs to be stepped up by providing water for irrigation to increase production.

1.11 Environment and Climate Change

Climate change refers to the significant variation of expected average weather conditions of a given location as observed over a period of at least 30 years. The climate of an area is defined by the interactions of various factors including uneven distribution of solar heating, specific responses of the atmosphere, oceans and land surface. Therefore, climate is paramount in contributing to socio-economic development and determining the availability and distribution of resources like water, wildlife and forests.

1.11.1 Major Contributors to Environmental Degradation in the County

The main contributors to environmental degradation in the county include, sand harvesting land degradation deforestation especially in farming areas, illegal logging and charcoal production in ASALs in Mount Kenya forest and wet land encroachment especially near major waterways in the county. In addition, the practice of farming on hilly areas particularly in Mbeere Sub county has also resulted to soil erosion which adversely affects the environment. Extraction of other building materials such as rocks and mud to make bricks also continues to degrade the environment.

i. Charcoal Production

Over 80% of Households in the county use charcoal energy. This is also a major social economic contributor in terms of employment and livelihood option. However it is viewed negatively as a course of environmental degradation due to limited information on sustainable technology on production, marketing and utilization. Currently KFS and other stakeholders have developed mechanisms to counteract this through charcoal rules and regulations, and production technology to make the industry vibrant and sustainable.

ii. Land degradation

This is the deterioration of productivity potential of particular land. In Embu County, land use consists of both the pastoral land and agricultural land uses. Agro-ecological zones in Embu are mostly Semi-humid to Arid. Land degradation is mostly caused by soil erosion, loss of agro-biodiversity, soil nutrient depletion, an inappropriate legal and regulatory framework and overreliance of rain fed agriculture. Growth of pastoralist's population and subsequent increase of the livestock population have led to the extension of grazing activity into semi-arid marginal lands causing severe degradation

In Embu County the problem is more prevalent in semi arid areas of the county. Land degradation in the county particularly in the semi arid zone of Mbeere is largely

driven by inappropriate land use, itself driven by many and interrelated factors including inappropriate development models and rapid increase in population that is highly dependent on natural resources without the use of appropriate technologies to increase land productivity sustainably.

iii. Loss of soil productivity

The inherent infertility of soils and soil erosion are major production constraints. On pasture land, the combination of overgrazing and raindrop impact cause soil compaction and surface sealing, leading to low infiltration rates and high runoff, water logging, and flooding. On crop lands continuous cropping by resource poor families has caused further nutrient mining and decline in soil fertility. This is exacerbated by inadequate use of technology and/or application of integrated crop-livestock, agro forestry farming systems and poor irrigation practices in the irrigated lands. The result is a downward spiral of degradation, with poor soils and vegetation cover impacting on agricultural productivity, ecosystem resilience, the hydrological regime and food security and poverty. Reduced soil biota and biological functions due to soil degradation are related to loss of soil organic matter (the substrate for soil life) and breakdown of the complex soil food web.

iv. Deforestation of hill tops and dry lands:

Encroachment of agriculture into marginal land and increasing demand for fuel wood, charcoal, timber etc. is causing rapid deforestation particularly in the lower zones of the county where barely every hill is under freehold. Lack of gazzement of the particularly significant hills like Kiangombe, Kianjiru and Kiambere and associated political influence has undermined sustainable management and conservation efforts being implemented by KFS and the local community.

Other particularly threatened are river banks, hilltop forests and bush lands, which are also facing increasing pressure from newly converted farmers as pastoralists' loose livestock and adopt cropping. Example of such areas within the project sites are Kiambere hill in Mbeere district. These areas are considered biodiversity hotspots and of high ecological importance due to the abundance of indigenous tree species, availability of medicinal plants, wildlife and non-wood forest products. Conservation of natural forest in hilltops is vital for maintenance of ecosystem services such as hydrological regulation and biodiversity conservation.

In addition, economic factors such as low incomes and inadequate participation in the market economy have kept production at subsistence level, with minimal

investment in improved practices. Cultural beliefs amongst the pastoralists and farmers that “nature is bountiful with infinite resources” have also contributed to the unsustainable practices. Another contributor of land degradation is deforestation of dry lands and marginal lands particularly in Mbeere. This is mainly caused by exploitation of fuel wood for biomass fuel to supply the neighboring KTDA in upper Embu and Kirinyaga, opening of new farm lands and charcoal production. Most of the affected trees are mainly indigenous varieties and the indigenous mango trees.

v. Recurrent droughts:

The low lying arid zones of the county are prone to cycles of drought. Increasing climatic variability and lack of knowledge among farmers to cope with unreliable rains have exacerbated the situation. While farmers are already dealing with the climate variability experienced in the last decades, the threat of significant climate change will make it harder for communities to keep adapting their practices accordingly. Based on climate change scenarios, it is estimated that the arid zones of the country will experience significant changes in precipitation and temperatures, with some places becoming wetter and others drier. These changes may pose dramatic impacts on the phenology, distribution and composition of grass species that form pastures for livestock, and upon which many people depend for their livelihoods.

vi. Sand Harvesting

This activity is taking place mainly along the river and spring basins and valleys in Mbeere, mainly for commercial exploitation and local consumption. The activity contributes to the following negative impacts:

- Soil erosion
- Water pollution
- Drying up of the springs
- Loss of biodiversity
- Damage to roads and drifts

The activity is prevalent in Marivwe seasonal stream, Thura, ciakithanga and other streams. The community feels that this activity needs to be controlled.

vii. Brick making in major wetlands

Brick making. In wetland areas that have clayey soils. This was seen to be increasing as more and more people in shopping centers use the bricks due to lack of suitable alternatives. This activity was also observed to be a significant user of fuel wood thus contributing to loss of tree cover near wetlands.

viii. Quarrying

A number of quarries exist within the county the major ones being Ngaduri, Wachoro and Kanyueri area in Ishiara. The uncontrolled small scale quarrying along river bends is a major contributor to river bank erosion along some streams in the county. There is high demand for building materials including rocks and ballast, which has led to the increased mining activities within the county.

There is very little rehabilitation that has been done and consequently, abandoned dangerous pits have been left. There are expected high rehabilitation costs, lack of appropriate tools/equipment, lack of awareness among the quarry owners and weak legislation instruments. These are some of the factors hindering rehabilitation.

Quarry workers are really poor, as observed and they claimed that, they are paid too little, yet they undertake a very hard task of extracting rocks and crushing ballast. High health risks including injuries by rocks or tools and falls are common. For instance, some have already lost their eyes, sustained injuries, while there are reported death cases as a result.

ix. Environmental Pollution

Pollution is the presence of harmful contaminants or substances in the environment arising from human activities. It refers to the quantities, characteristics and duration of the contaminants in the environment that are injurious to human, plant or animal life. Pollution takes several forms as listed below along with the particular contaminant relevant to each of them

x. Air pollution

This is the release of chemicals and particulates into the atmosphere. Common gaseous pollutants include carbon monoxide, methane sulfur dioxide, chlorofluorocarbons and nitrogen oxides produced by industries and motor vehicles.. Carbon dioxide and methane form the major air pollutants and associated to causing climate change.

Air pollution in the county is mainly from motor vehicles and dust. Fossil fuels produce carbon gases which lead to depletion of the ozone layer. Slaughterhouses mostly the ones previously run by the defunct county councils generate atmospheric odors' from animal wastes (hides, skins and hooves) and are a public nuisance in some towns but this is a negligible source of air pollution in the county. In the municipality air pollution from dust is prevalent. This situation is aggravated by the fact that the major bus stage in Embu town is unpaved.

Noise pollution

It encompasses roadway noise, vehicular noise, industrial noise, commercial and entertainment nuisances and emissions and high intensity sonar. Water pollution- this is mostly from discharge of waste water from industries intentionally or through spills into surface water, discharge of untreated domestic sewage and chemical contaminants such as chlorine from treated sewage, release of waste and contaminants into surface run off flowing to surface waters for instance agricultural runoff which may contain chemical fertilizers and pesticides.

xi. Land pollution

Waste materials that cause land pollution are broadly classified as municipal solid waste construction and demolition waste or debris and hazardous waste. Municipal solid waste includes non-hazardous garbage, rubbish and trash from homes, institutions, commercial and industrial facilities.

The major form of pollution in Embu County is land pollution which is as a result of poor solid waste management. There lacks a waste segregation (from source) recovery and effective and efficient disposal system in Embu county. For instance there is poor collection of waste from nearly all residential areas and towns in the county which has led to the dumping of wastes such as plastics, foodstuffs, rubber, metals, leather and glass along the roads and foot paths Most of this waste is non-biodegradable especially the polythene paper. The problem is further aggravated by

the fact that county government also doesn't have a efficient refuse removal system and a refuse disposal land fill.

xii. Water pollution

Water pollution in the county is mainly from coffee industries which discharge waste water into watercourses after pre- treatment or directly through seepage pits, this waste water has high biological oxygen demand that interferes with aquatic life. Poor agricultural practices are also to blame for water pollution in the county as persistent agrochemicals from unsustainable agricultural practices may be eroded off into river courses. This is because farmers use a lot of pesticides and inorganic fertilizers which may deposited in watercourses through surface runoff if erosion is not checked off in farmlands

In addition only about 5% of the entire Embu County is connected to municipal sewer. This contributes to overreliance on septic tank/soak pit systems in most of developments. This technology is not sustainable in the long run and greatly aggravates the potential of ground water pollution. There is thus the need for the county to develop a plan of expanding the sewer access and connectivity to at least 60% of all commercial facilities in the next five years.

1.11.2 Effects of Environmental Degradation

Land degradation reduces the land capability to satisfy a particular use. Land continues to be degraded with the situation projected to worsen in future. Droughts are most frequent and severe reducing per capita food production. An estimated 12million people (UNEP 2009) of the country's population depend directly on land and as the population continues to grow, the resource is expected to become increasingly degraded unless urgent remedial measures are taken. These considerable challenges are likely to threaten the economic, social and political stability of the country and to concomitantly negatively impact the delivery of vision 2030.

Loss of Biodiversity associated with reducing complexity, diversity and distribution range of all ecosystems due to habitat fragmentation: As cultivated areas expand the continuum of natural ecosystems has fragmented into smaller patches reducing the diversity of ecosystems and the species found in them. As the natural vegetation continues to be replaced by croplands, key species have migrated or have become locally extinct, giving way to the more common species (largely herbaceous weeds

and pests). Many indigenous species, products of long-term evolution of the ecosystem, do not tolerate heavy land use by farmers, grazers and settlers. Indigenous plant species are indeed on the decline while exotic and common species are on the increase. This means that availability of wild resources that people value, like food plants, medicinal plants, and other traditional plant resources are declining. Indigenous wildlife species are becoming fewer. Thus the reduction in complexity has cascading effects on biodiversity and ecosystem resilience and alters fundamentally the interaction between local people and their environment

Loss of Carbon sequestration value of land: Land use change and degradation particularly in the drylands are estimated to contribute to approximately 20% of emissions globally (IPCC, 2007b). Although plant biomass per unit area of land is low (about 6kilograms per square meter) compared with other terrestrial ecosystems (about 10-18 kilograms), the large surface area of the arid lands gives both carbon emissions and sequestration. Land degradation leads to increased carbon emissions through the loss of biomass when vegetation is destroyed and through increased soil erosion. Erosion, in turn, leads to increased carbon emissions in two ways: by reducing primary productivity, thereby reducing the potential of the soil to store carbon and through direct losses of stores organic matter.

Soil erosion, declining fertility and nutrient loading of water bodies: Structural changes in the plant cover, notably the loss of shrubs and trees, partly through browsing, but also through gathering of fuel wood and clearing and burning for agriculture has increased the exposure of the soil surface to accelerated water and wind erosion, removal of fertile top soils and loss of nutrient and seed stores. In some places this has led to the exposure of barren, locally hard-setting subsoil which resist re vegetation. This is accompanied by changes in soil surface conditions, notably compaction through trampling by livestock, leading to deterioration in soil - plant - water relationships, decreased rainfall use and reduced germination rate, particularly of the palatable species. A secondary and important effect of soil erosion is the nutrient loading of water bodies such as the Rivers Ena, Rupingazi and Tana,

which transport the soil in the seven folks dams. The areas where quarrying activities are being undertaken are also more prone to soil degradation.

Sustainable land management can be achieved by using a powerful national land use regulatory framework, minimizing land degradation through appropriate soil and water management strategies, reclamation of dry lands, protection of forests and other critical ecosystems, agro forestry and promotion of conservation agriculture and water harvesting technologies

The major effects of environmental degradation include soil erosion which also contributes to loss of soil fertility, drying of rivers due to encroachment on river banks and wet land areas and wildlife migration to other areas due to deforestation.

1.11.3 Climate Change and its Effects in the County.

Climate change is felt all over the world and continues to affect weather patterns in different regions. The county experiences its share of climatic change through increased periods of drought, erratic weather patterns and increased temperatures especially on the lower sides of the county.

Embu climate change scenarios and adaptation

Climate change is one of the most serious threats to sustainable development. Over the coming decades, global climate change will have significant, but yet uncertain impacts on food production and security, water availability, land use, health and energy supply. Embu faces substantial consequences due to the vulnerability, risks and impacts of climate change. While reduction of the emissions of greenhouse gases has been attempted in industrialized countries it has been deemed insufficient to avoid looming climate change impacts. With the potential risks from climate change on economic growth and poverty reduction in Embu adaptation to climate change is now a key issue in development planning.

Embu is already experiencing short term impacts from an erratic climate with cycles of droughts and crop failure in the lower districts. Current impacts on development and livelihoods from weather events in Embu may be extrapolated into even more extreme scenarios with the future impacts of human-induced climate change. The models for climate scenarios for Eastern Africa provide some direction but not robust scenarios on their magnitude, variability or direct impacts. The general longer term climate change scenario for Kenya is expected to include:

- higher temperatures and resulting increase in evaporation,
- increased precipitation except along the coast that may be drier,
- an increasingly erratic weather pattern resulting in more severe flash floods and droughts and lower weather predictability, and
- sea level rise in the coastal zone.

Climate change affects other environmental issues and may lead to loss of biodiversity, desertification, stratospheric ozone depletion, freshwater availability and air quality improvement or pollution which ultimately affects human beings enjoyment of the right to a clean and healthy environment. For example, cattle keepers, keep large stocks of animals that exceed the capacity of natural vegetation to feed them throughout hence causing land degradation. For cultivators, the same parcels of land are cultivated season after season without giving them time to recover the lost vegetation cover and soil nutrients. Land degradation therefore in this case becomes a consequence of unsustainable human activity.

1.11.4 Climate Change Mitigation Measures and Adaptation Strategies

Embu County needs to make the necessary and deliberate adjustments to prepare mitigation measures to cope with effects of climate change. Most of the disasters in the county are experienced as a result of extreme weather events due to climate change.

Adaptation comprises all actions aimed at enhancing the coping mechanisms to climate change which cannot be abated or mitigated thus reducing the magnitude of negative effects. These include prevention, tolerance, resilient, change of land use practices, relocation or initiating restoration of degraded environments. There are also damages to infrastructure such as roads, water supply pipes and housings roofing.

Mitigation measures aim at reducing negative impacts occasioned by loss of human life, death of animals, and destruction of infrastructure among others. This is attained through the application of modern and appropriate farming technologies, alternative approaches to mitigate effects, available opportunities and strategies to mitigate climate change. Coping mechanisms to climate change are sector specific allowing relevant and applicable interventions to be formulated and implemented.

Forest cover ensures that carbon sink and sequestration while at same time firming up soil thus preventing soil erosion. Tree planting will be encouraged as a way of enhancing forest cover and reducing environmental degradation. The water ‘Supply-side’ adaptive techniques involve changing structures, operating rules and

institutional arrangements. The water 'Demand-side' adaptive techniques involve water demand management e.g. efficient irrigation, water pricing, and emphasis on conservation, awareness raising campaigns, policies and regulations to encourage efficient use of water. The mitigation and adaptation measures for agriculture include: Diversification of crops to help cope with shifting rainfall patterns, using drought resistance/tolerant crops and promotion of good agricultural practices.

Mitigation and adaptation measures in health sector include: Strengthening the public health institutions to cope with increased occurrence of climate change related diseases e.g. malaria, cholera among others; and Intensifying public health campaigns and public participation on climate change related diseases. The transport mitigation and adaptation measures include: Good maintenance of road network to ensure high efficiency of vehicles and less emissions of GHGs and Enforcement of air quality regulations and standards

The county heavily relies on hydro generated energy which results in frequent power outages and blackouts during the dry spells. Mitigation and adaptation measures may include: diversification of to use of solar energy, wind energy, bio gas and promotion of wood energy efficiency and conservation through using improved stoves at household levels.

1.12 Mining

Introduction

The county integrated development plan for mining sector is driven by the need to ensure legitimization of appropriate mining ventures, adoption of competitive investment plan, and fair playing ground for all stakeholders, improved capital return and championship of value addition in mineral products. The aim of the model is to stimulate increased investor confidence that meets county government's prosperous vision, which envisages introduction of rates in compensation levies with spelt out sharing mechanism among investors, National Government and County Government.

In conceptualizing the CIDP, priorities are pegged on the department mandate, and responds to priorities contained in MTP II as well. The strategies envisioned address specific objectives of the county sectoral aspiration and takes into account stakeholder participation including technological innovation and information flow.

1.12.1 Ongoing Activities

According to the County Mines and Geological Department, no detailed Mineral Exploration has been conducted in the county, but there are quite a number of small scale mining activities going on. Key minerals in the county are shown below.

Table 25: Minerals in the County

MINERALS	LOCATION
KEY MINERALS	
Beryl Aquamarine	Irira, Kiambeere and Tharawa
Corundum Sapphire	Kiambeere and Tharawa
Blue Sapphire	Mwea National park
Corundum Garnet	Evurore
Topaz	Mavuria
INDUSTRIAL MINERAL	
Granite (Dimension Stone)	Muconoke
Iron Ore Deposits	Kianjiru hill
Cobalt Tantalite	Kiambeere and Kirii
Copper Ore	Ngiri
Felspar	Kiang'ombe, Kianjiru and Kiambeere
Galena	Kiritiri Kamangu hill
Graphite	Thabo hill Ishiara
Quartz	Kiambeere
Micas	Kiang'ombe, Kianjiru and Kiambeere
COMMON MINERAL	
Sand (weathering of metamorphic rocks)	All rivers in Mbeere North and Mbeere South
Building stones (grey and pink tuff)	Nganduri, Munyori and Siakago
Ballast rocks (Phonolite and basalts)	Karurina and along Embu-Kathageri road, Tebere, Ishiara
Murram	Kagaari South

Source: County Department of Mines and Geology, 2013

1.12.2 Mining Potentials

The county borders Tharaka-Nithi which has deposits of iron ore and Kitui County which has deposits of coal. By the position of the county it is clear that the Mui basin cuts the Kitui County and the iron ore belt of Tharaka-Nithi could be spreading through Mbeere part of the county. Adequate geological exploration should be undertaken to establish the existence of minerals. Furthermore, the stone quarrying and gravel crushing activities undertaken in small scale can be up-scaled given the large amount of rocks in the country.

1.13 Tourism

1.13.1 Main Tourist Attractions

Tourism is a key sub-sector that has a high potential in the county for both local and international tourists. Some of the available sites include caves, waterfalls and rocky hills for rock climbers. Tourists visiting Embu County will also be able to engage in rock climbing at the Karue hill that towers along the Embu-Meru highway.

The county is also a gateway to Mt. Kenya which, if aggressively marketed can bring huge incomes to the county. The county is also a host to a number of hydro-electric power dams which are a source of tourist attraction for both local and international tourists. Wildlife is also a significant source of attraction for tourists.

Two national parks namely; Mwea and Mt Kenya that are managed by KWS have great potential for the tourism industry in the county. Mwea game reserve is home to species such as the Elephant, lesser kudu, Nile crocodile, hippo, giraffe, Burchell's zebra, buffalo, leopard, grey duiker, black-backed jackal, bushbuck, waterbuck, olive baboon, sykes' monkey, serval cat, spotted hyena, warthog, rock hyrax, bush pig, impala and hartebeest. Rare animals like; Stripped ground squirrel, Genet cat and Black backed jackal yellow baboons. Over 200 species of birds are also to be found in the reserve which is renowned for its water birds and waders. Mwea game reserve is the only protected area in which the globally threatened and Kenya-endemic Hinde's babbler is known to occur. The reserve also shelters two other rare species; Pel's fishing owl and the white-backed night heron.

In Mt. Kenya National Park, wildlife species include Elephants, tree hyrax, white tailed mongoose, suni, black fronted duiker, mole rat, bushbucks, water buck and Elands. Animals rarely seen include leopard, bongo, giant forest hog and rhino. Over 130 bird species are also available in the National park.

Other potential tourist attractions include the Nthenge Njeru waterfalls near Kirimiri. A trip to Mwenendega and the Mbui Njeru waterfalls can be an exciting experience. There are caves near these waterfalls and others inside Kirimiri forest hill which are historically significant as they served as the hideouts for Mau Mau freedom fighters.

The Mwea National Reserve which is located within the lower parts of Embu County at a distance of about 200km from Nairobi. It is a major attraction site for wild game viewing boat rides at Kamburu dam, hippo point, rare birds watching and a walking circuit. Its ecosystem comprises of small hills with bushy vegetation and scattered bushes of acacia and baobab. It is also the meeting point of rivers Tana and Thiba, Kamburu and Masinga hydro-electric dams, which harbor variety of biodiversity.

1.13.2 Heritage sites/ Monuments

Sites – Area with cultural values connected to the society with which they identify with.

Monuments – Man made attraction sites with cultural values and form the tangible cultural heritage and are a nation’s immovable heritage. These landscapes are a testimony of identities and shared aesthetical values. Refer to **Annex 7**

1.13.5 Cultural diversity

The county is endowed with rich and diverse culture that can attract tourists. The famous authentic drummers (nguutha, Kilumi, Njai) dance is unique to the county. The following may boost cultural tourism;

- i. Heritage sites eg. Maumau Caves, monuments, waterfalls, e.t.c.
- ii. Authentic drummers (Nguutha, Kilumi, and Njai) dance unique to the county.
- iii. Art works crafts, culinary, e.t.c.
- iv. Hills and sceneries

1.13.6 Main Wildlife

There are a variety of wildlife species such as elephants, buffalos, lions, bush bulks, baboons, Columbus monkeys and numerous species of birds. Hippos and crocodiles can also be found on the dams and rivers that traverse the national reserve.

1.13.7 Tourist Class Hotels

The Embu town has many hotels offering a range of accommodation services from luxurious to budget bed and breakfast. Hotels in Embu such as Izaak Walton, Country View hotel, Panesic Hotel and the Kryptonite Hotel have modern conferencing facilities. The total bed occupancy in the county is 1,196. Enumerated hereunder are the numbers of classified hotels, unclassified Hotels and other accommodation facilities and Restaurants.

The last Hotels and Restaurants Classification was carried out in 2002. ***Kenya Gazette notice number 3976 dated June 13 2003.*** The Department of Tourism is

in the process of Classifying Hotels & Restaurants (EAC Classification Criteria) having already completed phase one (Coast Region).

1. Classified Hotel

- Izaak Walton Inn - Three Star - 110 Beds

2. Unclassified Hotels

No.	Establishment	Location(Sub-County & Ward)	Bed Capacity	Conference Capacity
1	Panesic Hotel	Embu West-Kirimari	32	150
2	Prestige Guest Hotel	Embu West-Kirimari	80	340
3	Kryptonite Hotel	Embu West-Kirimari	26	70
4	Country View Hotel	Embu West-Mbeti North	32	100
5	Maina Highway Hotel	Embu West-Kirimari	115	250
6	Slopes Villa	Embu West-Kirimari	30	100
7	Grand Venus Hotel	Embu West-Kirimari	19	100
8	New Thuci River Lodge	Embu East-Kyeni South	20	140
9	Royal Minni Inn	Embu West-Kirimari	40	150
10.	Pearl Spring Hotel	Embu West-Kirimari	14	40
11.	Catch 22 Hotel	Mbeere South-Mbeti South	15	25
12.	Whispering Hills Hotel	Embu West-Mbeti North	24	80
	Total		447	1545

3. Other accommodation facilities and Restaurants

No.	Establishment	Location(Sub-county & Ward)	Bed Capacity	Conference Capacity
1	Doka Bar And Restaurant	Embu East-Central	-	50
2	Equator Guest House	Mbeere South-Mwea	25	40
3	Jaza Hotel	Embu East- Central	18	70
4	Al Aswand Hotel	Embu East- Central	6	50
5	Smooth Inn	Embu East- Central	-	-
6	Sheriff Meat Den Bar And Restaurant	Embu East- Central	10	80
7	Demand Parkside Rest.	Embu East- Central	-	20
8	Village Castle	Embu East- Central	5	150
9	Starche Bar And Rest.	Embu East- Central	5	-

No.	Establishment	Location(Sub-county & Ward)	Bed Capacity	Conference Capacity
10.	Hotel Willstar	Embu East- Central	15	20
11.	Garu Centre-Hotel	Mbeere South-Mbeti South	14	-
12.	Acacia Villa	Mbeere South-Mbeti South	14	-
14.	Rosesteve Enterprises	Embu West-Kirimari	-	-
15.	Baraka Guesthouse	Embu West-Kirimari	27	25
16.	Gerish-Kuku Joint	Embu West-Kirimari	-	-
17.	Gerish Hotel	Embu West-Kirimari	25	130
18.	Owoods Lodge	Embu West-Kirimari	20	150
19.	Naivas Ltd. Snacks Rest.	Embu West-Kirimari	-	-
20.	Kahawa Hut-Uchumi Supermarkets	Embu West-Kirimari	-	-
21.	Eden Park Safari Lodge	Embu West-Kirimari	39	30
22.	Country View Downtown	Embu West-Kirimari	8	-
23.	Kwetu Lodge	Embu West-Kirimari	7	-
24.	Canan Guest House	Embu West-Kirimari	10	25
25.	Sunrise Comfort Hotel	Embu West-Kirimari	55	180
26.	Valley View Prime Lodge	Embu West-Kirimari	26	100
27.	Salkan Hotel	Embu West-Kirimari	43	120
28.	Royal Eagles Nest	Embu West-Kirimari	8	-
29.	Imperial Hotel	Embu North-Ruguri Ngandori	6	-
30.	Leaders Bar And Rest	Embu North-Ruguri Ngandori	10	-
31.	Palace Restaurant	Mbeere South -Mwea	30	-
32.	Classic Bar And Rest	Mbeere South-Mwea	10	-
33.	Kiritiri Guest House	Mbeere South-Mbeti South	5	-
34.	Rupingazi Inn	Embu West-Kirimari	14	200
35.	Junction Guest House	Embu West-Kirimari	20	-
36.	Montiego Restaurant	Embu West-Kirimari	-	-
37.	Vyenzinina Hotel	Embu West-Kirimari	12	-
39	Hotel Kikwetu	Embu-West-Kirimari	-	-

No.	Establishment	Location(Sub-county & Ward	Bed Capacity	Conference Capacity
40.	Quekin Hotel	Embu East-Kyeni South	13	-
41.	Golden Villa Guest House	Mbeere North-Evuvore	19	
42.	Juja Paradise	Embu East-Kaagari South	-	-
43.	Friends Corner Rest.	Embu North-Ruguri Ngandori	10	-
44.	Swampland Inn	Embu East-Kyeni South	-	70
45.	Sideview Hotel	Embu East-Kyeni South	11	30
46.	New Wonderland Fishing Lodge	Mbeere North-Evuvore	70	450
47.	Check Inn Hotel	Mbeere North-Nthawa	3	20
48.	Felana Hotel	Mbeere North-Nthawa	10	20
49.	Inner Peace Resort	Mbeere North-Nthawa	-	120
50.	Denkin Travelers Hotel	Mbeere North-Nthawa	-	-
51.	Munzi Restaurant	Mbeere North-Nthawa	16	-
52.	Kerith Cottage	Mbeere North-Nthawa	-	-
53.	Shashamane International	Embu West-Kirimari	5	-
54.	Silver Plate Restaurant	Embu West-Kirimari	-	-
55.	Nile Choma	Embu West-Kirimari	-	-
56.	Silent Bar And Rest	Embu West-Kirimari	3	-
57.	Rehana Café	Embu West-Kirimari	-	-
58.	Catch 22 Hotel	Mbeere South-Mbeti South	15	25

Source: Embu County Tourism Department, 2013

1.14 Industry

The Status of existing industries in Embu County is as tabulated in the table below:

Table 26: Industries (including cottage industries) in the County

INDUSTRY	DISTRICT	WARD	PHYSICAL LOCATION	PRODUCTS
RUKURIRI TEA FACTORY	EMBU EAST	KYENI NORTH	RUNYENJES	BLACK TEA

INDUSTRY	DISTRICT	WARD	PHYSICAL LOCATION	PRODUCTS
MUNGANIA TEA FACTORY	EMBU EAST	GATURI NORTH	KIANJOKOMA	BLACK TEA
PRIOLITY FEEDS	EMBU WEST	MBETI NORTH	EMBU	ANIMAL FEEDS
KATHANGARIRI TEA FACTORY	EMBU NORTH	NGINDA	KATHANGARIRI	BLACK TEA
MBEERE HONEY	EMBU	KIRIMARI	EMBU TOWN	REFINED HONEY
EMBU PRISON INDUSTRY	EMBU WEST	KIRIMARI	EMBU TOWN	WOOD PRODUCTS
TEBEERE CONCRETE	MBEERE SOUTH	MWEA	KARABA	BALLAST
ASPEN ORCHARDS	EMBU WEST	KIRIMARI	EMBU B/VALLEY	YOGHURT
NDUNGU SPICES	EMBU WEST	KIRIMARI	EMBUMARIGITI	SPICES
MUTWIRI'S EMBROIDERY	EMBU WEST	KIRIMARI	EMBU TOWN	TABLE CLOTHES, BEDCOVERS PILLOW CASE COVERS
FAITH MULTICRAFT	EMBU WEST	KIRIMARI	EMBU TOWN	CURTAINS, BAGS
KAPARI FLOUR	EMBU EAST	GATURI NORTH	KAVUTIRI	FLOUR
MARSH ELECTRICALS	EMBU WEST	KIRIMARI	EMBU TOWN	WELDING MACHINES & BATTERY CHARGERS
BANETTS BAKERS	EMBU WEST BOX 2011 EMBU TEL NO: 0723935522	KIRIMARI	EMBU TOWN	CAKES
FLAVOUR TRADERS	EMBU WEST BOX 1607, EMBU TEL:0722498069	KIRIMARI	EMBU TOWN	CAKES
ERANGI FOOD PROCESS LTD	EMBU WEST BOX 2002 EMBU TEL: 0722561495	KIRIMARI	EMBU TOWN	COMPOSITE UJI FLOUR ELEGANT UGALI FLOUR, HONEY
LEATHER SHOP	EMBU WEST BOX 288 EMBU TEL:0704157527 1997	KIRIMARI	EMBU TOWN	SHOES LEATHER JACKET WALLET BELTS KEYHOLDER HANDBAGS

INDUSTRY	DISTRICT	WARD	PHYSICAL LOCATION	PRODUCTS
EMBU FOOD INDUSTRIES LTD	EMBU WEST BOX 2215 EMBU TEL:068-31747	KIRIMARI	EMBU TOWN	BESTA MAIZE MEAL
KINYANJUI CURSIONS & UPHOLESTRY	EMBU WEST BOX 1400 EMBU TEL:0724546020	KIRIMARI		CAR CUSHIONS LEATHER BAGS
CHRISTOPHER KINYUA	EMBU WEST BOX 42, EMBU <u>TEL:0721345513</u>	KIRIMARI		JIKOS,GUTTERS WATERING CANS WASHING BUCKETS
MAMA NDUTA ENTERPRISES	EMBU WEST BOX 9 EMBU TEL:0722304929	KIRIMARI	EMBU TOWN	MAIZE FLOUR SORGHUM FLOUR
MAJALIO INVESTMENT	EMBU WEST BOX 2357 EMBU	KIRIMARI	EMBU TOWN	SHOES HAND BAGS
MWAFRICA METAL WORKSHOP	EMBU WEST BOX 954 EMBU TEL:0718543699	KIRIMARI	EMBU TOWN	JIKOS D/TABLES KNIVES PANGAS FORKJEMBES
SPRINGSAND BAKERS	EMBU WEST BOX 33 EMBU TEL:0721661573	KIRIMARI	EMBU TOWN	CAKES
WAUSTIN ENTERPRISES	EMBU WEST BOX 114, KIRITIRI TEL:0722967783	KIRIMARI	MAVURIA-KIRITIRI	JIKOS OVENS GUTTERS
ANTONY MUKUNDI METAL WORK	EMBU NORTH BOX 128 MANYATTA		GACHOKA-KIRITIRI	METAL GATES, WINDOWS, DOORS,WHEELBARROWS, CHAIRS
KIMS MACHINERY METAL WORKSHOP	TEL:0723399203		SIKAGO-MBEERE NORTH	WINDOWS GATES DOORS P/MILL MACHINES
KELVIN MUGENDI KUMENYA	MBEERE NORTH 0726831740		SIKAGO-MBEERE NORTH	CURVING BIRDS

INDUSTRY	DISTRICT	WARD	PHYSICAL LOCATION	PRODUCTS
SILAS MURITHI WORKSHOP	EMBU EAST TEL:0711389798 TEL:0733719013		KANJA-EMBU EAST	WASHING BUCKET OVEN CHARCOAL BROILER MACHINE CHICKEN INCUBATOR RAT TRAPS
JOSEPH IRERI WAMGUMA METAL SHOP	EMBU NORTH TEL:0715812790		NGUTHI-EMBU NORTH	JIKOS WATER CANS CHICKEN CANS BOXES PANS
MAMU ELECTRICAL	MBEERE NORTH BOX 100ISHIARA TEL:0727317849		EVURORI- MBEERE NORTH	S/WINDOWS S/DOORS SANDLE CRAMPS CARTS WHEELBARROWS
MATHEW GICHOVI IRERI METAL WORKS	EMBU WEST BOX 496 EMBU TEL:0716703317	KIRIMARI	NGARIAMA- EMBU WEST	S/WINDOWS S/DOORS S/GATES
GITHURE FURNITURE	BOX 356 EMBU TEL:0724285606		RUNGETO-	S/SETS C/TABLES W/UNITS W/ROBES
EDSA FEEDS	MBEERE NORTH BOX 475 EMBU		UGWERI-EMBU	FLOUR MAKING ANIMAL FEED MAKING EDIBLE OIL PROCESSING
CHROME ENGINEERING	EMBUEAST		ENA-EMBU	WATER PURIFICATION FILTERS
BELLS CONSTRUCTION CO. LTD	MBEERE NORTH		ISHIARA-EMBU	BALLAST AND CONCRETE PRODUCTS
CANAN GARDENS LTD	EMBU WEST BOX 1744-60100 EMBU	KIRIMARI	EMBU TOWN	MINERAL WATER, HONEY , LEMON VINEGAR AND MORINGA

Source: Embu County Industrialization Department, 2013

These industries are mainly small scale agro-processing, mining, wood carving, textile and mineral water packaging.

1.15 Employment and Other Sources of Income

1.15.1 Labour Force

According to projections based on the 2009 Population and Housing Census, the county has a labour force of 295,565 persons, 145,145 of whom are female and 150,417 are male. The majority of the labour force is engaged in tea, coffee and miraa picking, transport sector (Matatu and Bodaboda), sand harvesting, stone quarrying among others. The labour force is mainly unskilled with high incidences of child labour especially in Mbeere south and North regions. The labour force growth is at 1.4% per annum.

Table 27: Population by labour force

Age Group	2009(Census)			2013(projections)			2015(projections)			2017(projections)		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Labour force (15-64)	145,148	150,417	295,565	153,508	159,081	312,589	157,867	163,598	321,465	162,350	168,243	330,593

Source: KNBS, Population and Housing Census 2009

1.15.2 Wage Earners

The number of wage earners in Manyatta and Runyenjes constituencies is 162,770 while in Mbeere North and Mbeere South constituencies, the number is 114,278 persons. This represents 52.5 per cent of the total population in Manyatta and Runyenjes constituencies and 49.98 per cent of the population in Mbeere North and Mbeere South constituencies respectively.

1.15.3 Self-employment

Self-employment is relatively low. The self-employment rate in the urban setting is 7.5 per cent of the total population while it stands at 10.2 in the rural areas. Those in urban areas engage in small scale businesses as well as retail and wholesale businesses. The *jua kali* sector also contributes significantly to self-employment in

urban and market centres. In rural areas the engagement is mainly in cash crop farming including tea, coffee, *mirua* and dairy farming.

1.15.4 Unemployment Levels

According to the 2009 population and Housing census, 8016 persons amounting to 2.5 per cent of the population in Manyatta and Runyenjes constituencies were unemployed. In Mbeere North and Mbeere South constituencies, 11, 372 persons amounting to 5.9 per cent were unemployed.

1.16 Water and Sanitation

1.16.1 Water Resources and Quality

Provision of clean and safe water for domestic use and irrigation is important in the county. The county is served by six major rivers; Thuci, Tana, Kii, Ruingazi, Thiba and Ena. The above rivers are served by the following tributaries Thambana, Nyanjara, Gichangai, Itimbogo, Kapingazi, Kirurumwe,, The county also shares some major dams, which generate hydroelectric power for the country with Machakos and Kitui Counties. These dams are Kiambere, Gitaru, Kindaruma, Kamburu and Masinga all of which are situated along the Tana River.

The dams are mainly used for generation of H.E.P. and are therefore managed by KenGen except Masinga Dam which is managed by TARDA. Masinga Dam is minimally used for small scale irrigation. Water sporting is also minimally evident in Masinga Dam. Small scale fishing is practised in the dams. There are also water pans in the county such as Mugwanjogu, Cieria, Iviuva and Kaaria. Water from these water pans is mainly used for domestic purposes.

1.16.2 Water Service Providers

There are 16 water service providers in the county which provide piped water to approximate 35% of the county population. The service providers are as listed below and the area they cover.

Table 12: List of Water Service providers

Water Service Provider	Name of area supplied	Coverage in area of operation
Ewasco	Embu municipality, Itabua, Muthatari, Gachoka, Kiamuringa, Muchonoke, meka , Nganduri and Kiritiri	60%
Itabua/Muthatari	Itabua and muthatari	55%
Kithimu/Kithegi	Kithimu/ Kithegi sub-locations	40%
Ngandori/Nginda	Ngandori/ Nginda , Gatituri	60%
Ngagaka	Ngandori ,/ Gaturi Kagaari	60%

Water Service Provider	Name of area supplied	Coverage in area of operation
Kyeni	Karurumo, mufu	50%
Kigaa	Kigaa sub location	50%
Kithunguthia	Kavangua,Ena,Ugweri	60%
Kararitiri	Ngandori, Kararitiri,	55%
Karimari/rutune	Karimari and rutune	40%
Embewasco	Nthawa,siakago Ishiara	45%
Makengi	Makengi sub location	40%
Njiga	Njiga village	30%
Uvariri village	Uvariri village	35%
Kune	Siakago	40%
Mirundi/ Karurumo	Mirundi and karurumo village	30%

Source: Ministry of Lands, Water, Environment and Natural Resources, 2013

1.16.3 Water Sources

The main sources of drinking water in the county include rivers, piped water, wells and boreholes, dams, springs and pans. The County is served by six major rivers; Thuci that borders Tharaka- Nithi that borders, Tana that borders machakos county, Kii forms the boundary to Kirinyaga County, Rupingazi forms the boundary to kirinyaga, Thiba and Ena. All these major rivers originate from Mt. Kenya forest in Manyatta and Runyenjes constituencies, . 30.1 per cent of the population get water from rivers, 35. Per cent from piped water and 21 per cent from dug well. In Mbeere North and Mbeere South constituencies, 40.4 per cent get water from rivers, 8.2 per cent from piped water, 23.7 per cent from dug wells and 10.9 per cent from boreholes.

1.16.4 Sanitation

According to the 2009 Population and Housing census, majority of the people in the county use pit latrines for human waste disposal. In Manyatta and Runyenjes constituencies, 2,935 persons used main sewer, 3,676 used septic tanks, 412 used pools, 9,067 used VIP latrine, 63,581 used pit latrines, while 267 used other methods of human waste disposal such as bucket and bush. In Mbeere North and Mbeere South constituencies, 329 persons use main sewer, 400 use septic tanks, 57 use cess pools, 3,173 use VIP latrines, 45,504 used pit latrines, while 2,082 persons used other methods of human waste disposal such as buckets and bush. Of all urban centres in the county, only Embu has a sewage treatment plant that does not have adequate capacity to serve the whole town.

1.17 Health Access and Nutrition

1.17.1 Health Access

The county has a health infrastructure comprising of both public and private facilities. It is the host to Embu Provincial General Hospital and three district hospitals; Runyenjes, Siakago and Ishiara. There are also a large number of smaller health facilities across the county.

The County has a total of 157 facilities that comprise of 9 are hospitals, 16 health centers and 132 are dispensaries. 50 percent of the facilities are owned by the government, 33% are owned by private and 17% are owned by faith based organizations. However, approximately 56 percent of the health centers and hospitals are owned by government indicating increased reliance on public facilities for curative healthcare services. Table 10 details the distribution of health facilities in Embu County by level of care, sub-county and ownership. The table includes clinics situated at academic institutions, one hospice and one regional blood transfusion centre.

There are 39 registered herbalists the county. They form about 10% of the herbalist population. About 80% of the herbalists are running home clinics. Another 10% operate mobile clinics where they carry their products in briefcases. Products from the herbalists include powder form of ground medicinal roots, barks, leaves, capsules, soaps and creams. There a number of challenges faced in this sector that include:

- ✓ There are many herbalists practicing in Embu County who are not registered
- ✓ felt need to have a baseline survey on their actual numbers, location of practice and possible gaps in their trade
- ✓ Need to assess and do capacity building in areas of policy concerns

A comprehensive list of herbalists is attached under **Annex 4**.

1.17.2 Nutritional Status

According to the Multiple Indicator Cluster Survey 2008 and standardized monitoring in relief and transition, the nutritional status for children under five years is as given in **Table 28** below:

Table 29: Nutrition status for Children under 5 Years

Indicator	Runyenjes (%)	Manyatta (%)	Mbeere North (%)	Mbeere South (%)
Underweight prevalence	10.4	10.4	15.9	15.9
Stunting prevalence	23.7	23.7	40.9	40.9
Wasting prevalence	1.5	1.5	3.9	3.9
Timely initiation of breastfeeding	45.5	45.5	73.8	73.8
Exclusive breastfeeding rate	33.5	33.5	43.6	43.6
Continued breastfeeding at 12 -15 months	92.7	92.7	98.1	98.1
Continued breastfeeding at 20 -23 months	61.7	61.7	61.4	61.4
Timely complementary feeding rate	86.8	86.8	82.8	82.8
Frequency of complementary feeding	79.8	79.8	77.1	77.1
Adequately fed infants	59.8	59.8	61.2	61.2
Iodized salt consumption	97.3	97.3	97.9	97.9
Vitamin A supplementation (under 5)	62.7	62.7	45.5	45.5
Vitamin A supplementation (post-partum mothers)	70.7	70.7	60.4	60.4
Low birth weight infants	11.5	11.5	8.8	8.8
Infants weighed at birth	95.3	95.3	68.3	68.3

Source: Multiple Indicator Cluster Survey 2008 & Standardized monitoring in relief and transition 2013.

1.17.3 Immunization Coverage

According to the Multiple Indicator Cluster Survey 2008, the figures for immunization coverage by 12 months of age is as given in table 29 below:

Table 30: Immunization Coverage

Indicator	Runyenjes and Manyatta Constituencies (percentage)	Mbeere North and Mbeere South Constituencies (percentage)
Tuberculosis immunization coverage	97.0	98.8
Polio immunization coverage	85.3	91.8
DPT immunization coverage	96.8	96.7
Measles immunization coverage	95.8	94.1
Fully immunized children	74.3	85.8

Source: Multiple Indicator Cluster Survey 2008

1.17.4 Access to Family Planning Services

According to the Multiple Indicator Cluster Survey 2008, 61.2 per cent of women aged 15-49 years who are married or in union in Mbeere North and Mbeere South Constituencies were using, or their partners were using traditional or modern contraceptive methods. The situation in Manyatta and Runyenjes is however different, with a higher percentage of 75.1.

The same survey also recorded that the proportion of women then married or in union and were fecund and wanted to space their births or limit the number of children they have but were not using contraception was 1.6 percent in Manyatta and Runyenjes constituencies and 2.5 percent in Mbeere North and Mbeere South constituencies.

1.18 Education and Literacy

1.18.1 Pre-School Education

According to the County Education Department, a total of 13,975 pupils, 7,261 of who are boys and 6,714 are girls, attend public ECDE centres while a total of 5,810, of whom 2,907 are boys and 2,903 are girls attend private ECDE centres.

1.18.2 Primary Education

The county has 482 primary schools with an enrolment of 128,688 pupils. The gross primary school enrolment rate is 119 per cent. Of this, boys are 49.8 per cent while girls are 50.2 per cent of the total enrolment. The total population of primary school going age is 107,939 indicating that more children are either enrolled earlier or later than the school going age.

Teacher pupil ratio for primary schools in Embu County

Sub-County	Teacher: Pupil Ratio for Primary Schools
Runyenjes	1:32
Manyatta	1:34
Mbeere North	1:29
Mbeere South	1: 31

Source: Embu County TSC Directorate, 2013

1.18.3 Secondary Education

There are 176 secondary schools in the county with a teacher/pupil ratio by Sub-county is as given below. The total student population is 36,759 while that of teachers is 1,483. The gross secondary school enrolment rate stands at 81 per cent.

Teacher pupil ratio for secondary schools in Embu County

Sub-County	Teacher – Pupil Ratio for Secondary Schools
Runyenjes	1:26
Manyatta	1:25
Mbeere North	1:25
Mbeere South	1: 22

Source: Embu County TSC Directorate, 2013

1.18.4 Tertiary Education

There are two campuses and a constituent college for public chartered universities, one private university, four private colleges' three teacher training colleges, and three government middle level training colleges in the county.

CHAPTER TWO:

**COUNTY SOCIO-ECONOMIC DEVELOPMENT,
CHALLENGES AND STRATEGIES**

2.0 INTRODUCTION

This chapter discusses at length the major development challenges facing the County. It further highlights cross cutting issues such as population growth, poverty, environment, HIV and AIDS, gender etc. A SWOT analysis of each cross cutting issues is also provided. Finally a detailed matrix with an analysis of major development issues, their causes, objectives and the proposed strategies and targets are discussed.

2.1 Major Development Challenges

The County is highly endowed with abundant resources such as human capital and business opportunities. The Government has been putting in place various strategies which seek to ensure effective utilisation of resources through implementation of various projects and programmes. A number of challenges continue hindering development.

i. Poor Infrastructure:

Physical infrastructure is an enabler that facilitates the growth of other sectors. Provision and maintenance of existing physical infrastructure and providing a utility sector (water, sewerage and electricity) contribute to economic and social development of the county. This will assist in addressing the poor state of the county's infrastructure that has been caused by mismanagement, heavy rains and poorly developed terrain and valleys. The current state of infrastructure in the county is a major constraint to improved agriculture production and marketing and has contributed greatly to rising levels of poverty. The county has poor and inadequate road network which is sometimes impassable. Delivery of horticultural crops, milk and tea leaves to markets and factories are affected during the rainy season by poor road network. The energy supply is also inadequate. There is therefore need for enhancing infrastructural development and accelerating the speed of completion of infrastructure programmes and projects so as to ensure that they play a catalytic role in county's development. Once this is done, the county residents will greatly benefit in marketing of their produce and in starting agro-processing industries and other economic activities.

In the energy sub-sector, wood fuel accounts for approximately 85.4 per cent of the County energy source while rural electricity accounts for only 0.2 per cent and LPG accounting for 0.8 per cent. Priority in the sub sector will therefore be on shifting the pattern of consumption towards the renewable sources of energy such as hydro, solar and wind in order to enhance environmental protection. Rural electrification requires to be

intensified to increase access of electricity as an alternative source of energy in the county.

ii) Food Insecurity

Embu County is food insecure in terms of staple food and sometimes relies on relief food supplies especially in areas at the lower side of the county like Muminji, Kiambere and Evurore. Food insecurity is attributed to several factors that include: inadequate and unreliable rainfall, poor terrain, small parcels of land, poor soil fertility, poor coverage by extension services, and concentration in growing of cash crops such as coffee, tea, high prices of farm inputs and poor storage facilities.

To address the problem of food insecurity, efforts will be made to enhance extension support services, subsidize farm inputs and discourage further sub-division of land. Small horticulture irrigation projects will be initiated while extension services on food preservation, storage and marketing as well as animal production and health will be intensified. Community members will also be enlightened on the available wealth creation opportunities in the county.

iii) Low Productivity in Agriculture

Over 80 per cent of the households in the county depend on agriculture and related activities. The main challenges are that agricultural land is limited and the supply of farm inputs is irregular particularly for non-cash crop growers who are not members of cooperative societies. Prices of the inputs are high and the distribution not well coordinated. Shortages of inputs lead to low productivity in maize, beans, Irish potatoes and cabbages. These being the main staple food crops in the county the socio-economic welfare of the populace are affected since there is always a shortage of these commodities.

Cattle fodder is in short supply due to inadequate rainfall and also because land is scarce. Manufactured feeds for cattle and poultry are too expensive for farmers and this affects the county economy.

iv) Ineffective Coordination of Projects/ Programmes

There is lack of integration in the implementation of most programmes and projects in the county. Currently most sector programmes are planned and implemented independently leading to uncoordinated project implementation and wastage of scarce resources. In addition, the devolved funds programmes fall under different acts of parliament - e.g. the CDF Act, the Local Government Act among others - making project implementation and coordination less efficient in achieving the stated

objectives. There is need to ensure harmony in implementation of various projects and programmes. In the new constitutional dispensation, it is hoped that implementation of development programmes and projects at the county level will be streamlined.

2.2 Cross Cutting Issues

The cross-cutting issues in the county include: high poverty levels, high unemployment levels, HIV and AIDS, disaster risk reduction, gender inequality, environment management, ICT, youth, persons with disabilities and security.

i) High Poverty Levels:

Poverty is a national issue cutting across age, gender, urban and rural populations. The Poverty levels in the County as per the 2005/2006 KIHBS are 40.8 per cent. Rising levels of poverty is the main cause of the increasing cases of child neglect, child labour, increasing school drop-out and crime rates. Poverty is the single most factor affecting development in a number of ways. The level of farm productivity depends on the investment in farm inputs. The poor are forced to use low technologies and low quality farm inputs. The exploitation of natural resources such as forests in search of wood fuel and eventual degradation of the environment mostly affects the poor.

SWOT Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Agriculturally productive soils. • Adequate water for irrigation due presence of rivers Tana, Thuci, Ena, Rupigazi, Kii and Thiba. • Expansive land in Mbeere North 	<ul style="list-style-type: none"> • Poor road network to connect farm produce to markets. • Lack of value addition industries for agricultural produce. • Inadequate collateral to secure credit 	<ul style="list-style-type: none"> • Kenya Vision 2030 projects and programs. • Increased development partner interest in the county development activities e.g. APHIA Kamili, Care Kenya, Action Aid. 	<ul style="list-style-type: none"> • HIV/AIDS pandemic; • Overdependence on donor assistance; • Insecurity • Rising youth unemployment levels • Environmental degradation

<p>and Mbeere South areas for mechanized agriculture.</p> <ul style="list-style-type: none"> • Presence of high value crops such as macadamia, tea and coffee in Manyatta and Runyenjes areas. • Availability of tourist attraction sites such as Mwea game reserve, Mt. Kenya, Kiang'ombe hill, Karue hill, waterfalls as well as a rich and diverse cultural heritage. • A vibrant financial sector with institutions which avail credit to the population (e.g. Banks, SACCOs and Micro-Finance Institutions). • Presence of a number of 	<p>facilities;</p> <ul style="list-style-type: none"> • Lack of proper markets for agricultural produce. • Inadequate water distribution infrastructure. • Subsistence agriculture practiced by most farmers. 	<ul style="list-style-type: none"> • County revenue collection from rates, cess, levies and permits. • Devolution of coordination, decision-making and management of resources as per the Constitution 2010. • Devolved funds such as CDF, CDTF etc. • Women Enterprise Fund; • Youth Enterprise Fund; 	<p>e.g. illegal sand harvesting, deforestation, and quarrying.</p>
---	--	---	--

NGOs addressing poverty (e.g. Care Kenya, Redcross and ActionAid)			
---	--	--	--

ii) High Unemployment levels

The county experiences high unemployment levels due to lack of employment opportunities. Under-employment and low wages in the agricultural sector, which accounts for over 80 per cent of household incomes, renders a high percentage of the population unable to provide for their needs. Unemployment is greater among the youth who comprise a large percentage of the population. The absorption of the youth in the Agriculture and Rural Development sector is minimal since most of them have formal education that places much emphasis on white-collar jobs thus compromising on the level of productivity in the sector.

SWOT Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Skilled manpower, • Presence of Optic Fiber cable • Agriculturally productive soils • Presence of high value crops such as macadamia, tea and coffee in Manyatta and Runyenjes areas. • Availability of tourist 	<ul style="list-style-type: none"> • Inadequate collateral to secure credit facilities; • Inadequate water resources; • Inadequate training on technical jobs; • Unavailability of value addition industries; • Unsteady power supply. 	<ul style="list-style-type: none"> • Kenya Vision 2030 projects and programs implementation; • Increased government and development partner interest in the County development activities e.g. Care Kenya; 	<ul style="list-style-type: none"> • HIV/AIDS pandemic; • Overdependence on donor assistance; • Drug abuse e.g. use of Miraa and illicit brews

attraction sites such as Mwea game reserve, Mt. Kenya, Kiang'ombe hill, Karue hill, waterfalls as well as a rich and diverse cultural heritage		<ul style="list-style-type: none"> Youth and Enterprise Fund; 	
--	--	--	--

iii) HIV and AIDS

HIV/AIDS is a challenge to all sectors. In the county, HIV/AIDS awareness is above 90 per cent. The most affected are the youth between 15 to 25 years hence, the strategy of addressing the pandemic should focus on this age group. The development process in the county has continued to suffer adversely due to the HIV and AIDS pandemic. The county has continued to receive support from many stakeholders with enormous resources devoted to the fight against the pandemic. Major players such as the Government of Kenya through NACC, NGOs, FBOs and CBOs have continued to play critical role in sustaining the war against the pandemic. This has contributed to tremendous gains in the reduction of the prevalence rate declining from 4.1 per cent in 2002 to 4.0 per cent in 2008 as per the KDHS 2008 which is lower than the national average of 5.6 per cent. This is mostly due to the high levels of awareness and high level of use of condom use as a means for preventing infections.

SWOT Analysis

Strength	Weaknesses	Opportunities	Threat
<ul style="list-style-type: none"> Well trained community health workers; Availability of essential drugs in health facilities; Availability of ART; Presence of numerous 	<ul style="list-style-type: none"> Inadequate health facilities; High levels of HIV related stigma; Inadequate health personnel; Poor road 	<ul style="list-style-type: none"> Availability of a Global Fund to boost the fight against the scourge; Improvement of services offered in health facilities 	<ul style="list-style-type: none"> Inadequate resource allocation; Multi-drug resistance of certain opportunistic infections e.g. Multi Drug Resistant

<p>collaborators in the fight against the pandemic;</p> <ul style="list-style-type: none"> • Presence of CACCs; • Mobile VCT clinics; • Presence of PMTCT centres. 	<p>network and means of communication.</p> <ul style="list-style-type: none"> • Stigma towards usage of condoms due to cultural and religious barriers; 	<p>through infrastructural development;</p> <ul style="list-style-type: none"> • Institutional capacity building of health management boards and committees; • Training of health personnel on management skills; • Publicity/campaigns against the pandemic by the media. 	<p>TB;</p> <ul style="list-style-type: none"> • High rate of denial; • Rising poverty levels.
---	--	---	---

iv) Disaster Management:

There is a Disaster Management Committee which is the main body that is charged with the mandate to control, prevent and respond to events threatening the stability and sustainability of human and natural environment in the county. There is also Drought Management Office with active Sub-County Steering Groups in Mbeere North and Mbeere South areas. The Drought Management Office monitors issues of food security and disaster occurrence and takes precautionary measures to mitigate the effects. There is need to strengthen the capacity of the Sub-County Steering Groups and improve the existing disaster response systems to cope with emerging challenges especially in urban areas and lower parts of the county.

SWOT Analysis

Strength	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • A resilient local community with developed mechanisms for coping and adapting to disaster ; • Availability of emergency kitty in CDF; • Presence of active DSG; • Presence of NGOs and development partners assisting in quick response to emergencies e.g. Red Cross and St Johns Ambulance; • Presence of District Disaster Management Committees; • Presence of fire engines from Kenya power and Municipal Council of Embu. 	<ul style="list-style-type: none"> • Poor planning of urban settlements; • Bad/impassable roads during rainy season; • Depletion of forests through deforestation; • Inadequate emergency response units; • Inadequate capacity of existing response units. • Lack of a disaster preparedness system. 	<ul style="list-style-type: none"> • Drive for peaceful co-existence with other communities in the region; • Increased development partner interest in ASAL development ; • Value addition from livestock products. 	<ul style="list-style-type: none"> • Unpredictable natural disasters; • High poverty levels and rising population; • Low participation from private sector investment; • Low Corporate Social Responsibility.

v) Gender Inequality

Gender imbalance poses a great challenge in the county. Few women own land and other resources that are crucial for production. Access to factors of production and credit is curtailed since majority of men in the county are the ones who own land which is the main factor of production and a requirement for collateral when accessing credit. In addition, participation of women in non-farm activities is low due to lack of capital to enable them start businesses. However, women continue to dominate the agriculture sector and are also involved in household chores. Nevertheless, participation and involvement of women in the development process has continued at a slow pace. The establishment of Women Enterprise Fund (WEF) is changing women's lives by providing accessible and affordable credit to support women start and expand their businesses. The fund is significant in addressing one of the challenges facing women in entrepreneurship development.

SWOT Analysis

Strengths	Weaknesses	Opportunities	Threat
<ul style="list-style-type: none"> • Increasing levels of awareness on importance of social sectors in development; • Presence of more women in managerial positions; • Improved access to education by the girl child; • Presence of donor programmes addressing women issues; • Presence of NGOs, CBOs and FBOs. 	<ul style="list-style-type: none"> • High dependence on donor assistance; • Non-recognition and representation of women in major forums; • Continued neglect of the boy-child; • Non-participation of women in project cycle. 	<ul style="list-style-type: none"> • Women Enterprise Fund; • Youth Enterprise Fund; • Affirmative action (2/3 gender rule) 	<ul style="list-style-type: none"> • Entrenched negative cultural practices.

vi) Environmental Conservation and management

Environmental conservation and management is important to county development. The county will strive to ensure that the populace live in a clean, secure and sustainable environment, increased forest cover; reduction of environment-related diseases; promoting environmental conservation; improving pollution and waste management; promoting public-Private partnership improve water and sanitation delivery. Specific strategies include promoting environmental conservation, improvement of pollution and waste management, public-private sector partnerships in environmental issues, improving efficiency in water and sanitation, delivery and promotion of disaster preparedness in the county.

Environmental conservation and management is a county priority as we focus on the concept of sustainable development. It is important to note that saving the environment, environmental protection and long term economic growth are both complementary and mutually dependent.

SWOT Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Strong Forest Act NO. 7 of 2005; • Existence of NEMA and formation of Sub county environment committee (SCEC); • A developed Culture of tree planting in the county; • Professionals and technical staff available; • High Public awareness; • Change of attitude; • Involvement of community, Private sector and other stakeholders participation; • Introduction of community forest users group through participatory forest management; • Existing Environment Management and Coordination Act and structures at the county and local levels. 	<ul style="list-style-type: none"> • Inadequate funds; • Shortage of staff; • Limited training opportunities; • Farmers intruding to the riparian zones; • Weak community monitoring of environmental management activities; • Weak enforcement of both NEMA and Forest Acts; • Lack of political goodwill. 	<ul style="list-style-type: none"> • Draft forest policy Session paper No. 9 of 2005; • Community Private and other stakeholders involvement; • Availability of land for re-a forestation and rehabilitation; • Promotion of term forestry and extension services; • Promotion of dry-land forestry; • Private sector industrial plantation forest development; • Institutional transformation; • Forest Management planning (Zoning) based the Eco-system approach; • Existence of Development Partners. 	<ul style="list-style-type: none"> • Forest fires; • Game damage to industrial plantation forest; • Pest and disease; • Forest encroachment and excisions; • Soil and water erosion; • Excessive use of polythene papers with poor disposal system.

vii) Persons with Disabilities

In the past, persons with disabilities have been marginalized in all sectors of development in the county. For a long time, these people have been treated as out-

casts who cannot add value to economic and developmental processes. But now national campaigns to recognize the role of persons with disabilities have been initiated so as to give them equal opportunities in all aspects of socio-economic development. A major challenge in the county is that there are only two institutions that take care of needs of children with disabilities. These institutions do not offer the training required up to secondary and tertiary level requiring the students to go for further education in other counties. Another challenge is lack of data pertaining to persons with disabilities in the county which affects efforts to cater for their needs.

SWOT Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> Organized groups of people with disabilities; Informed leaders on people with disabilities; Learning institutions for people with disabilities. 	<ul style="list-style-type: none"> Poor planning for people with disabilities; Uninformed members of the community on how to deal with people with disabilities; Lack of relevant training programs for the disabled; Inadequate funding for the people with disabilities; Lack of data for people with disabilities. 	<ul style="list-style-type: none"> Presence of devolved funds to assist people with disabilities; Presence of well-wishers who assist when need arises; Trust fund for people with disabilities. 	<ul style="list-style-type: none"> Marginalization of people with disabilities; Negative attitude towards people with disabilities.

viii) Information Communication Technology

ICT is a powerful enabler of development goals due to its unique characteristics to dramatically improve communication and exchange of information and also to strengthen and create new economic and social networks. It is thus very evident that ICT, when well harnessed and focused, has the potential to bring in multiple benefits in the areas of governance, integration of all areas of the economy, development of rural areas and productive improvement thus promoting the livelihoods of the entire population and alleviating poverty.

Business Process Outsourcing has been identified as a key sector under the Economic Pillar of the Kenya Vision 2030. The Vision for the BPO sector is for the country to be “the top off shoring destination in Africa.” It is also expected to become the sector of choice for employment for youth and young professionals. This calls for the county to move quickly to establish the necessary capacity in this sector.

The county recognizes information communication technology as a growth sector that has immense potential for unlocking many opportunities in business, education, agriculture, industry and security. The county has been linked with fibre optic cable where by some of the government offices have been connected through internet. This has led to the operationalization of e-conferencing at the county headquarters and more offices are expected to be connected. The development of this sector will play a crucial role in opening opportunities in business and commerce in the county through easy access to the market information. The County will endeavour to ensure enhancement and expansion of ICT.

Swot Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • The availability of an ICT policy; • Existence of several ICT outlets; • Private sector support through training and investment; • Extensive mobile network coverage; • Availability of telecom exchange and landline; • High number of cyber cafes; • Existence of ICT infrastructure; 	<ul style="list-style-type: none"> • Limited financial support to the sector; • Many have not differentiated passive use of ICT and profitable use of the same; • Expensive to access and use information through the internet; • Training on ICT is still low; • There are limited ICT training institutions; • Limited awareness on the importance of ICT in day –to-day’s life; 	<ul style="list-style-type: none"> • The laying of fibre optic cables is expected to improve on efficiency and reduce cost; • Existence of training institutions in the county; • Large market of users; • Competitive companies. 	<ul style="list-style-type: none"> • Negative use of ICT; • Security and theft through the internet & Associated cybercrimes; • High cost of ICT equipment.

<ul style="list-style-type: none"> • Large youthful population that has embraced the use of ICT. 	<ul style="list-style-type: none"> • Inadequate computers in most government departments; • Lack of qualified ICT experts. 		
---	--	--	--

ix) Security

Security is paramount for peace, law and order to prevail and is conducive for development and investment. It determines how much investment the county will attract and hence the level of economic development. The county is faced with an enormous task due to insecurity especially with the outlawed groups. Despite this challenge, the county has an effective security system, well-endowed resources such as the police stations, police posts, police patrol bases, and Administration Police camps, which are well distributed across the county. With the introduction of community policing, the county has a vibrant community policing unit in all the constituencies.

Swot Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Well trained personnel; • Availability of security institutions e.g. police post and AP camps; • Fund for construction of police post and AP camps by CDF; • Functional District Security Committee; • Community policing. 	<ul style="list-style-type: none"> • Inadequate personnel; • Limited community participation in community policing; • Inadequate Vehicles and other equipments to track the criminals. 	<ul style="list-style-type: none"> • Introduction of community policing; • Collaboration with other agencies in tackling insecurity; • Addressing insecurity by looking at the “wider picture” such as poverty reduction and employment creation initiatives. 	<ul style="list-style-type: none"> • Increased use of ICT in economic and other crimes; • Failure to disclose information by the community; • Population growth without commensurate increase in employment; • Increased sophistication of crimes.

x) Youth

The youth are defined as those aged between 18 and 35 years. This is the productive age group and represents 34.5 per cent of the total population in the county. There are deliberate efforts to include the youth in decision making processes and now the youth are represented in all devolved funds committees. Under the Ministry of Youth Affairs and Sports, the government had embarked on revival of youth polytechnics and initiated the Youth Enterprise Fund where the youth can access loans at interest rates lower than the prevailing market rates. However most of youth are yet to benefit from this fund because of their inability to meet the requirements set to access loans from the Constituency Youth Enterprise Scheme Fund.

The youth are also faced with lack of entrepreneurial skills that can help them access money from financial institutions because of lack of proper training and business skills exposure. A lot of the youth have concentrated on acquiring basic ICT skills at the expense of other skills thus crowding this market.

Other challenges faced by the youth include drug abuse and consumption of illicit brews. This has affected performance of the youth both in schools and outside schools. It has also made them fail to engage in economic activities such as agriculture. Social disorder and moral decay are the end products of this and it further exposes the youth to HIV/AIDS.

The youth are also involved in illegal groupings that have been causing mayhem in the county and in other neighbouring counties. The youth do not like participating in agricultural activities and prefer instead to engage in other activities that promise quick returns.

Swot Analysis

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Government’s Special funds for the youth; Receptive youth; • Specific ministry for the Youth affairs; • Presence of youth empowerment resource centres. 	<ul style="list-style-type: none"> • Poor disbursement of the Youth enterprise fund; • Unorganized youth groups; • Lack of patience among the youth group members; • Inadequate data on existing youth groups; • Negative attitude to work. 	<ul style="list-style-type: none"> • Presence of Political will to develop the youth potential; • Devolved funds; • Youth Enterprise Fund; • Under-utilized agricultural potentials. 	<ul style="list-style-type: none"> • High levels of unemployment among the youth; • Organized illegal groups; • Rampant drug and substance abuse among the youth; • HIV and AIDS scourge among the youths.

xi) Other Social challenges

a) Miraa farming

The emergence of *miraa* as a major farming activity in the recent years in the county is a blessing but a curse at the same time. It has no doubt improved the levels of income in the county especially in areas such as Ena and Gikuuri in Runyenjes, Kivwe in Manyatta, Muraru and Kanyariri in Mbeere South and Muchonoke, Ciani, Kambaru, Gitiburi and Siakago in Mbeere North.

However, it poses a number of associated challenges such as family strife and breakages, high school dropout rate due to child labour, low education standards, early marriages, drug abuse and irresponsible sex behaviour in these and adjacent areas particularly among the youth. Transition rate from primary to secondary is low as school leavers opt to work in the *miraa* farms as opposed to joining secondary school. According to the National Council for Children Services (NCCS) report, 2013, 24 per cent of the children aged between 5 and 14 are involved in child labour in *miraa* growing parts of Embu County.

2.3 Analysis of Issues and Causes

The table below presents a summary of the main development issues and problems affecting the County, their causes, development objectives and proposed strategies. It also maps the development issues with the respective MTEF sectors and corresponding County functions.

County Issues, Causes, Development Objectives, and Strategies

County Sector	Sub-sector	Link to national/ county functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
Agriculture, Livestock, Fisheries and Co-operative Development	Agriculture	Crop husbandry; Plant disease control;	Low Agriculture Productivity	-Abandonment of traditional crops; -Inadequate irrigation systems and unreliable rainfall; -High cost of input; -Poor farming methods; -Poor quality inputs; -Rural-urban migration; -Low prices for farm produce; -Poor infrastructural	-Increase agricultural productivity; -Ensure that the county attains food security status.	-Increase total acreage under food and cash crops; -Promote farming and consumption of traditional food crops;	-Increase acreage under irrigation farming; -Avail subsidised farm inputs; -Promote modern farming technologies; -Proper market linkages; -Improve on bulking to ensure quality seeds; -Enhance value addition and processing industries; -Revitalise extension

County Sector	Sub-sector	Link to national/ county functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
				development; -Reduced effectiveness of extension services; -Poor market linkages; -Uneconomical sub-division of land; -Crop pest and diseases			services; -Encourage use of organic farm inputs; -Improve infrastructure and market access; -Intensify disease surveillance and pest control.
	Livestock development	Animal husbandry; Animal disease control;	Low livestock productivity	-Poor infrastructural development; -Reduced effectiveness of extension services; -Lack of AI extension services; -Unreliable rainfall; -High cost of supplements; -Inadequate market opportunities; -Low producing breeds; -Animal diseases.	Increase livestock productivity;	Promote livestock farming as a business;	-Increase acreage under pasture; -Rain water harvesting; -Re-introduce AI services; -Improve infrastructure and market access; -Revitalise extension services; -Avail subsidised livestock supplements; -Intensify disease surveillance and control.
	Fisheries Development	Animal husbandry;	Post harvest losses of fish	Lack of fish storage facilities	Fish storage facilities and structured markets	Promote fish farming; sensitize our community on fish consumption benefits	-Increase trout fish production; -Increase value of fish produced.
	Co-operative development and marketing	Trade development and regulation in markets and co-operative societies	Poor market access	Poor management of cooperatives; Middlemen exploitation;	Improve market linkage	Strengthen the cooperative movement;	-Promote agricultural enterprises, business initiatives and value addition; Capacity building;

County Sector	Sub-sector	Link to national/ county functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
Investment and Industrialization	Investment, Industrialization	Trade development and regulation	High rates of Unemployment	-Inadequate skills; -Low capacity of local industries and factories; -Lack of diversification of agricultural activities; -Poorly developed entrepreneurship skills.	To promote the establishment of industries	Skills acquisition;	-Increase courses offered in polytechnics; -Promote agricultural enterprises, business initiatives and value addition; -Empower the youth through skills and capacity transfer; -Encourage local initiatives; Business incubation;
Infrastructure, Public Works and Housing	Roads	County transport, including county roads and public land transport	Poor Road Network	-Poor planning and road reserves encroachment; -Inadequate funding for road construction and maintenance; -Poor drainage system; -High levels of soil erosion; Hilly terrain.	Improve the County road network through maintenance to efficient and reliable levels.	Increase funding for development of road infrastructure	-Create community awareness on drainage systems; -Upgrading, maintenance and repair of roads and construction of bridges; -Resurveying rural access roads; -Grading and murraming of access roads; -Enforce regulation to ensure non-encroachment; -Ensure proper drainage system along all roads; -Involve the local communities in road maintenance.
	Housing	County planning and development of housing sub-sector	Mushrooming of Slums in Urban Centres	-High rate of family break-ups; -Poor urban planning; -High population growth; -Lack of title deeds; -High rate of rural-urban migration.	To reduce informal settlement in the County	To reduce the number of people living in informal settlements	-Improve planning and adherence to plans; -Curb rural-urban migration; -Counselling of families to reduce break-ups; -Speed up issuance of title

County Sector	Sub-sector	Link to national/ county functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
							deeds.
Lands, Water, Environment and Natural Resources	Environment and Natural Resources	Implementation of policies on natural resources and environmental conservation, including soil and water conservation;	High rates of Environmental degradation	-Poor farming methods; -Poor liquid and solid waste-management; -Unprotected water catchments, river banks and high rate of pollution.	To promote sustainable environment management and reduce degradation.	-Increase the total acreage under soil conservation; Increase forest and vegetation cover;	-Promote adoption of proper farming methods; -Improve on the waste management; -Protect catchments areas and river banks.
	Water and Irrigation	Provision of water and sanitation services; Refuse removal, and solid waste disposal.	Poor Water and Sanitation Standards; Poor water harvesting methods; Inadequate water points.	-Inadequate sewage systems and sanitary facilities coupled with low garbage collection and high levels of pollution; -High demand for domestic water; -Inadequate water treatment plants; -Seasonal streams drying-up; -Unprotected water sources; -Inadequate boreholes; -Decreasing levels of water in the rivers; -High cost of water systems.	Provision of adequate and reliable water Provision of sanitation services	Increase the No. of HHHs with access to clean piped water	-Improve sanitation and drainage systems; and improve solid waste disposal; -Construction of treatment plant to provide safe, clean drinking water; -Drilling of boreholes; Protection of water sources; -Rehabilitate stalled water projects; -Clustering of small projects for effective and efficient management;
	Lands						
Health	Health	Health services in health facilities and pharmacies; Promotion of primary health care;	Poor Health Standards	-Inadequate facilities & equipment; -Inadequate land for expansion; -Shortage of personnel and drugs; -High poverty levels; -Poor road network; -Inadequate health education and Poor feeding habits; -High Pollution levels and poor quality of water;	Increase access to quality health care	Reduce the average distance to health facility Increasing the number of community health workers	-Rehabilitate, upgrade health facilities and provision of adequate facilities, equipment, personnel, and drugs; -Promote preventive health services and community health education; -Create public awareness and Integrated community based health

County Sector	Sub-sector	Link to national/county functions	Issues/Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
				-High Human disease incidences such as malaria; -Poor hygiene and sanitation systems.			care; -Provision of ITNS; -Improve toilet facilities using locally available materials; Increase training for community health workers.
Education, Science and Technology; and ICT	Education/ Science and Technology	Pre-primary education, village polytechnics, home craft centres and childcare facilities.	Low Standards of Education	-Inadequate education facilities; -Land for expansion and shortage of teachers; -Under developed education infrastructure; -High incidences of child labour; -Poor supervision and low motivation among staff; -Low transition rate and high drop-out rates; -Poor reading culture. -High poverty levels and rising No. of OVC -Drug abuse e.g. <i>miraa</i> .	Improve the quality and standards of education offered in the County.	-Increase the completion rate in primary schools; -Increase primary school retention rate; -Improve the Teacher: Pupil ratio to 1:30;	-Construction of storey facilities and purchase of equipment; -Recruitment of new teachers; -Increase funding to education programmes; -Sensitization of community and awareness campaigns against drugs and enforce the policy for prohibition of selling drugs to students; -Improve and upgrade existing tertiary institutions; -Improved coordination of bursary programmes; -Increased Support for OVCs; -Introduce ICT based school programs; -Enhance supervision and management.
Trade and Tourism	Tourism	Trade development and regulation of local tourism	Unexploited Tourism potential	-Unexploited tourism sites; -Poor road network; Low tourism marketing; -Inadequate tourism facilities.	Promote the development of tourist attractions in the county e.g camps, Mwea game reserve, Kianjiru hill Promote friendly trade regulations Create an enabling environment for business to thrive	Attract more tourists to the county	-Improve infrastructure; Tourism promotion campaign; -Public - Private Partnership in exploitation of potential tourist destinations; -Increase tourist facilities.

County Sector	Sub-sector	Link to national/ county functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
Youth Empowerment and Sports	Youth and sports	Control of drugs and pornography	Drug Abuse	-High rate of unemployment, and idleness; -High school drop-out rate; -High family break-up rate; -Moral decay; -Negative cultural beliefs. -Availability of easy money from sale of <i>Miraa</i>	To promote youth based activities and sensitizing the youth on good morals Sensitizing the youth on entrepreneurship skills	-Reduce the school dropout rates; -Reduce the no. of youth abusing drug.	-Organising youth events; - Promote formation of youth groups and initiatives; -Counselling of youths on dangers of drug abuse; -Promote positive culture.
Gender, Culture, Children and Social Services	Social Services	Control of pornography	High Prevalence Rate of HIV and AIDS	-High level of stigma; -Inadequate guidance and counselling personnel; -High number of OVCs; -High poverty level; Moral decay.	Reduce prevalence in the county.	-Reduce HIV prevalence rates; -Establish more VCTs; -- Provide home based care; -Increase the contraceptive acceptance;	-Intensify behaviour change communication, awareness creation and establishment of youth friendly centres; -Increase resources to the county; -Rapid response initiative for disease outbreaks; -Strengthen coordination among the county players; -Capacity build community organizations fighting the scourge; -Encourage couple testing; Increase access to PMTCT service.

County Sector	Sub-sector	Link to national/ county functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic policy thrusts
Public administration and Economic Planning	Planning	Ensuring and coordinating the participation of communities and locations in governance at the local level	Poor information uptake among the community	Low awareness levels among the community;lack of an information management system;	Provide development information at County level	Create awareness on development; Improve capacity of all staff	Establish a Resource centre in the County;Establish digital villages in the County;Set up an information management system; Establishment of the County Statistics Bureau for information sharing;Creation of a county website

CHAPTER THREE:

COUNTY SPATIAL FRAMEWORK

(The county government is in the process of developing a spatial plan. This plan will be accessed via the County website: www.embu.go.ke. It will also be available in soft and hard copies at County Assembly of Embu.)

CHAPTER FOUR:
LINKAGES WITH OTHER PLANS

4.0 Introduction

This chapter discusses the County Integrated Development Plan linkages with the Kenya Vision 2030, County Sectoral Plans and the Constitution of Kenya. The linkage of the County Development agenda with the Millennium Development Goals is highlighted.

4.1 Integrated Development Planning

Integrated development planning is a process through which efforts at national and devolved levels of government and other relevant public institutions are coordinated at local level, and through which economic, social, environmental, legal and spatial aspects of development are brought together to produce a plan that meets the need and aspirations of the citizens. The CIDP is the principal strategic planning instrument which guides and informs all planning, budgeting, management and decision making processes in a county.

4.2 Legislation on Integrated Planning in Kenya

4.2.1 The County Government Act 2012

County governments are required to prepare 5-year integrated county development plans and the annual county budgets to implement them according to the County Governments Act 2012. Under Section 102 of the Act, county planning is expected to provide a platform for unifying planning, budgeting, financing programmes, implementation, and performance review. A county planning unit shall be responsible for coordinated integrated development planning. In addition, county planning shall serve as a basis for engagement between county government and the citizenry, other stakeholders and interest groups.

According to the Act a county government shall plan for the county and no public funds shall be appropriated without a planning framework developed by the county executive committee and approved by the county assembly. It also states that the county planning framework shall integrate economic, physical, social, environmental and spatial planning. In addition to an integrated county development plan, each county is expected to have the following:

- i. A County Sectoral Plan;
- ii. A County Spatial Plan; and
- iii. A City and Urban Areas Plan.

These county plans (section 107(2)) “shall be the basis for all the budgeting and planning in a county”.

4.2.2 Public Finance Management Act (PFMA), 2012

The PFM Act 2012 provides for effective and efficient management of public resources. Section 125 of the Act requires the budget process for county governments in any financial year to consist of integrated development planning process which include long term and medium term planning as well as financial and economic priorities for the county over the medium term. Section 126 of the Act further obligates each county government to prepare an integrated development plan that includes strategic priorities for the medium term that reflect the county government's priorities and plans, a description of how the county government is responding to changes in the financial and economic environment; and, programmes to be delivered.

4.2.4 Urban Areas and Cities Act, 2011

Urban Areas and Cities Act (2011) is also emphatic on the need for 5 year integrated development planning and the need to align annual budgeting to the plan. These plans are separate from those of the county. In section 36(2) it states that “an integrated urban or city development plan shall bind, guide, and inform all planning for development and decision-making and ensure comprehensive inclusion of functions.”

4.3 CIDP Linkages with Kenya Vision 2030 and Medium Term Plans

Sessional Paper Number 10 of 2012 on Kenya Vision 2030 is the National Policy Economic Blueprint that entrenches Kenya Vision 2030 as the long term development strategy for Kenya. The Kenya Vision 2030 aims to transform Kenya into a modern, globally competitive, middle income country providing a high quality of life to all its citizens. Kenya Vision 2030 is a product of highly participatory, consultative and inclusive stakeholder’s process conducted throughout the country and in all sectors of the economy.

The Vision is anchored on three key pillars: economic; social; and political. The Economic Pillar aims to achieve an average Gross Domestic Product (GDP) growth rate of 10 per cent per annum and sustain the same till 2030 in order to generate more resources to reinvigorate the economy to meet its envisaged goals and aspirations. The key sectors in this pillar include: tourism, agriculture and livestock, manufacturing, wholesale and retail trade, Business Process Outsourcing (BPO) and financial services. A seventh sector, oil and mineral resources, has now been added taking cognizance of the recent related developments.

The objectives established under the Embu CIDP are directly responsive to the aspirations of Kenya Vision 2030. Regarding agriculture, the CIDP has earmarked the sector as having responsibility for household food security; and as a source of income and employment. The CIDP has identified the potentials inherent in the sector for value addition utilizing crop, livestock and fishery products.

The Vision 2030 also recognizes the important role the trade sector is set to play in Kenya. To achieve the economic growth of 10% wholesale and retail trade have been identified as key to achieving this target. The sector is expected to mainstream the informal sector by ensuring secure business locations, access to credit, training and access to markets. The Embu CIDP has echoed these aspirations and has accordingly selected strategies for implementation. The CIDP has also identified the development of tourism centres.

The Social Pillar seeks to build a just and cohesive society with social equity in a clean and secure environment. The main sectors under this pillar include education and training, health, water and irrigation, environment, housing and urbanization, gender, sports, youth and culture.

Regarding education, the Kenya Vision 2030 is emphatic on the country's commitment to the attainment of Education For All (EFA) and the Millennium Development Goals. The country responded by developing the Kenya Education Support Programme (KESSP) which placed the implementation of FPE at the centre-stage of the sector's development. The CIDP has benchmarked all its educational indicators on the national targets as established in Kenya Vision 2030. The CIDP has accordingly established indicators for access, transition and performance in Basic and Tertiary education based on those established in Vision 2030.

The CIDP has embarked on the health infrastructure in reducing infant mortality rates and maternal deaths.

The Political Pillar aims at realizing a democratic political system founded on issue based politics that respect the rule of law, and protects the fundamental rights and freedoms of every individual in the Kenyan society. The CIDP has ensured delivery of public service is done in a fair and democratic manner and at the same time doing it in an accountable and transparent way to the benefits of the residents. It has also ensured this is done with active participation of the residents.

The three pillars are anchored on a number of foundations which serve as enablers that create an environment that is geared towards the realization of Vision 2030. These include: macroeconomic stability; continuity in governance reforms; enhanced equity and wealth creation opportunities for the poor; infrastructure; energy; Science, Technology and Innovation; Land Reforms; Human Resource Development; Security

and Public Sector Reforms. An additional enabler, national values and ethics, has been included following the passing of the Constitution of Kenya 2010.

The Kenya Vision 2030 is designed to be implemented in successive five year Medium Term Plans. The first plan covered the period 2008-2012. The current Medium Term Plan (MTP 2013-17) is the second in a series of successive 5-year plans under which the Kenya Vision 2030 is to be implemented. The second MTP 2013-2017 draws on lessons learnt in implementing the first MTP. It seeks to implement the flagship projects identified under Vision 2030 over the five year period together with incomplete flagship and other projects and programmes in the previous Medium Term plan. It will also take due cognizance of the devolved structure of government following promulgation of the Constitution of Kenya 2010 and recent discovery of oil and mineral resources.

The broad key priority areas which will be the focus of the Second MTP include: employment creation; development of human resource through expansion and improvement in quality education, health and other social services; reducing the dependence of the economy on rain fed agriculture through expansion of irrigation; higher investment in alternative and green sources of energy; improving the economy's competitiveness through increased investment and modernization of infrastructure; increasing the ratio of saving, investment and exports to GDP; implementation of key Kenya Vision 2030 Flagship projects including development of LAPSSET Corridor; improving national security; promoting national values and ethics; and continue implementing the Constitution including devolution.

County Government Act, 2012, stipulates that county government shall plan for the county and no public funds shall be appropriated outside a planning framework developed by the County Executive Committee and approved by the County Assembly. This Act along with the Public Financial Management Act, 2012, therefore calls for preparation of a County Integrated Development Plans (CIDPs) which must be aligned to the National Development Plan. In view of this, County Integrated Development Plans and other plans provided in the County Government Act will be aligned to Kenya Vision 2030 and the Medium Term Plan 2013-2017. As such CIDPs will provide the essential linkages of the National and County Governments by facilitating the implementation of Vision 2030 flagship projects as well as other projects and programmes that will ensure implementation of Kenya Vision 2030 at both levels of Government.

County governments therefore must embrace the Kenya Vision 2030 and Medium Term Plans during preparation of county development plans. In particular, they are envisaged to support implementation of Vision 2030 flagship projects that may be

domiciled in or cut across the counties. In addition, counties will need to identify specific projects and programmes for implementation over the medium term period towards achievement of the Kenya Vision 2030 and MDG goals.

The County Development Profiles form the basis for county planning and development process by providing the requisite benchmarks and information required for preparation of the CIDPs.

4.4 CIDP Linkages with the Constitution of Kenya, 2010

The Constitution of Kenya, Article 176(1) provides for the establishment of a county government in each of the 47 counties. The County Government shall have a County Assembly with the legislative authority to exercise oversight over the other state organs of the County. The Constitution also provides for an Executive Committee responsible to the Governor for managing and coordinating the functions of the County.

The functions of the County governments are set out in the Fourth Schedule of the Constitution of Kenya, 2010. Under this provision, the County level is assigned functions relating to Agriculture, Health, Control of Pollution, Cultural activities, County Transport, Animal Control and Welfare, Trade Development and regulation, County Planning and Development, Pre-primary Education, National Resources and Environmental Conservation; County Public Works including storm water management and Water and Sanitation services; Fire fighting and Disaster Management; Control of Drugs and Pornography; and Promotion of Community participation in governance.

Five laws which provide the framework for devolution have been enacted, namely: Urban Areas and Cities Act, 2011; The County Governments Act, 2012; The Transition to Devolved Government Act, 2012; The Intergovernmental Relations Act, 2012 and The Public Finance Management Act, 2012.

The PFM Act 2012 provides for effective and efficient management of public resources. Article 125 of the Act requires the budget process for county governments in any financial year to consist of integrated development planning process which include long term and medium term planning as well as financial and economic priorities for the county over the medium term. Articles 126 of the Act further obligates each county government to prepare an integrated development plan that includes strategic priorities for the medium term that reflect the county government's priorities and plans, a description of how the county government is responding to

changes in the financial and economic environment; and, programmes to be delivered.

Lastly, Article 43(1) of the Constitution of Kenya, 2010 on the Bill of Rights establishes indicators for basic services which encompass the right to the following:-

- (i) Highest standards of health care services including reproductive health;
- (ii) Accessible and adequate housing and sanitation;
- (iii) Freedom from hunger and access to adequate food;
- (iv) Clean and safe water in adequate quantities;
- (v) Social security; and
- (vi) Education.

The Embu County Integrated Development Plan has addressed all the above rights and basic services under its programmes.

4.5 Implementation of the Millennium Development Goals at the County Level

The Millennium Development Goals (MDGs) are internationally accepted standards for measuring progress towards poverty alleviation. They were agreed upon at the UN Millennium Summit in 2000 where world leaders made and adopted a declaration to free *all men, women and children from the abject and dehumanizing conditions of extreme poverty*. The eight MDGs to be met by 2015 are drawn from this declaration.

The eight MDGs have time-bound targets and indicators for measuring progress in the areas of: poverty alleviation, education, gender equality and empowerment of women, child and maternal health, reducing HIV/AIDS and communicable diseases, environmental sustainability, and building a Global Partnership for Development.

Kenya is one of the signatories to the Declaration and is committed to achieve the MDGs. The MDGs based planning in Kenya was launched in 2004. The Vision 2030 and its first Medium Term Plan (MTP 2008-2012) fully incorporated the MDGs. This commitment has resulted in commendable progress in achieving a number of these goals though some are still facing challenges. As we pursue development agenda at the county level, we need to fast track the achievement of these goals.

With only two years to the end of the MDGs period, a group of world leaders appointed by the UN Secretary General are working together to find the best way to tackle global agenda on development after 2015. The post 2015 agenda will have shared responsibilities for all countries and with the fight against poverty and sustainable development at its core. This agenda will be cascaded in the Medium

Term Plans and County Integrated Development Plans in order to build upon commitments already made and contribute to the acceleration of achievement of the targets both at the national and county levels.

4.5.1 Status of implementation of MDGs at the county level

The Millennium Development Goals (MDGs) are being implemented at the county level by the various public and private sector. The government channels grants to the grassroots which include CDF, CDTF, the Bursary Funds, Orphans & Vulnerable Children cash transfer, Cash Transfer for older persons, Poverty Eradication Fund, TOWA Funds, Youth and Women's Enterprise Development Funds among others to core MDGs sectors in the county such as Education, Health and Water to aid in attaining these goals. The status of implementation of the eight goals is indicated below:

MDG 1: Eradicate Extreme Poverty and Hunger

According to the 2005/2006 Kenya Integrated Household and Budget Survey (KIBHS) 43.5 per cent of the county population is living in abject poverty. The MDG targets are unlikely to be met by 2015 if current trends are not reversed. The county has intensively invested in poverty reduction measures especially in reduction of food poverty which stands at 39 per cent. This is being done through use of irrigation and diversification of crops. The trend is in harmony with the national levels which reduced from 52.6 per cent in 1997 to 45.9 per cent in 2005/06. There is need to focus on the efforts that will increase food production and provide employment to majority of the population in the county.

MDG 2: Achieve Universal Primary Education

The county gross enrolment rate for primary school stands at 99.76 per cent which is way above the national level of 95.7 per cent while the county net enrolment rate is 94 per cent. This is an indication that MDG target is likely to be met by 2015. Nationally, primary school net enrolment rates increased from 73.7 per cent in 2000 to 92.9 in 2009. Gross Enrolments Rates increased from 88.7 per cent in 2000 to 110.7 per cent in 2009. The primary to secondary transition rate in the county is 87 per cent which is higher than the national one at 66.9 per cent in 2009. This was aided by the government's decision to waive tuition fees in public secondary schools. There is however need to provide adequate necessary facilities such as classrooms and laboratories to facilitate provision of quality education.

MDG 3: Promote Gender Equality and Empowerment of Women

The boy to girl ratio in primary schools and secondary schools are 1:1 and 1:0.9 respectively indicating that gender parity in primary and secondary education is doing well in the county. The Constitution of Kenya 2010 calls for increase of the proportion of women in the public appointments. However measures need to be enhanced to protect the boy child who is becoming endangered due to child labour and drug abuse in the *Miraa* growing areas of the county. This MDG goal is likely to be achieved by 2015. At the national level the boy to girl ratio in primary schools was 1:0.958 in 2009, indicating that gender parity in county is at par with the national performance. Gender parity in schools is likely to be achieved by 2015. Civic education is necessary to educate the people the need to take care of both boys and girls and provide them with education without discrimination.

MDG 4: Reduce child mortality

The county had infant mortality rate of 44 per 1,000 live births against the national rate of 54 per 1,000 live births in the year 2012. Full immunization coverage is now at 98 per cent with child mortality 11.4 per 1,000 while the Under 5 mortality rate 49 per 1000 against the 79 per 1,000 nationally. The goal is highly likely to be met by 2015 with increased efforts. Increased immunization and drugs for prevention of mother to child transmission of HIV are available in almost all Government health facilities.

MDG 5: Improve maternal Health

The proportion of delivery at health facility in 2012 stood at 83.1 per cent far above the national performance of 43 per cent. There are low incidences of maternal mortality due to the improvement and construction of new health facilities which reduced the distance to the nearest health facility to 6.8Km. This means that more expectant mothers are able to access skilled health personnel. This goal is likely to be met by 2015, while 43 per cent of deliveries took place in health facilities. Maternal mortality rate decreased from 488 in 2008/09 to 338 per 100,000 in 2012. This indicates that the county is fairing on well compared to the national rate of 495 per 100,000. There was an increase in contraceptive use by married women from 39.3 to 69 per cent in 2003 and 2012 respectively. However, the progress towards achievement of this goal is rather slow. The health facilities need to be increased and equipped adequately to take care of mothers.

MDG 6: Combat HIV and AIDS, Malaria and other diseases

The county has HIV prevalence rate at 4.0 per cent which is below the 5.6 per cent of national level. Children under 5 sleeping under treated bed net stood at 21.6 per cent. There is increased access to HIV and AIDS management services in the county. There is increased use of condoms and ARVs in the meaning that the goal is likely to

be met by 2015. The targets are unlikely to be met by 2015 if current trends prevail. More and more campaigns are needed on use of condoms, being faithful and living positively if infected.

MDG 7: Ensure environmental sustainability

Access to clean drinking water remains a big challenge in the lower parts of the county. The average distance to the nearest water point being 1.5Km. The proportion of households with pit latrine was 87 per cent. Afforestation is being promoted and more people are planting trees. Access to clean drinking water increased to 63.4 per cent in 2008/09 from 57 per cent in 2005/06 and 49.4 per cent in 2003. The proportion of urban and rural households obtaining their water from clean sources in 2008/9 is 90.8 per cent and 53.8 per cent respectively. The proportion of households with access to improved sanitation was at 22.6 per cent in 2008/09 having increased from 19.4 per cent in 2003. The targets are unlikely to be met by 2015 if current trends prevail.

MDG 8: Develop a Global Partnership for Development

The goal deals with how the county relates with the global environment. This is evidenced by the many international NGOs and other development agencies operating in the county which include Servise international, World Vision, ActionAid, and WFP. These NGO's and development agencies have continued to partner with government departments to accelerate development in health, education sectors and livestock sub-sector. With the current trends it is unlikely that the target will be met by the year 2015.

4.6 Linkages with sectoral plans, urban and city plans

The sector plans for the various sectors have been derived from second Medium Term Plan 2013-2017 and are prepared as per the sector working groups. This county plan will take into account the priorities and strategies as outlined in the existing sector plans to ensure harmony in implementation. The county specific sector plans and models which will be developed by the departments will also be derived from this integrated plan taking into account other policy document and the jubilee coalition manifesto.

The projects proposed for implementation in this plan will be implemented as per the existing spatial and zoning plans to ensure a balanced distribution of development in the county. Such plans address issues as settlement, environment transport and economic development. These spatial plans form the basis upon which development activities in support of the integrated plan will take place.

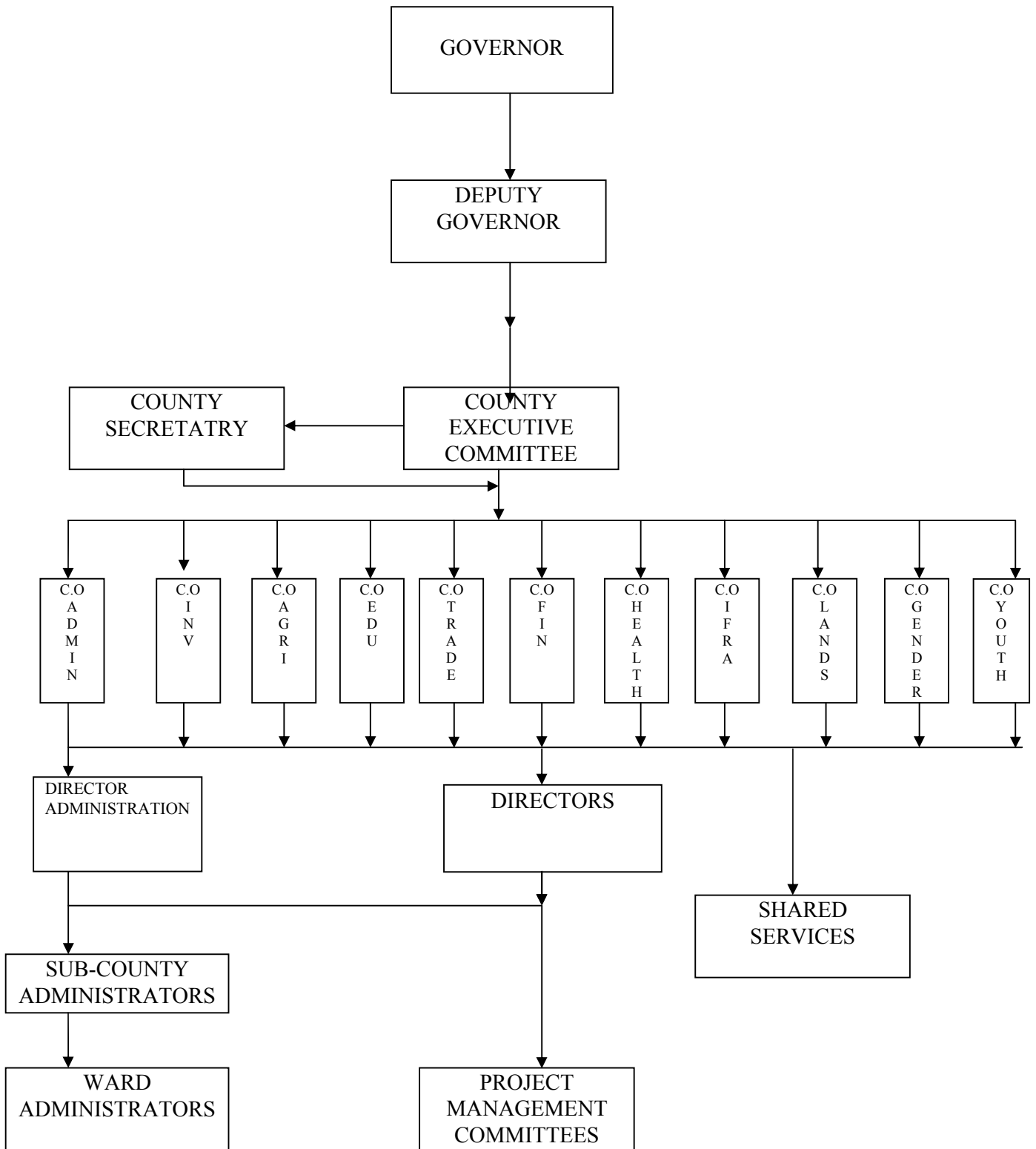
**CHAPTER FIVE:
IMPLEMENTATION FRAMEWORK**

5.0 Introduction

The chapter outlines the institutional framework and organizational flow that will be followed in implementing the plan. It also outlines the stakeholders in the County, and the roles that they play and how their functions are accommodated to avoid duplication of efforts.

5.1 Organizational Flow

The services of the county will be run through the following organizational structures:



Governor: The county governor and the deputy county governor are the chief executive and deputy chief executive of the county respectively. The Governor will provide:

- Leadership in the county's governance and development.
- Leadership to the county executive committee and administration based on the county policies and plans.
- Promote democracy, good governance, unity and cohesion within the county.
- Promote peace and order within the county.
- Promote the competitiveness of the county.
- Accountable for the management and use of the county resources while promoting and facilitating citizen participation in the development of policies and plans, and delivery of services in the county.

County Executive Committee shall:

- Supervise the administration and delivery of services in the county and all decentralized units and agencies in the county;
- Perform any other functions conferred on it by the Constitution or national legislation;
- Carry out any function incidental to any of the assigned functions.
- In the performance of its functions, a county executive committee shall have power to determine its own programme of activities and every member of the committee shall observe integrity and disclosure of interest in any matter before the committee

County Chief Officers are responsible to the respective county executive committee members for the administration of a county department and are the authorized officers in respect of exercise of delegated power.

County Secretary shall

- Convey the decision of the county executive committee to the relevant authority.

County directors shall:

- Technical implementors of their departments.

Human resource focus areas:

- Harmonization of terms of service
- Payroll system - Payroll clean up. Head count – qualification and validation of certificates – KNEC and other education institutions.
- Restructuring/amalgamation - HR audit vis a vis county functions/skills. Steps after the HR audit which will determine gaps and surpluses, help in making decisions to create and develop staffing plans from the proposed structure and coming up with the desired workforce which in turn is expected to be efficient and effective by measuring results
- Restructuring of staff from central government, TA, County and council employees, different payrolls.
- Developing a performance management system.
- Managing rationalization – severance pay, skills, competence
- Auditing – creating an internal oversight framework
- Developing policy guidelines for all the HR operations
- Capacity building: Change management, Performance management, Team building and understanding devolution
- A citizen service centre and the need to integrate services.
- High Ethical standards: Ensure that our actions and behaviors are grounded in high ethical standards and contribute to a respectful and welcoming work environment.
- Compliance with the law.
- Reduce people interaction with money.

County functions in finance are:-

- County budget preparation and implementation;
- Budgetary monitoring and reporting;
- Revenue collection and management;
- Expenditure management and control;
- Cash office management;
- Management of accounting books, records and reporting; and
- Financial audit and reporting.

County functions in procurement are:-

- Interpretation and implementation of the procurement Act and other relevant National Policies;
- Monitoring and ensuring adherence to procurement rules, regulations and guidelines;
- Preparation of the County Procurement Plan;
- Offering secretariat services to the County Tender Boards and Stock Surveys and implementation of the decisions thereof;

- Undertaking Market Surveys;
- Undertake stock taking and facilitate stock verification;
- Maintaining accountable documents and records for accountability; and
- Undertaking procurement in line with regulations in force.

Sub-County administrators shall:

Co-ordinate, manage and supervise the general administrative functions in the sub-county unit including:-

- The development of policies and plans.
- Service delivery.
- Development activities to empower the community.
- The provision and maintenance of infrastructure and facilities of the public services.
- Exercise any functions and powers delegated by the County Public Service Board.
- Coordination and facilitation of citizen participation in the development of policies and plans and delivery of services.

Ward administrators shall:

Co-ordinate, manage and supervise the general administrative functions in the ward unit including:-

- The development of policies and plans.
- Service delivery.
- Development activities to empower the community.
- The provision and maintenance of infrastructure and facilities of the public services.
- Exercise any functions and powers delegated by the County Public Service Board.
- Coordination and facilitation of citizen participation in the development of policies and plans and delivery of services.

Project management committee shall:

- Shall be in charge of implementing the projects.

CHAPTER SIX:
RESOURCE MOBILIZATION FRAMEWORK

6.0 INTRODUCTION

This chapter contains the budget projection required for managing the County Government. It includes the resources that are available for capital projects development, the strategies for revenue enhancement and their projections for the plan period. It also includes strategies for asset management, financial management, and capital financing. Revenue enhancement strategies, resource sharing with the central government, means of attracting external funding are also included.

6.1 Capital Projects Funding

The implementation of capital projects contained in this plan will be funded through budgetary allocation from the National Government, grants and loans from development partners. Private Public Partnership will also be employed on a case by case basis where circumstances allow for such partnerships. Non governmental agencies whose mandate lies in the various functions of the County functions will also be welcome to participate in project implementation for general public good.

6.2 Strategies for Raising Revenue

The Government of Kenya has been increasingly constrained in mobilizing the required financial and technical resources required to cope with the rising demand for development projects and provision of services. Rapid economic growth, growing urban population, increasing rural–urban migration, and all-round social and economic development have compounded the pressure on the existing infrastructure, and increased the demand–supply gap. In addition, donor commitments, though appealing, have been unable to bridge the financial requirements gap.

National governments in developing as well as developed countries have been using Public Private Partnership (PPPs) arrangements for improved delivery of services. Governments have used such arrangements in providing public goods such as transport (roads, railways, toll bridges), education (schools and universities), healthcare (hospitals and clinics), waste management (collection, waste-to-energy plants), and water (collection, treatment, and distribution) infrastructure. The contribution of PPPs in enhancing development of the economy cannot be underated.

In Kenya, there has been considerable progress in the last 5 years in attracting private investment into the country. There is a, however, potential for Public Private Partnerships (PPPs) to contribute more and help bridge the gap. To this end, the Kenyan Government has developed a PPPs framework.

The County Government of Embu will strive to use this developed framework towards attaining meaningful development in the county. To achieve this, the county intends to host forums and conferences intended to woo investors. The county will further explore new and innovative financing methods where private sector investment can be attracted through mutually agreed arrangements. Since neither the public sector nor the private sector can meet the financial requirements in isolation, the PPPs model presents a logical, viable, and necessary option for them to work together. It is hoped that PPPs will deliver efficiency gains and enhanced impact of the investments. The efficient use of resources, availability of modern technology, better project design and implementation, and improved operations combine to deliver efficiency and effectiveness gains, which are not readily produced in a public sector project. Further, the long gestation period of infrastructure projects requires sustainable financial and operational capacity. Therefore, there is increasing reluctance in both the public and private sectors to absorb all the costs and assume all the risks of building and operating these assets independently.

The county of Embu also expects to gain from resources mobilized by the National Treasury. According to Article 226 of the Constitution, it is the duty of the National Treasury to mobilize domestic and external resources for financing national and county governments. The county will further look at the framework available for raising credit as a source of funding. This will target heavy development expenditure if such development is vital to ensure take off in the various productive sectors. The County Treasury will liaise with the National Government towards attaining this objective. The County Treasury will among others undertake these functions towards achieving its mandate as it is required to mobilize resources for funding of the budgetary requirements of the county government and putting in place mechanisms to raise revenue and resources.

The county also expects to receive grants from development partners for various projects. It should be noted that under the PFM Act 2012, regulations approved by parliament shall provide for the administration, control and management of grants, including procedures to ensure that grants are spent on the basis of the Integrated County Development Plan.

6.3 Assets and Financial Management

Article 201 of The Constitution of Kenya, 2010 lays down the principles of Public Finance which include openness, accountability and public participation in financial matters. It recommends a Public Finance Framework that will promote an equitable society.

The Public Finance Management Act, 2012 Section 103 establishes the County Treasuries. The County Treasury, subject to the Constitution, will monitor, evaluate and oversee the management of public finances and economic affairs of the county government including developing and implementing financial and economic policies in the county; preparing the annual budget for the county and coordinating the preparation of estimates of revenue and expenditure of the county government; coordinating the implementation of the budget of the county government; mobilizing resources for funding the budgetary requirements of the county government and putting in place mechanisms to raise revenue and resources.

The County Treasury will also ensure compliance with accounting standards prescribed and published by the Accounting Standards Board from time to time. It will also ensure proper management and control of, and accounting for the finances of the county government and its entities in order to promote efficient and effective use of the county's budgetary resources.

6.4 Allocation from the National Government

To support the devolution framework, several acts of parliament have been enacted: The Urban and Cities Act 2011; The County Government Act, 2012; The transition to Devolved Government Act 2012; The Inter-government Relations Act, 2012; The Public finance management Act, 2012; The County Government Public Finance Transition Act, 2013. The constitution and many of these laws require “Integrated Development Planning” as the process of enhancing efficiency and effectiveness of budget fund and mechanism for addressing the county mandate under the Constitution of Kenya 2010.

Release of funds from the national government will depend on whether a county has developed an integrated development plan. Integrated development planning is defined as a process through which efforts at national and devolved levels of government and other relevant public institutions are coordinated at local level, and through which economic, social, environmental, legal and spatial aspects of development are brought together to produce a plan that meets the need and targets set for the benefit of local communities.

Part XI of the County Government Act 2012 obligates the county government by to ensure harmony of the integrated development plan with the national plans, and other sub-county plans such sectoral plan, spatial plans and urban and city plans which are located in the county. In accordance with article 106, the plan will thereby provide mechanism for linking the county and national planning processes with the MTEF budgetary system.

The budget process for county governments consists of an integrated development planning process, which include both long term and medium term planning. The integrated plan establishes financial and economic priorities for the county over the medium term and makes an overall estimation of the county government's revenues and expenditures.

Based on estimates from The Commission on Revenue Allocation, the County of Embu received Kshs. 3,364,281,092 for the financial year 2013/14. This allocation has been determined based on the county population (45%), poverty index (20%), land area (8%) basic equal share (25%) and fiscal responsibility (2%). Although prorated, prudent public resource management as stipulated in the PFM Act 2012 will determine the amount the county receives in future based on fiscal responsibility. In addition, The County government of Embu intends to raise Kshs. 439,611,586 million in local revenue. All funds available will collectively create a fund for both recurrent and development expenditure. There are no outstanding or committed donor grants or such other funding that has been confirmed as at the end of August 2013 that would supplement this fund. Revenue is projected to grow at an annual growth rate of 10% as indicated in the table below:

TABLE ON REVENUE PROJECTION FOR 5 YEARS (2013-2018)

FINANCIAL YEAR	REVENUE FROM NATIONAL GOVT	LOCAL SOURCES	AiA
2013/14	2,807,082,690	439,611,586	169,422,720
2014/15	3,267,666,165	390,000,000	358,000,000
2015/16	3,725,139,428	390,000,000	358,000,000
2016/17	4,246,658,948	390,000,000	358,000,000
TOTAL	14,046,547,231	1,609,611,586	1,243,422,720

6.5 Strengthen monitoring of funds utilization

To ensure optimal utilization of the County's funds, the following activities will be undertaken:

- Monitor and evaluate the County's programmes regularly to ensure prudent use of funds to avoid wastage.
- Run sensitization programmes for the implementing departments on monitoring and evaluation.
- Prepare work plans based on the County's CIDP.
- Prepare and implement an effective and efficient procurement plan.

**CHAPTER SEVEN:
DEVELOPMENT PRIORITY PROGRAMMES AND
PROJECTS**

7.0 INTRODUCTION

This chapter presents a highlight of programmes identified in various forums including, Vision 2030 and the first MTP dissemination forums; MTEF consultative forums; the 2nd MTP Consultations and other development consultations at other devolved levels. The chapter presents the projects and programmes as follows; On-going projects, (flagship and others), stalled projects, outstanding proposed projects and new proposals.

The information is presented based on the Medium Term Expenditure Framework budgeting system. Nine sectors have been used, namely, Agriculture, Livestock, Fisheries and Co-operative Development; Investment and Industrialization; Infrastructure, Public Works and Housing; Lands, Water, Environment and Natural Resources; Health; Education, Science & Technology and ICT; Trade and Tourism; Youth Empowerment and Sports; and Gender, Culture, Children and Social Services.

7.1 Agriculture, Livestock, Fisheries and Co-operative Development

Agriculture is the mainstay of the economy and livelihood of the people of Embu County. The sector employs 70.1 per cent of the population and 87.9 per cent of the households are engaged in agricultural activities. The sector comprises of the following four sub-sectors: Agriculture; Livestock; Fisheries and Cooperative Development

Sector Vision and Mission

Vision: An innovative, commercially-oriented and modern Agriculture and Rural Development Sector.

Mission: To improve livelihoods of Kenyans through promotion of competitive agriculture, sustainable livestock and fisheries sub-sectors, growth of a viable cooperatives sub-sector, equitable distribution and sustainable management of land resources and sustainable management of forestry and wildlife resources.

County Response to the Sector Vision and Mission

The agriculture sub-sector has promoted the use of improved seed of the traditional food crops/drought resistant crop varieties which address the issue of food security better in the semi-arid areas by providing them at the farm level. There is continuous farmer training on ecologically sustainable land use methods and farming systems. These coupled with the harnessing of water for irrigation has improved the food situation in the county. This is expected to further improve the livelihoods and social wellbeing of the people. The farmers are also learning to practice farming as a business in future.

The livestock sub sector has introduced better livestock species, which have adapted to the climatic condition of the county. This has been achieved through continuous upgrading of the local species through cross breeding. This has improved the production under livestock.

Role of Stakeholders in the Sector

Stakeholder	Role
Department of Agriculture	<ul style="list-style-type: none">• To promote the use of farm inputs i.e. fertilizer and hybrid seed;• Capacity building for both the staff and farmers;• It's the driving engine in extension provision through focal area approach:

Stakeholder	Role
	<ul style="list-style-type: none"> • Support offices with ICT; • Promote income generation activities.
Department of Livestock Development	<ul style="list-style-type: none"> • To increase production of milk, meat, eggs, honey, hides and skins, and other animal products.
Development partners	<ul style="list-style-type: none"> • Promotes tree production, farm mechanization, improved seed use; • Provision of start-up materials for demonstrations and trainings; • Enhancing dissemination of livestock market prices through bill boards for bulletins; • Capacity building for both the staff and farmers.
Non-Governmental Organization	<ul style="list-style-type: none"> • Promoting the micro-finance issues within the community; • Financial support to carry out trainings in soil conservation and tree planting.
Faith Based Organization (FBOs)	<ul style="list-style-type: none"> • Promote Agricultural programmes that complement the work like soil and water conservation, agro-processing, organic farming promotion and promote group activities as well.

Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
Agriculture	<ul style="list-style-type: none"> -Minimize post harvest and on-farm losses; -Increase use of agricultural inputs; -Improve productivity per unit area; -Provide disease free planting materials; -Increase farm income; -Develop 	<ul style="list-style-type: none"> -Inadequate technological know-how; -High cost of farm inputs; -Weak farmers' organizations; -Environmental degradation; -Crop diseases; -Low incomes; -Declining soil fertility; 	<ul style="list-style-type: none"> -Capacity building for farmers and staff; -Promotion of high value crops and diversification, Promotion of emerging crops; -Access to inputs by resource poor farmers, 'break the cycle'; -Value addition, farming as business; -Promotion of

Sub-sector	Priorities	Constraints	Strategies
	appropriate technologies; disseminate information to farmers; -Provide and facilitate collaborative extension services.	-Under production per unit area; -Small farm sizes; -Low staffing; Inadequate resources.	traditional food crops; -Participatory research and technology dissemination; -Development of appropriate crop varieties; -Facilitate access to markets for agricultural products;
Livestock Development	-Develop appropriate technologies; -Disseminate Information to farmers; -Promote production of milk, meat, eggs, honey, hides and skins, and other animal products efficiently; -Provide and facilitate of collaborative extension services; -Facilitate livestock marketing; -Promote value addition through processing of animal products; -Promote animal husbandry as a business through equipping farmers with necessary capacity and	-Inadequate technological know-how; -High cost of farm inputs; -Low incomes; -Low staffing; -Inadequate resource; High cost of good animal breeds; -High cost of the artificial insemination services.	-Capacity building for farmers and staff; -Access to inputs by resource poor farmers; -Value addition, livestock farming as business; -Increase access to agricultural information; -Participatory research and technology dissemination; -Facilitate access to markets for livestock products; -Increase livestock output and productivity; -Promote and enhance ICT usage for improved management and dissemination of information; -Provision of high quality skins and hide through supervision of traders; -Improvement of livestock breeds through

Sub-sector	Priorities	Constraints	Strategies
	training; -Disease control through vaccinations and surveillances;		supervision of licensed artificial insemination service providers.
Fisheries Development	-Develop appropriate technologies; -Disseminate information to farmers; -Provide and facilitate collaborative extension services.	-Inadequate technological know-how; -High cost of farm inputs; -Low incomes; -Low staffing.	-Capacity building for farmers and staff; -Access to inputs by resource poor farmers; -Value addition, fish farming as business; -Increase access to agricultural information; -Participatory research and technology dissemination; -Facilitate access to markets for fish products; Increase fish output and productivity;
Co-operative Development	-Accessibility to the market; -Value adding on the farm produce; -Enhance awareness to market information; Improve on governance; Ensure availability of farm credit.	-Low capital base; -Poor management; -Lack of adequate market information and collection tools; -High competition; -Lack of extension services.	-Intensify training; -Encourage registration of cooperatives in productive sector; -Increase and enhance shares subscription.

Project Name	Objectives	Targets	Description of Activities
SHEP UP –County wide Nembure & Central Manyatta constituency	Training small holder horticulture farmers for improved production and marketing of produce	5 horticultural crop producing and marketing groups.	-Capacity building of staff -Sensitization workshop -JEF2G training -FABLIS forum -FT-FaDDE -Infield training
SCAO Office construction in Ngandori East location ,Manyatta Division ,Manyatta constituency	To create office space and improve work environment	1	Construction of the office block
Kibugu Horticultural market construction ,Kibugu location .Manyatta Division, Manyatta constituency	To improve marketing of horticultural produce	1	-Identification of existing market groups -Training of marketing groups on technical skills and value addition MOU development
Riakimakia bridge construction ,Kibugu location .Manyatta Division, Manyatta constituency	To improve horticultural production and marketing	1	Community sensitization Construction of the bridge
Kathiga Gaceru Irrigation Scheme, Muringari Location, Kanyuambora Div. Mbeere North Constituency	-To improve food security and farm incomes	161 farmers	-Irrigation infrastructural works put in place -Capacity building for horticultural production and marketing -Marketing shed constructed and utilized for marketing
Murachaki Irrigation Scheme, Ishiara Location, Evurore Division, Mbeere North Constituency	-To improve food security and farm incomes	500 farmers	-Irrigation infrastructural works put in place -Capacity building for horticultural production and marketing -Marketing shed

Project Name	Objectives	Targets	Description of Activities
			constructed and utilized for marketing
Kiambindu Irrigation Project, Ishiara Location, Evurore Division, Mbeere North Constituency	-To improve food security and farm incomes	120 farmers	-Irrigation infrastructural works put in place -Capacity building for horticultural production and marketing -Marketing shed constructed and utilized for marketing
Traditional High Value Crops-Gachoka Constituency.	-Avail clean planting material to farmers -to mitigate the souring effects of drought in the district -To improve the farmers' livelihood.	Farmer groups in the district.	-Beneficiary identification Seed distribution, Demonstration plots, Field follow-ups, Seed retrieval and Redistribution to secondary beneficiaries.
EAPP-Mwea, Gachoka, Kiritiri divisions	-Avail clean planting material to farmers -to mitigate the souring effects of drought in the district -To improve the farmers' livelihood	Farmer groups in the 3 divisions.	Beneficiary identification, Cassava cuttings, distribution, Demonstration plots, Field follow-ups, Seed retrieval and Redistribution to secondary beneficiaries.
Livestock production extension services County wide	-To increase livestock output and productivity -To facilitate access to market for livestock and livestock products	80,000 farmers reached through farm visits 20,000 farmers during field	Imparting skills to farmers on different livestock enterprises Support to livestock production

Project Name	Objectives	Targets	Description of Activities
		days 20 farmers field school formed 28,000 farmers trained on different livestock enterprises 50 farmers tours conducted	
Mainstreaming Sustainable Land Management in Agro pastoral systems of Kenya Mbeere North Sub County	-To provide land users and managers with financial incentives , enabling policy , institutional and capacity for effective adoption of sustainable land management	Kiangombe Hill caatchment	Integrated environmental conservation
Agricultural Sector Development Sector Project County wide	To support the transformation of Kenyas agricultural sector into and innovative, commercially oriented , competitive and modern industry that will contribute to poverty reduction and improved food security	Farmers in the agricultural sector	-Value Chain identification and development -Market linkages
Beekeeping	Poverty reduction	Common Interest	Honey production & processing

Project Name	Objectives	Targets	Description of Activities
Manyatta sub county		Group	
Dairy Goat Value chain Manyatta and Runyenjes sub counties	Poverty reduction	22 Common Interest Groups	Milk and kids production & marketing
Milk production Manyatta sub County	To enhance milk production	One institution	Milk production and marketing
Fish farming enterprise and Productivity Programme County Wide	Increase aquaculture production; Raise incomes; Food security; Employment creation;	1300 farmers/ institutions	Construction of 1300 fish ponds; Supply of 1000 fingerlings per ponds; Supply of 800 kg of fish feed

IRRIGATION

Kanthitu Irrigation Project	Provision of water for agricultural production	50 Hectares to be covered	- Surveying - Construction of intake wand laying water pipes
Iriari Irrigation Project	Provision of water for agricultural production	200 Hectares of land to be covered	- Surveying - Construction of intake wand laying water pipes
Gaturi Kagaari & Kyeni	Provision of water for agricultural production	1000 Hectares of land to be covered	- Surveying - Construction of intake wand laying water pipes
Kibugu Nguviu	To increase land utilization through irrigation	100 Ha , 500 beneficiaries	- Construction of intake works - Installation of pipes, fittings and accessories
Runga	To increase land utilization through irrigation	200 Ha , 1000 beneficiaries	- Installation of pipe, fittings and accessories

Itabua Muthatari	To increase land utilization through irrigation	200 ha,1000 beneficiaries	- Installation of pipes, fittings and accessories
Gichangai	To increase land utilization through irrigation	100 Ha, 500 households	- Installation of pipes, fittings and accessories
Kithiiria	To increase land utilization through irrigation	100 ha, 500 households	- Installation of pipes, fittings and accessories
Karura Irrigation Project	Improve the living standards of member farm families through irrigated agriculture	50 farm families targeting 20 Ha	It's a pump feed irrigation project that uses drip system and requires completion of infield drip system
Mikui drip irrigation project	Improve the living standards of member farm families through irrigated agriculture	50 farm families	It's a pump fed irrigation project that pumps water to a storage tank and irrigate through a drip system. Its implementation is incomplete but partially done
Kiambindu irrigation scheme	Uplift the living standard of member families and through food sufficiency and increased income	200 farm families targeting 100 ha	Completion of laying of sub mainline laterals and infield system
Kathiga Gacheru irrigation project	Uplift the living standard of member families and through food sufficiency and increased income	160 farm families targeting 70 ha	Completion of laying of the remaining lateral lines and infield system
Murachake irrigation project	Uplift the living standard of member families and through food sufficiency and increased income	160 farm families targeting 80 Ha	Development of infrastructure system
Nthawa	Uplift the living	500 farm	Project complete and

Irrigation project	standard of member families and through food sufficiency and increased income	families targeting 250 Ha	irrigation ongoing
--------------------	---	---------------------------	--------------------

ii) New Project Proposals

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
Promotion of Macadamia Value Chain in Manyatta and Runyenjes Constituencies	1	Improve incomes, Employment creation, and food security assurance	-Improve the productivity per ha -Expansion of the area under production -Processing and value addition	-Community Mobilization, capacity building, Value chain analysis, -Technical training for the staff -Facilitating access to improved planting materials -Rehabilitation and improvement of processing facilities, Demonstrations on value addition Monitoring and evaluation of the progress
Cotton promotion in Mbeere South and Mbeere North constituencies	1	To improve productivity, incomes and employment	Increased yields per unit area Expand production area	Mobilization ,Farmers Capacity Building, Inputs Acquisition, Establishment of Ginning Facilities, Monitoring and Follow ups
Promotion of Gadam	1	To improve	Increased yields per unit	Mobilization

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
Sorghum value chain in Mbeere South and Mbeere North constituencies.		productivity, incomes and employment	area Expand production area	,Farmers Capacity Building, Inputs Acquisition, Market linkages, Monitoring and Follow ups
Banana value chain promotion in all the sub-Counties	1	To improve productivity, incomes and employment	Increased yields per unit area Expand production area	Mobilization ,Farmers Capacity Building, Inputs Acquisition, Establishment of value addition Facilities, Monitoring and Follow ups
Mango, bananas and passion fruits value chain development County wide	1	To improve income generation, Employment creation, and food security assurance	-Improve the productivity per ha -Expansion of the area under production -Market linkages -Dissemination of value addition technologies	-Capacity building of farmers -Mobilization of farmers to form groups and strengthening the existing -Technical training for the staff -Facilitating access to clean planting materials Demonstrations on value addition -Monitoring and evaluation of the progress
Establish cottage industries for banana value chain Manyatta sub-county	1	To promote market access and product development	-Value addition groups - Banana commercial villages	-Provide market information -Promote value addition
Construct a grain/fertilizer storage facility in	2	To promote grain drying, bulking and facilitate	Grain farmers in Embu East and nearby farmer from Embu West	-Provide farmers with suitable storage and drying

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
Ugweri or in Runyenjes Sub- County		access to GOK subsidized fertilizer		facility and storage of fertilizer for easy access.
Emerging technology ;Green house technology- Promotion of horticultural Production in Embu County e.g Tomato	1	To achieve self sufficiency in supply of local vegetables, market surplus to external markets and also produce export market vegetables to earn foreign exchange.	Increase production of Tomatoes,Cabbages,Kales,F rench beans,Capsicums mainly in the irrigation schemes	-Farmers mobilization and capacity building for the farmers/ farmer groups -Formation of well structured and effective production/ and marketing groups. -Increase production and productivity by expanding hectarage and ensuring high yields per unit area Promotion of contract farming -Identification and promotion of emerging technologies
Promote Conservation Agriculture in the county	1	Improve productivity and soil and water conservation	In all Sub Counties	Procurement of equipments, demonstrations and tarinings
Establishment of an agribusiness centre	2	To promote commercial agriculture	Small scale farmers in the sub county	-The center will be the focal point for promotion of farming as a business and will focus on training, consultation, demonstration on the applicability of recommended technologies and providing skills on

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
				value addition to various commodities
Government subsidized fertilizer County wide	1	To avail affordable fertilizer to farmers To enhance production hence improve on food security	100,00 tonnes to benefit 250,000 farmers	-Community and stakeholders mobilization -Construction of a storage facility Procurement of the fertilizers
Promotion of tree tomato value chains – County Wide	1	Increase production Improve farmers income and food security Create employment	3000 farmers	-Community and stakeholders mobilization -Baseline data collection -Farmers and staff capacity building -Nursery establishment -Establishment of demonstration plots -Formation of value addition groups Monitoring and evaluation
Mitigation against climate change County Wide	1	To conserve the environment through farm forestry and energy saving	30,000 population	-Capacity building on afforestation and provision of seed -Capacity building on energy saving devices and provision of subsidized rocket stoves
Construction of grain	2	To promote grain	Grain farmers in Manyatta	-Provide farmers

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
and fertilizer storage facility and milling plant-Kithimu		drying, bulking and facilitate access to GOK subsidized fertilizer	and nearby farmer from Runyenjes	with suitable storage and drying facility and storage of fertilizer for easy access.
Support to Irrigation projects County wide	1	To optimize irrigation water use, to promote agribusiness and introduce emerging technologies in farming	8,000 farmers	-Demos on drip irrigation -Training in agribusiness -Promotion of upland arrow root African Leafy vegetable production and
Construction and establishment of slaughter houses County wide	1	Increase production Improve farmers income and food security Create employment	All sub counties	
Enhancement of milk production,processing and marketing in Manyatta and Runyenjes sub counties	1	-Enhance and sustain high milk productivity and quality through dairy enterprise integration	Dairy farmers	-Procurement and installation of a milk cooling facility -Purchase of Milk testing kit -Purchase of Milk dispensers& Can Scrubber -Capacity Building -Procurement of AI equipment & centre set up the centre -Purchase a motorcycle -Procure & install the software -Procure & install generator

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
				-Develop Monitoring and Evaluation tools -Dairy Value chain analysis -Establishment of Bulking plots Milk processing
Dairy Goat Value Chain County wide	2	Improve food security and enhance general livelihoods of individual dairy goat farmers	Dairy goat farmers	-Procurement and installation of a milk cooling facility -Establish dairy goat milk collection points -Set up of a veterinary centre -Farmer capacity building -M&E tool development -Dairy goat value chain analysis -Establishment of AI centre
Improvement of Indigenous Chicken County wide	2	-Improved chicken production for increased household income	Poultry farmers	-Purchase of fertilized eggs -Purchase of Kenbro chicken -Farmer capacity building -Demonstration farm establishment -Health & disease control
Trout Hatchery and Fish farm Manyatta Sub-County	2	-To increase trout fish production; -Raise farm incomes;	Especially in Riparian fish farmers along Rivers Rupingazi, Thuci, Ena, Thambana, Kagumori, Kii,	-Construction of Hatchery; 20 brooder ponds; 50 fingerling

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		-Food security; -Raise revenue from sale of trout fingerlings.	up to 5km from Mt. Kenya forest with a potential production of 100,000 kg annually valued at Ksh. 80 Million	ponds; 10 outgrowing ponds; -Lab office and residential block as well as access road inside Mt. Kenya forest along R. Rupingazi; Perimeter fencing.
Mini Processor Fish plant Runyenjes sub-county	1	-Fish produce preservation; Value addition; Employment	All county fish farmers	Construction of main Mini-processor building; Installation of freezer equipment and accessories; Construction of staff housing.
Fish demonstration farm and seed Bulking Unit Manyatta sub-county	2	-County seed sale to farmers; -Training of farmers at facility; -Raise revenue for county	All county fish farmers	Water supply works installation; Fish pond construction; Put up fish fingerling holding tanks; Perimeter fencing.
Fish Auction Centers Embu, Kiritiri, Siakago and Runyenjes markets	2	-Provide sanitary areas for fish sale to consumers; -Ease regulation and collection of levies	Fish traders in the 4 markets	-Construct approved structures with sanitation standards for fish sale by Fish Quality Assurance Departments standards Installation of cold facilities
Fish cold storage - Ngiiri market at	1	To reduce fish post harvest losses	All fisher folk in Mbeere North and South sub-	Installation of cold storage equipment

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
Mbeere North sub- county -Riakanau market at Mbeere South sub- county		by 100% captured in Tana River dams; Increase value of fish harvested due to preservation.	counties	in accordance with Fish Assurance Departments standards
Milk coolers in manyatta and Runyenjes sub counties	1	-To enhance and sustain high milk productivity and quality -To cut on the cost of handling milk -To increase the shelf life of milk	Dairy farmers in Manyatta and Kubugu	-Procurement and installation of a milk cooling facility -Purchase of Milk testing kit -Purchase of Milk dispensers& Can Scrubber -Capacity Building -Mobilization of the Milk Producers to form a co-operative for cooler acquisition -Identify the partners in the cooler business -Secure the location of the cooler -Order the cooler and have it installed -Monitoring and Evaluation
Meat processing plant		Increase value addition in meat	Mbeere north sub county- Ishiara	Installation works
Agricultural extension services support	1	Farmers support,advisory services,increased food production	Cover 70% of the farmers in every ward	Impact skills to farmers on crop husbandry
Slaughter houses rehabilitation	1	Ensure public health standards are met ,improve	One per sub-county	Identifying scope of work,maintenance

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		marketing of the by-products		of the structures
Livestock yards	1	Marketing of livestock,enhance raising revenue	Five in the County	Identifying of the yards,Fencing and installation of gates
Water and Irrigation	1	Farmers support,,increased food production		Impact skills to farmers on crop husbandry
Beautification of towns	1	To enhance conserving the environment		Identifying scope of work,maintenance of the structures
Development and procection of water springs	1	Farmers support,,increased food production		Impact skills to farmers on crop husbandry
Construction of Ishiara slaughter house	1	Ensure public health standards are met ,improve marketing of the by-products	One	Identifying scope of work,maintenance of the structures
Construction of Kiritiri slaughter slab	1	Ensure public health standards are met ,improve marketing of the by-products	One	Identifying scope of work,maintenance of the structures
Renovation of Kathuriri tea buying centre	1	Improve quality of the tea,enhance marketing of the products	one	Identifying the scope of works,renovation
Construction of milk cooler at Gatumbi	1	Improve incomes,minimise wastage,enhance value addition	One	Procuring and installation of the milk cooling facility
Desilting of Itiira Kanjikeru dams	1	Water harvesting for crop	One	Excavation of the dam

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		production		
Desilting of Karimari dam	1	Water harvesting for crop production	One	Excavation of the dam
Desilting of Rukiriri dam	1	Water harvesting for crop production	One	Excavation of the dam
Desilting of Kiuguri va Kiangu dam	1	Water harvesting for crop production	One	Excavation of the dam
Scooping and destilation of earth dams at Mavuria	1	Water harvesting for crop production	One	Excavation of the dam
Rehabilitation of water harvesting plants in Ciambingo & Kavaira	1	Water harvesting for crop production	One	Excavation of the dam
Runga irrigation project pipes	1	To improve food security and farm incomes	One	Irrigation infrastructure works
Construction of Mbonzuki cereal board welfare house	1	Preservaton of the cereal and marketing	One	Construction of cereal house
Completion of Gikuyari-Kamugu water project	1	To improve food security and farm incomes	One	Water infrastructure works
Desilting of Rwagire dam	1	Water harvesting for crop production	One	Excavation of the dam
Desilting of Mariari dam	1	Water harvesting for crop production	One	Excavation of the dam
Desilting of Karuriri dam	1	Water harvesting for crop production	One	Excavation of the dam
Purchase of pipes for Mariari-	1	Provision of water access and		Purchasing of pipes

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
Kiambere water project		sanitation		
Purchase of pipes for Itabua-Muthatari water project	1	Provision of water access and sanitation		Purchasing of pipes
Construction of Iriari Gaconi Dam	1	Water harvesting for crop production	One	Construction works
Banana processing project-Kyeni North	1	To promote market access and product development	One	Mobilising, farmers capacity bulding and establishment of value addition facilities
Fencing of Iriamui dam	1	Security purposes and proper control of water	One	Fencing works
Destilation of Mburutani earth dams	1	Water harvesting for crop production	One	Excavation of the dam
Scooping and destilation of Ntharawe earth dam	1	Water harvesting for crop production	One	Excavation of the dam
Scooping and destilation of Muramba Mubuthu earth dam	1	Water harvesting for crop production	One	Excavation of the dam
Reburbishment of Ndithiri borehole	1	Provision of water access	One	Construction works

IRRIGATION

Develop and construct irrigation schemes- County Wide such a Rupingazi-Weru irrigation scheme	1	To increase land utilization through irrigation; Reduce over-dependency	2500 Ha	Construction of intake works; Installation of pipes fittings and accessories
---	---	--	---------	---

		on rain fed agriculture.		
New Kithimu Irrigation water project	1	To increase land utilization through irrigation; Reduce over-dependency on rain fed agriculture.	500 households	Construction of intake works; Installation of pipes fittings and accessories

iii) Flagship Projects

Project Name	Location	Objectives	Targets	Description of activities
Market infrastructure in Kangaru and Kithimu markets	Manyatta sub-county	To develop market infrastructure to spur production and increase quantity of produce marketed	Smallholder horticultural farmers. Produce traders	Construction of wholesale markets
Access road rehabilitation in Nembure division	Manyatta sub-county	To improve on farm-to-market access for smallholder horticultural farmers.	Smallholder horticultural farmers. Produce traders	Rehabilitation of Nvangua/Rwangondu bridge
Kathiga Gaceru Irrigation Scheme, Muringari Location, Kanyuambora Div. Mbeere South sub county	Mbeere North sub-county	-To improve food security and farm incomes	161 farmers	-Irrigation infrastructural works put in place -Capacity building for horticultural production and marketing -Marketing shed constructed and utilized for marketing

Project Name	Location	Objectives	Targets	Description of activities
Nthawa Irrigation Scheme, Nthawa Location, Siakago Division, Mbeere North Constituency	Mbeere North sub-county	-To improve food security and farm incomes	250 farmers	-Irrigation infrastructural works put in place -Capacity building for horticultural production and marketing -Marketing shed constructed and utilized for marketing
Post- Harvest Management Project (ESP) Siakago Division, Mbeere south Sub county		-To improve food security through reduction of post harvest losses -To improve farm incomes through timely sale of grains	2,000 households	-Drying of grains to the right moisture content -Construction of a grain storage facility -Mobilization of community to manage the facility -Appropriate storage of grain for future access
Kangami Earth dam ,Mbeti South Location, Gachoka division.	Mbeere South sub-county	Water Harvesting for crop production.	1	Excavation of the dam, Putting up of demo plots & tree nursery, construction of utility points.

iv) Stalled projects/programmes

Project Name	Location	Description of activities	Reasons for stalling
Water Harvesting projects	Rukanga in Kagaari South East, Runyenjes Div Kanyonga in Kyeni South, Kyeni Div.	Survey works, Designs, EIA/EA reports are ready.	Funds recalled back to Headquarters.

Project Name	Location	Description of activities	Reasons for stalling
Constituency water harvesting project	Ngandori East	Community sensitization Surveying and design Develop EIA report	The funds for civil works (excavation) were not released by the GOK
Karambari Earth Dam	Karambari Location, Muminji Division	-Community mobilization -ESIA and project design -Construction of a earth dam for water harvesting for farming	-Funding for infrastructural works not available
ALLPRO shallow well improvement	Gatua, Kirie in Mbeere North	Installation of hand pump	Pumps stolen, Inadequate funds from project

Strategies for Mainstreaming Cross Cutting Issues

Increased agricultural productivity will ensure access to food in sufficient quantity and quality as well as surplus for sale. This will mean greater supply of farm produce in the market which will translate to higher volumes of various foodstuffs at household level. The Agricultural and Rural Development sector has been embarking on programmes which promote planting of drought resistant crops due to the prevailing harsh climatic conditions in the county. In mainstreaming of cross cutting issues, the *Njaa Marufuku Kenya* (NMK) programme has been at the forefront aimed at reducing extreme poverty and hunger in the county. Community groups are given direct grants to implement projects which address food insecurity. These programmes will put the county on course to achieve MDG number 1 which aims at eradicating extreme poverty and hunger.

The sector recognizes the critical role played by women and youth in development and in this regard proposes to offer training programme on cross-cutting issues that affect the youth and women groups in the County. This will go a long way in reducing the gender inequality and at the same time address the unique needs of women and youth and consequently, enable the county towards achieving MDG number 3 which aims at promoting gender equality and empowerment of women.

7.2 Investment and Industrialization

Sector Vision and Mission

Vision: to be the County of Choice for Investors and Leading Industrial hub in Kenya by 2022.

Mission: To transform Embu County into an investment destination and a regional industrial hub by creating an enabling environment.

County Response to the Sector Vision and Mission

Investment and Industrialization is responsible for creating an enabling environment for industrial investments and development in the county and contribute towards the achievement of Vision 2030, which seeks to transform Kenya into a newly industrialized middle income country by year 2030. This department will ensure value addition to transformation, improvement or enhance raw materials usage, reducing waste increase the produce. This is vital for optimization and creation of wealth, employment and regional development.

The department will also ensure continuous training on business development and business sustainability as well as attract the internal and external investors in order to improve the economy of the County. Consequently this will improve the livelihoods and social wellbeing of the people of Embu County.

The industrialization sub sector has is strategic to the vision of the county; to ensure a prosperous county with opportunities for all. Being a county that is endowed with agricultural products and expansive land for construction of industries, Embu County stand a chance of being the investors' county of preference as far as investment is concerned.

Our mandate is derived from the Presidential Circular No. 1/2008 of May 2008 and includes: Industrial Development Policy; Patent Policy; Quality Control; Industrial Training and Capacity Building; Attracting Local and Foreign Direct Investments; Promotion of Industrial Research and Development, Innovation, and Technology Transfer; and the development of Micro, Small and Medium Industries.

Core Functions

In carrying out our mandate, the Ministry has a number of functions that are core and are geared towards ensuring the fulfilment of its Mission and achievement of its Vision. The core functions are outlined below:

- Provision of an enabling environment for domestic and foreign direct investment.
- Formulation, co-ordination, and implementation of the National Industrialization Policy.
- Formulation, co-ordination, and implementation of Industrial Property Rights Policy for the protection and use of industrial property.
- Facilitation of the development and enforcement of quality standards.
- Promotion of the development of industrial tooling and machining.
- Facilitation of the development of technical, entrepreneurial and managerial skills for the industrial sector.
- Arbitration and settlement of Industrial Property Rights disputes.
- Promotion of Industrial Research and Development, Innovation, and Technology Transfer.
- Creation and Promotion of market linkages.
- Facilitation of access to short, medium and long-term financing for Micro, Small and Medium Industries (MSMIs)

Role of Stakeholders in the Sector

Stakeholder	Role
Investment	<ul style="list-style-type: none"> • To capitalize on the available opportunities of investments within the Embu County • To create employment for the people of Embu county • To ensure optimal exploitation of the available resources in order to improve on the GDP at the County level
Industrialization	<ul style="list-style-type: none"> • To increase ensure establishment of all relevant industries within the County • To ensure revival of the stalled industries for economic improvement of the County. • To ensure the public-private partnership for the purpose of involving all the stakeholders in economic exploitation of the County resources.

Stakeholder	Role
Development partners	<ul style="list-style-type: none"> • Promotes expertise in the development of investments and industries within the County; • Provision of start-up capital to the new innovations and creative ventures; • Enhancing dissemination of vital information and assist in capacity building for both the staff and within the department and the stakeholders in the investment and industry ventures
Non-Governmental Organization	<ul style="list-style-type: none"> • Promoting the micro-finance issues within the community; • Financial support to carry out vital feasibility studies and initial ventures especially where the community needs financial push.
Faith Based Organization (FBOs)	<ul style="list-style-type: none"> • Promote cottage industry for agro-processing, organic farming promotion and promote group activities as well; • Ensure involvement of Women, Youth and the disabled in the development of investment and industrial ventures within the County.

Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
Investment	<ul style="list-style-type: none"> -Increase investment opportunities for Embu County residents; -Increase the Return on Capital Employed for all the investors across the County; -Improve investment models by establishment of investment co-operative for the County; 	<ul style="list-style-type: none"> -Inadequate information for some business people; -Prolonged dry spells that affect agro-based investments; low incomes leading to low disposable income for investments. -Conflict of interests from the Chamber of 	<ul style="list-style-type: none"> -Capacity building to enlighten the community on available investment opportunities; -Promotion of creation of an investment culture through established investment Co-operative; involve all the parties -Sensitization of the business community to participate in formation of investment umbrella

Sub-sector	Priorities	Constraints	Strategies
	<ul style="list-style-type: none"> -Provide oversight for investment and ensure advisory services through Embu County Investment Board; -Increase income for all households through sensitizing and implementation of investment schemes at the Ward-level; -Develop appropriate technologies to disseminate information to the investors. 	<ul style="list-style-type: none"> Commerce; -Competing interests of the micro-credit firms; -Preference of the community to consumption due to the increased cost of living. 	<ul style="list-style-type: none"> body for the county; -Use the political and opinion leaders in sensitization of the community to participate in investments; Conduct investor for a every year to attract funding to support investment ventures in the County -Providing the community with a profile of investors and investment opportunities within the County.
Industrialization	<ul style="list-style-type: none"> -Ensure development and implementation of appropriate technologies; -Ensure appropriate environment for the industrialists to put up plants in the catchment and designated industrial park; -Promote the revival of the stalled industries within the County; -Promote the 	<ul style="list-style-type: none"> -Challenges of ownership of the land to develop the industrial and SME parks; -Low understanding of co-operation in some parts of the county; -Low inception of technology to enhance value addition; -Inadequate resource due to high cost of living; 	<ul style="list-style-type: none"> -Negotiate for the transfer of some land in Machang'a and Njukiri from the current title holders; -Train the communities on value addition and well as value chain development for the agro-based products; -Promotion of co-operation among different groups for the development of cottage industries; -Work with the polytechnics to

Sub-sector	Priorities	Constraints	Strategies
	<p>mushrooming of cottage industries at the village level across the County;</p> <p>-Ensure sensitization and disseminate of information to both the investors and the residents through exhibitions and investor conferences;</p> <p>-Facilitate value chain development and management to enhance value addition for all products within the County.</p> <p>-Promote control of all industrial ventures to ensure conformity to sustainability standards in relation to labour, environment and profitability.</p>	<p>-Prolonged dry spells that affect the Agro-based industries.</p> <p>-Environmental concerns in some parts of the County</p>	<p>develop the required human capital for industrial labour;</p> <p>-Development of appropriate sustainability policies to cater for environmental concerns;</p> <p>-Increase access to information through publishing of researches conducted within the County;</p>

Project and Programme Priorities

i) On-going Projects/Programmes

Project Name	Objectives	Targets	Description of Activities

Project Name	Objectives	Targets	Description of Activities
Construction of County Industrial Development Centres	-To improve the premises for industrial investors -To provide space for capacity building for the business community	The Local Traders in all Sub Counties	-Liaise with the constructors for completion of the remaining phases -Let out the spaces to the traders -Put up the fittings for training facility

ii) New Project Proposals

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
Macadamia Value addition plant in Manyatta sub County	1	-To Improve incomes for the farmers -To create Employment for the county residents	Improve the incomes through value addition at the processing plant Ensure competitive market prices through corporate bargaining Increase the production level by creating demand pull	-Community Mobilization, capacity building on co-operation and value addition, -Identification of a Partner in the investment -Ensuring market linkages Monitoring and evaluation of the progress
Textile industry in Mbeere North sub	1	-To improve the incomes of	-Engage all the	-Contacting investors in

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
county		the households; To increase the employment of the youth and women in the industry;	productive youths and women in employment -increase the county production and utilization of ASALs	textile industry -have MOU with the Tharaka Ginnery on the supply of raw materials
Mango, bananas processing at Karurumo	1	-To improve income generation, -Employment creation, and food security assurance -To cut down on waste of mangoes through spoilage	-Improve the prices of mangoes through value addition -Reduce the cost of marketing through market linkages -increase the adoption of value addition technologies among the mango dealers	-Capacity building of farmers -Mobilization of farmers to form investment groups -Identify an investor in mangoes -Develop the value chain for mangoes -Monitoring and evaluation of the progress
Establishment of agribusiness processing industries in Njukiri SME Park	1	-To promote economic growth for Agro-processing	-Small scale agro-processers in the sub county	-Secure the Land -Survey and design of the sheds

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		-To create employment for the technical workforce within the County	-The small industries with medium level machinery	-Institution of the infrastructure -Allotment of the sheds -Monitoring and evaluation
Milk Coolers in Runyenjes and Manyatta sub counties	1	-To enhance and sustain high milk productivity and quality -To cut on the cost of handling milk -To increase the shelf life of milk	Dairy farmers in Manyatta and Kubugu	-Procurement and installation of a milk cooling facility -Purchase of Milk testing kit -Purchase of Milk dispensers& Can Scrubber -Capacity Building -Mobilization of the Milk Producers to form a co-operative for cooler acquisition -Identify the partners in the cooler business -Secure the location of the cooler -Order the cooler and have it installed -Monitoring and Evaluation
Gem Stone-County Wide	1	-To increase the County Revenues; To utilize the	-Nthawa-Thura areas	-Surveying and Mapping the areas with Gem Stone; -Identifying a

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		ASALs that are endowed with minerals		partner for this investment; -Develop the required policy for extraction of minerals -Monitoring and Evaluation
Bamboo industry in Manyatta and Runyenjes sub County	1	-To improve the incomes of the households -To boost the environmental conservation through growing of bamboo	2 sub counties	-Sensitize the community to form bamboo processing groups -Identify investors in the bamboo industry -Install the machinery for the industry -Monitoring and Evaluation
Ranching in Mbeere South and Mbeere North	1	-To improve the disposable incomes per house hold -To create employment of the community -To improve on the diet for households	Kiambere	-Mobilization of the stakeholders -Identification of the ranching land -Have the community raise the breeder livestock -Monitoring and Evaluation
Stone Dressing in the County;Nganduri in Mbeti South	1	-To reduce the cost of construction	In all sub Counties	-Mobilize the stakeholders in the stone

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		within the county for machine cut stones -To make economic production for the Nganduri community To improve on the welfare of the stone dressers		quarries Seek an investor in stone business for purchase of machinery in partnership with the community -Install the machine and commission it -Monitoring and Evaluation
County Investment Co-operative	1	-To save the county residents from wrong 'get rich quick' investments; -To improve on the economically sensible investments within the county; -To have an inclusive investment platform for all in the County	All the Residents and Natives of Embu County	-Form and register Embu County Investment Board; -Mobilize the community for formation of the Co-op; -Put up the systems for money remittance and investment identification -operations, Monitoring and Evaluation
Capacity Development Centre	1	-To improve the decision-making capacity of the business community	All County	-Mobilize the various groups -Conduct the Training Needs Assessment (TNA)

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		<ul style="list-style-type: none"> within the County; -To improve the quality of Human capital for the county; -To create a pool for business idea generation within the community 		<ul style="list-style-type: none"> -Develop the training Curriculum -Train the Trainers -Deliver the training to the final groups -Monitoring and Evaluation
Bio-gas plant in the County	1	<ul style="list-style-type: none"> -To reduce the reliance on wood for fuel within the populated areas -To reduce the cost of fuel for the community; 	<ul style="list-style-type: none"> -Majimbo (next to Slaughter house) -Emma (Sewerage area) -Populated estates 	<ul style="list-style-type: none"> -Identify investors in the project -Work on relevant policies -Sensitize the communities Put up the Bio-gas Plant -Monitoring and Evaluation
Business Incubation Centre in the County	1	<ul style="list-style-type: none"> -To increase the accessibility of vital business information -To improve on viability of business ideas -To improve on creativity and innovation among the county residents 	All the residents of the county with preference to youth, women and the disabled	<ul style="list-style-type: none"> -Set up the facilities at sub-county level -Equip with the literature and training materials -Liaise with the community incubation services -Attract investors -Monitoring and

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		-To create a profile of business ideas that are viable within the county		Evaluation
Poultry processing plant in the County	1	-To increase agro-based businesses within the County -To increase employment of the residents of the County -To improve on the disposable incomes of the residents	All sub counties	Construction works
Coffee and Tea value addition in the County	1	Value addition	In all sub counties	Installation of the processing equipment
Bakery	2	To improve on the disposable incomes of the residents	-Runyenjes sub county	-Wiring to be done -Oven working -Generator working -the bricks for the oven to be replaced
Honey Refinery	2	Value addition	-Kiambere ward	-Community mobilization -Installation of relevant machinery -development of the honey

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
				market - Commissioning of the Plant
Establishment of value addition plant	1	Value addition	All sub counties	-Community mobilization -Installation of relevant machinery -development of the honey market - Commissioning of the Plant

iii) Flagship Projects

Project Name	Location	Objectives	Targets	Description of activities
SME Park at Njukiri	Njukiri - Embu	-To improve the technical skills of the youth and jua kali artisans -To Improve incomes of the youth and jua kali artisans	One(1) park	-Securing of land -Survey and design of sheds -Installing of infrastructure -Construction of the park
Industrial Park at Machanga	Machang'a -Mbeere South sub county	To provide employment to the population of the county -To expand	One(1) large scale park	-Securing of land -Preparing of designs -Construction of infrastructure(buildings,access roads,power supply,water supply,sewer system and housing)

Project Name	Location	Objectives	Targets	Description of activities
		revenue base for the county -To improve income levels for the population		
Macadamia processing	Manyatta sub county	-To Improve incomes for the farmers -To create Employment for the county residents	The macadamia growers in Manyatta and Runyenjes Sub-County	-Community Mobilization, capacity building on co-operation and value addition, -Identification of a Partner in the investment -Ensuring market linkages Monitoring and evaluation of the progress
Textile Industry	Mbeere North sub-county	-To improve the incomes of the households; To increase the employment of the youth and women in the industry;	-Engage all the productive youths and women in employment -increase the county production and utilization of ASALs	-Contacting investors in textile industry -have MOU with the Tharaka Ginnery on the supply of raw materials
Gemstone mining	Mbeere North and Mbeere South sub county	-To increase the County Revenues; To utilize the ASALs that are endowed with minerals	All sub counties	-Surveying and Mapping the areas with Gem Stone; -Identifying a partner for this investment; -Develop the required policy for extraction of minerals -Monitoring and Evaluation

iii) Stalled projects/programmes

There were no stalled projects under this sector.

Strategies for Mainstreaming Cross Cutting Issues

There will be increased agro-based industries so that the agricultural products may undergo value addition. Through the other departments for co-operative the community will be sensitized to form business groups and co-operatives. All the infrastructural designs and constructions will be done by the infrastructure department. The ministry of Lands, Water and Natural resources will also be involved in the availability of land for the construction of the industrial and SME parks.

7.3 Infrastructure, Public Works and Housing

The Sector comprises of the following sub-sectors; Infrastructure; Public Works; and Housing sub-sectors.

A modern and well-maintained physical infrastructure is a key catalyst to economic growth and poverty reduction. Competitiveness and access to markets depend to a large extent on the efficiency of the physical infrastructure. For efficient economic management and poverty reduction, the focus on this sector will be to rehabilitate and regularly maintain the already existing infrastructure.

Sector Vision and Mission

Vision.

To facilitate provision and maintenance of quality infrastructure in roads, buildings, energy and other public works for sustainable social economic development.

Mission

“To provide efficient, affordable and reliable infrastructure for sustainable economic growth and development through construction, modernisation, rehabilitation and effective management of all infrastructure facilities”.

County Response to sector Vision and Mission

Physical infrastructure is very vital for sustained development, since it opens up the county to the wider nation, as well as boosting performance of other sectors. The County will therefore initiate appropriate measures to ensure the infrastructure is

generally improved to reliable levels for efficiency to be realised in the development activities. Each sub-sector will contribute towards the overall goal of improving quality of services offered by the sector by applying specific strategies.

Priority will be given to routine maintenance and rehabilitation of the existing road network through Roads 2000 Programme. Currently several roads have been improved through the programme and already a participatory forum has been convened where roads that transverse the county were identified and prioritised. Through the Roads Department, prioritised roads will be gravelled within the classified road network. To improve transport network, selected bridges will be constructed.

The task of maintaining the road network will be a joint effort between the Central Government and the County Government and the devolved funds such as CDF, as well as other stakeholders.

The housing sub-sector will prioritise maintenance of government pool houses and local authority housing estates with main focus being to provide quality houses. The county will further promote the low cost housing. Technologies will also be promoted through demonstrations, training and support. This will target provision of affordable housing to poor members of the society especially those living in Dallas and Shauri slums. KENSUP has already been approached and it is expected to support the programme to enable the upgrading of the slums. Similarly the UN HABITAT will be involved in upgrading of slums in Dallas and this is expected to alleviate the housing as well as sanitation problem. This will be a joint effort between the central government and local authorities.

The sub-sector will ensure newly constructed units are registered and strategic houses are safeguarded through issuance of title deeds. The sector will endeavour to ensure effective and efficient estate management in public sector

The current government policy of rural electrification has greatly enhanced the supply of electricity to the rural areas. The main target has been institutions such as schools, and the markets. The next phase should aim to provide household with electricity which highly rely on wood fuel. The provision of electricity in the rural areas is expected to ease pressure on rural urban migration and further spur development through starting of rural enterprises which are currently not possible due to lack of electricity.

Role of the Stakeholders in the Sector

Stakeholder	Role
Public Works and Housing Departments	<ul style="list-style-type: none"> • Management and supervision of maintenance and rehabilitation of Govt Buildings • Management of and supervision of construction of New Govt Buildings in the County. • Facilitate funds for projects; • Submission of Funded New Project Proposals to Public Works Dept. • Provision of goods and services. • To provide funds and employment. • Ownership, Oversight and consumption of the services. • Provision of utility services.
Government Departments	
Suppliers and Contractors	
Investors, Donors and Financiers	
General Public	
Utility Providers(kplc, ewasco, posta, telecommunication services)	

Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
Housing	<ul style="list-style-type: none"> -Refurbishment of government houses. -Increase rent collection. -Improve lease management. 	<ul style="list-style-type: none"> -High cost of construction materials; Lack of comprehensive housing policy; -Inadequate funding -Lack of platform to address obstacles to verification of rent 	<ul style="list-style-type: none"> -Disseminate appropriate building technology. -Enhance rent collection. -Strengthening the lease management policies

Sub-sector	Priorities	Constraints	Strategies
	-Improve housing standard in slum areas. (new proposal)	collection. -Weak policies and gaps in lease management. - Lack of integrated, enabling political and social policies.	-Create enabling environment to encourage investors to venture into housing.
Roads	Increase and sustain funds to meet current and future demand for a sustainable road network	Inadequate funds	-consolidate County roads Funds -actively source additional funds for the road subsector -coordinate development partners financing
	Ensure prudent and optimal utilization of County fund	Late release of road works funds	-Increase coverage of roads under development/maintenance -ensure timely release and reporting on County fund -monitor and evaluate County funded activities -promote sound procurement practices -enhance internal control
	To effectively oversee and coordinate the development, rehabilitation and maintenance of the road network	Lack of planning, monitoring and evaluation tools	-mainstream long term planning for the road subsector in consultation with stakeholders -enhance capacity of the roads sector, contractors and consultants -support the development of policies, standards and specifications -promote road safety within the road sub sector -reduce the level of overloading -promote research and development

Sub-sector	Priorities	Constraints	Strategies
	Strengthen internal capacity of county roads sector to effectively deliver on its mandate	-Lack of supervision tools and equipment eg vehicles -Lack of skills and knowledge on technology changes	-Ensure human resource planning -provide conducive working environment -attract and retain human capital -enhance internal communication -develop and enhance human resource capacity -mainstream all cross cutting issues -institutionalize ICT systems
Information and Communication	-To disseminate information timely.. -To create awareness and environment for the private sector to invest in ICT at grassroots level. -To mobilise ICT service providers and telephone service providers to increase the coverage and infrastructure at the rural areas.	-Lack of adequate funds. -High cost of ICT equipment. -Low awareness on use and capabilities of ICT use. -Low capacities at the resources centres in the rural areas. -Lack of adequate auxiliary infrastructure in the rural areas.	-Invest in training community leaders on need for ICT. -Encourage training of IT at primary and secondary levels. -Training of GOK staff on ICT and its application in the office. -Equipping resource centres at the community level with ICT resources to enable the community have access to IT services.
Energy	-Provision of electricity energy to rural areas;	-High cost of the infrastructure setup -Low investment	-Increase funding for the rural electrification programme -Provide enabling

Sub-sector	Priorities	Constraints	Strategies
	Promotion of other sources of energy - solar	in the sector -High cost of electricity connections;	environment and awareness for investors; -Extend the rural electrification programme to cover the entire County. -Create awareness in renewable energy sources.
Public Works	<ul style="list-style-type: none"> - Management of construction of new buildings and refurbishment of Government Buildings. -Management of construction of new foot bridges in seasonal river crossings and drifts crossings. -Establishment of an office to deal with new appropriate building materials and construction technologies. 	<ul style="list-style-type: none"> - Lack of Project Submission Sheets. - Lack of integrated advance project submission data. - Low staffing across the county. -Inadequate working tools and equipment. - Inadequate transport facilitation. -Low funding. -Acceptance by the stakeholders and approval by the authorities. 	<ul style="list-style-type: none"> -Training by Public Works for stakeholders needed. -Sensitization to all stakeholders on need to submit their forward planning budgets to Public Works Dept. -Optimizing and improving staffing levels. -Increase funding on tools and equipments. -Enhancement of means of transport and funding. - More funding for foot bridges. -Sensitization on the usefulness of the office.

Sub-sector	Priorities	Constraints	Strategies

Projects and Programmes

i) On-going Projects/Programmes

Project Name	Location	Objectives	Targets (km)	Description of Activities
Routine maintenance of roads	Runyenjes	To maintain the road network into a motorable standard	89.53	a) Bush clearing b) Culvert installation c) Grading
	Manyatta		29.16	
	Mbeere North		108.92	
	Mbeere South		90.76	
Spot improvement	Runyenjes	To upgrade into a motorable condition	22.58	a) drainage and drainage structures b) grading and Graveling
	Manyatta		70.5	
	Mbeere North		104.36	
	Mbeere South		42.27	
Embu Air strip	Embu	To enhance the use and security of the airstrip; Rehabilitation of the airstrip	Air strip perimeter	Fencing of the airstrip and maintenance of the runway

i) New Roads Project Proposals/Programmes

Project Name	Location	Objectives	Targets	Description of Activities
Improvement and maintenance of county roads in the county	Runyenjes sub county	Open and maintain both classified and unclassified roads to motorable condition	1000 KM	Bush clearing Grading Spot graveling Culvert installation
	Manyatta sub county		1000 KM	
	Mbeere North sub county		1000 KM	
	Mbeere South sub county		1000 KM	
Tarmacking	Runyenjes sub county	Improvement of the road to	100 KM	Construction of the road to

Project Name	Location	Objectives	Targets	Description of Activities
	County Headquarters	bitumen standard to enhance transport system and improve market accessibility.	50 KM	bituminous standards
	Manyatta sub county		100 KM	
	Mbeere North sub county		100 KM	
	Mbeere South sub county		100 KM	
New Bus parks in the County	County Wide	Improvement of accessibility leading to saved travel time	Embu,Siakago,Kiritiri and Runyenjes	Construction Works
Energy Generation	Runyenjes and Manyatta sub counties	Provision sufficient and affordable power	All sub counties	Identification of sites and construction works
Refurbishment of GoK Residential Houses	Manyatta sub county	Provision for affordable and decent accomodation for civil servants	All sub counties	Renovation works
Housing Infrastructure Development	County wide	Provision for affordable housing	All sub counties	Construction works
Appropriate Bldg Technology(A. B.T.) Centres	All sub counties	Affordable building materials and appropriate building technology	All sub counties	Construction works and installation of equipment
Civil Servants Housing Scheme	Manyatta sub county	Provision for affordable and decent accomodation for civil servants	As many houses as possible	Construction works
Slum Upgrading Programme	Manyatta sub county	Improve the living conditions	1000 persons	Construction works

Project Name	Location	Objectives	Targets	Description of Activities
Street lighting in the county	In all Sub counties	Security	Sub county headquarters	Installation works
ICT Infrastructure in the county	In all Sub counties		In all Sub counties	Installation works
Parking slots	In all sub counties	Ease congestion	In all sub counties	Construction works
Bridge and drifts in the county	Runyenjes	Improvement of accessibility leading to saved travel time	Concrete bridges. footbridges	Construction of standard reinforced concrete bridge and structural steel Footbridges.
	Manyatta		Concrete and footbridges	
	Mbeere North		Concrete and footbridges	
	Mbeere South		Concrete and footbridges	
Tarmacking of Runyenjes town streets	Runyenjes	Improvement of the road to bitumen standard to enhance transport system and improve market accessibility.	1.5KM	Construction of the road to bituminous standards
Opening of Runyenjes central access roads	Runyenjes	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Construction of Thuchi river bridge	Kyeni North	Ensure smooth flow of pedestrians and motor vehicles		Construction of pedestrian path,Expanding the existing lanes
Rehabilitation of Kyeni north	Kyeni North	Open and maintain		Grading, sport gravelling,culvert

Project Name	Location	Objectives	Targets	Description of Activities
access road		roads to motorable conditions		installation
Initial Infrastructure Rukuriri day school	Kyeni North	Access of information and knowlegde		Construction works,Stocking the library,Human resource services
Initial Infrastructure Kiaragana community library	Kyeni North	Access of information and knowlegde		Construction works,Stocking the library, Human resource services
Opening of Kathanje Mianjatiri road	Kithimu	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Makaru road	Muminji	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Ngiiri-Gatothia Kavui rd	Muminji	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Installation Of Culvert Nguthi-Kirie rd	Muminji	Improving road drainage,Mak e the road passable		Grading, sport gravelling,culvert installation
Construction of Nguthi-Matheka rd	Muminji	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
Installation Of Culvert bridge Ireng river	Muminji	Improving road drainage,Make the road passable		Grading, sport gravelling,culvert installation
Grading of Kandomba rd	Muminji	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Kagaari South access rd	Kagaari South	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Ngimari-Kamviu Rd	Ruguru-Ngandori	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Construction of Karuriri-Ndagari brigde	Ruguru-Ngandori	Ensure smooth flow of pedestrians and motor vehicles		Construction of pedestrian path,Expanding the existing lanes
Improvement of Kigari-Gaciari Rd	Ruguru-Ngandori	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Kapingazi-Karururu	Ruguru-Ngandori	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Karururi-Mwara	Ruguru-Ngandori	Open and maintain roads to		Grading, sport gravelling,culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
		motorable conditions		
Kibugua-Kamama-Gikirima rd	Ruguru-Ngandori	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Rehabilitation of Mavuria ward access rds	Mavuria	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Uchumi-shauri Rd	Kirimari	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Uchumi-kiambuthi Rd	Kirimari	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Kenya Power-Bondeni	Kirimari	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Kathangari Rd	Kirimari	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Njukiri Rd	Kirimari	Open and maintain roads to motorable conditions		Grading, sport gravelling,culvert installation
Improvement of Kiambuthi-	Kirimari	Open and		Grading, sport

Project Name	Location	Objectives	Targets	Description of Activities
Ngariama Rd		maintain roads to motorable conditions		gravelling,culvert installation
Installation of high Mast Flood Light-Dallas Estate	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Installation of high Mast Flood Light-Blue Valley Estate	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Installation of high Mast Flood Light-Majengo Estate	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Installation of high Mast Flood Light-Shauri Slums	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Installation of high Mast Flood Light-Kangaru Village	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Installation of high Mast Flood Light-Kathangari Estate	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Installation of high transformer-Kathita slum	Kirimari	Security and lighting	One	Identfying the area of installation,Installation works
Improvement of Gichugu to Kiaragana Location Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
Improvement of Gitongoro Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Kathiakari - Gichugu road	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Makutano-Ikungunguru rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Muthagere Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Kavutiri-Kiethetu to Kabuge Rd and grading	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Gaturumbari-Kianjuki rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Muchagori-Gachengi rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Muchagori-Muva Rd	Gaturi North	Open and maintain roads to	One	Grading, sport gravelling, culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
		motorable conditions		
Improvement of Karumba-Karitiri Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gituri-Kathiiri Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Makengi-Mutira rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gichagi-Makengi Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Kamugere-St Joseph-Kevote Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gatitu-Zoo-Gachichore Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Karue-Maitha Rd	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Ngai to	Gaturi North	Open and	One	Grading, sport

Project Name	Location	Objectives	Targets	Description of Activities
Ndeithia Rd		maintain roads to motorable conditions		gravelling,culvert installation
Murraming and drainage of Kianjokoma catholic-Irangi/Mugui Mbui Njeru Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading and murraming of Kamugere-kirimiri-Mukuuri Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading and murraming of Kasafari-Kiathari-Kanja Hospital Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading and murraming of Kiandogo Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading and drainage of Mwaugo-Kaimaro-Mukuri Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading and murraming of Nderi magigita-Kathuari-Mbogori Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improving and murraming of Karimui-Dari-Kamuigu Rd	Kagaari North	Open and maintain roads to motorable	One	Grading, sport gravelling,culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
		conditions		
Grading of Muthenge luna factory Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Mbui Njeru Nicia-Kithura Naftari Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Ndamuenge-Garika Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Thaa-Duri Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading and murraming of Duri market Ricuijagi Rd	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Kangaara-Kiangondi access Rd	Kithimu	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Njeru Mwea-Gatumu Igumo Rd	Kithimu	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Kithegi-Kiandundu-	Kithimu	Open and maintain	One	Grading, sport gravelling,culvert

Project Name	Location	Objectives	Targets	Description of Activities
Gikingiri Rd		roads to motorable conditions		installation
Improvement of Mutethania-Kyandundu-Gikingiri Rd	Kithimu	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Ishiara-Gwakaithi-Kiamacaki barrier Rd	Evurore	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Kwa Isabella-Muthatara-Muiru Rd	Evurore	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Muthatara-Nthigirana tarmac Rd	Evurore	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Ciathari-Njareng-Kamutu-Kwa mikiria-Sinai-Mbaci Rd	Evurore	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Ishiara Police-Mbaraga Primary-Kanyueri - Tarmac	Evurore	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation
Improvement of Kanyuambora-Ciathia-Kyangi-Kathiga gaceru-	Evurore	Open and maintain roads to motorable conditions	One	Grading, sport gravelling, culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
Karerema Rd				
Construction of Mbaraga and Kanthii drifts	Evurore	Make the road passable and motorable	One	Grading, sport gravelling,culvert installation
Construction of Gitaraka police base report office	Mwea	Improve security	One	Construction works
Construction of Karaba police lines	Mwea	Improve security	One	Construction works
Improvement of Kangethia-Kiandome-Nguviu Rd	Nginda	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Kiungu-Rutune-Gatema njigi R	Nginda	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gatiiguru-Karuari-Ngerwe Rd	Nginda	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Nyanjara(Kwa Gichatha) Rd	Nginda	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Nembure sub location Roads 10 Km and Culverts	Gaturi South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Ena sub location roads	Gaturi South	Open and maintain	One	Grading, sport gravelling,culvert

Project Name	Location	Objectives	Targets	Description of Activities
6 Km and Culverts		roads to motorable conditions		installation
Improvement of Gatunduri sub location roads 5Km and Culverts	Gaturi South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Drainage of flash toilet/Fencing Karingari Market	Gaturi South	Improve public health standards and sanitation	One	Drainage channels, Fencing works
Drainage of flash toilet/Fencing Karurina Market	Gaturi South	Improve public health standards and sanitation	One	Drainage channels, Fencing works
Improvement of Kagumori-Kamavindi-Ngambari – Kithithe-Gisonge Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Thau-Nyagari-Kathanjiri-Kathera-Gakwegori Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Kamwithi-Gacagori-Kiambua-Gaita-Kwa Mbugua Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gaitutu-Kavai-Iriviro-Kasafari Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement	Kyeni South	Open and	One	Grading, sport

Project Name	Location	Objectives	Targets	Description of Activities
of karurumo-Kaveti-Kathunguri Rd		maintain roads to motorable conditions		gravelling,culvert installation
Improvement of Kiboi's Murari Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Ngurukiri-Kirindiri-Kivuria Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gacengeci-Gakuu-Mukuria Rd	Kyeni South	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Fencing and electrification of Karurumo police post	Kyeni South	Improve security	One	Construction works
Rehabilitation of Gatituri Primary school Rd	Mbeti North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Rehabilitation of Gichegere-Karatha-Kathuri wa Mbembe Rd	Mbeti North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Mukuuri-Irari Rd	Mbeti North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Construction	Mbeti North	Enhance	One	Construction

Project Name	Location	Objectives	Targets	Description of Activities
of Ward offices in Kambo,Gatituri and Majimbo		Service delivery		Works
Improvement of Mukunju-John wa Migate Rd	Mbeti North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Land acquisition for Kimandu-Ithara(Kathuru) Road	Mbeti North	Creating a link from one road to the next	One	Purchase of the Land,Grading, sport gravelling
Improvement of Cereals (kwa ndogo)-Kapingazi Rd	Mbeti North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Mugoya-Kimandu road	Mbeti North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Gatondo(Mukuri)Swampy area	Mbeti North	Improving road drainage,Mak e the road passable	One	Grading, sport gravelling,culvert installation
Kangurungu Culvert Installation	Mbeti North	Improving road drainage,Mak e the road passable	One	Grading, sport gravelling,culvert installation
Kimangaru Ithata Junction Culvert installation	Mbeti North	Improving road drainage,Mak e the road passable	One	Grading, sport gravelling,culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
Improvement of Thura-Kariari-Kavari Rd	Nthawa	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Kwa andu a Mbogo-Giiburi Makunguru Rd	Nthawa	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Siakago town- Mathai to Kabachi Rd	Nthawa	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Rukira to Magacha- Kune Rd	Nthawa	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Siakago Town roads	Nthawa	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Ciambuğu to Gatituri Rd	Nthawa	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Purchase of land for police post at Riandu	Nthawa	Security	One	Purchase of land
Improvement of Kitoloni-Mburutani Rd	Makima	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement	Nthawa	Open and	One	Grading, sport

Project Name	Location	Objectives	Targets	Description of Activities
of Mastermind to Mungao Pry sch Rd		maintain roads to motorable conditions		gravelling,culvert installation
Improvement of Kabugua-Kamama-Gikirima road	Ruguru-Ngandori	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Mariari-Mubuthu Rd	Kiambere	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Kiambere to Gacabari Rd	Kiambere	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Mutuobare to village Rd	Kiambere	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improving and murraming of Kiathari-Kanja road	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improving and murraming of Kiamigumo-Kirimiri road	Kagaari North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improving and murraming of Kariari-Kiamigumo road	Kagaari North	Open and maintain roads to motorable	One	Grading, sport gravelling,culvert installation

Project Name	Location	Objectives	Targets	Description of Activities
		conditions		
Construction of Kiathiari-Munyuthe foot bridge	Kagaari North	Facilitate pedestrians crossing	One	Construction works
Purchase of culverts for various river crossings	Kagaari North	Improving road drainage, Make the road passable	One	Grading, sport gravelling, culvert installation
Installation of high Mast Flood Light-gaturi North-Kianjokoma TBC/Gichagi	Gaturi North	Security and lighting	One	Identifying the area of installation, Installation works
Installation of high Mast Flood Light-Muchagori	Gaturi North	Security and lighting	One	Identifying the area of installation, Installation works
Installation of high Mast Flood Light-Kavutiri	Gaturi North	Security and lighting	One	Identifying the area of installation, Installation works
Installation of high Mast Flood Light-Makengi	Gaturi North	Security and lighting	One	Identifying the area of installation, Installation works
Installation of high Mast Flood Light-Kevote	Gaturi North	Security and lighting	One	Identifying the area of installation, Installation works
Installation of high Mast Flood Light-Kavutiri	Gaturi North	Security and lighting	One	Identifying the area of installation, Installation works
Purchase of land of Nduva-Kangaara	Kithimu	Creating a link from one road to the next		Purchase of the Land, Grading, sport gravelling

Project Name	Location	Objectives	Targets	Description of Activities
access rd				
Purchase of Land and improvement of Ndatu-St allamano primary Rd	Kithimu	Creating a link from one road to the next		Purchase of the Land,Grading, sport gravelling
Improvement of Mivukori-Ngungi Access Rd	Kithimu	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Mwundu-Kangaru Access Rd	Kithimu	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Junction-Kitoloni Rd	Makima	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Improvement of Makima to Mwanzo to Mbondoni Rd	Makima	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Installation of high Mast Flood Light-Mutunduri market	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of high Mast Flood Light-Sunrise market	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of high Mast Flood Light-Gerish market	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works

Project Name	Location	Objectives	Targets	Description of Activities
Installation of high Mast Flood Light-Karurina market	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of high Mast Flood Light-Majimbo Slaughter	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of high Mast Flood Light-Kimangaru market	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of high Mast Flood Light-Gatunduri market	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of high Mast Flood Light-Iveche estate	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of Transformer-Gichengeri	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of Transformer-Iveche	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of Transformer-Njumbiri	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Installation of culvert Karurina stage	Mbeti North	Security and lighting	One	Identfying the area of installation,Instal lation works
Roads	Mbeti North	Open and	Various	Grading, sport

Project Name	Location	Objectives	Targets	Description of Activities
improvement		maintain roads to motorable conditions		gravelling,culvert installation
Improvement of Ikurungu to Kavari road	Gaturi North	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Kiambere-Mutuombare Rd	Kiambere	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Grading of Karura-Rutumbi Rd	Kiambere	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Construction of a drift at Gwagakunju-Kiambere Kiritiri Rd	Kiambere	Open and maintain roads to motorable conditions	One	Grading, sport gravelling,culvert installation
Construction of mboce brigde	Kiambere	Ensure smooth flow of pedestrians and motor vehicles	One	Construction of pedestrian path,Expanding the existing lanes
Construction of County office complex and extension of office	Headquarters	Ease service delivery and accomodation	One	Construction works
Construction of Governor's residence	Headquarters	Ease service delivery and accomodation	One	Construction works
Construction of bridges and	County wide	Improving road	Various	Construction of pedestrian

Project Name	Location	Objectives	Targets	Description of Activities
foot bridges		drainage, Make the road passable and connectivity		path, Expanding the existing lanes
Construction of County roads	County wide	Accessibility, transport and movement	Various	Construction of works
Construction of access roads	County wide	Accessibility, transport and movement	Various	Construction of works
Tarmaking of Dallas road	Kirimari	Ease transport and movement	One	Tarmaking works
Tarmaking of Embu main bus park	Kirimari	Ease transport and movement	One	Tarmaking works
Construction of new Embu bus park	Kirimari	Ease transport and movement	One	Construction works
Installation of street lighting/flood mast in Runyenjes market	Runyenjes central	Security and lighting	One	Identifying the area of installation, Installation works
Construction of Embu town parking bays	Headquarters	Ease congestion	One	Construction works
Construction/ Rehabilitation of Town hall	Headquarters	Ease service delivery and accomodation	One	Construction works
Construction of County Assembly office complex	Headquarters	Ease service delivery and accomodation	One	Construction works
County ICT	Headquarters	Ease service delivery	One	Construction works

iii) Flagship projects

Project Name	Location	Objective	Targets (km)	Description of Activities
Wamumu-Gategi-Makima- Kiritiri-Siakago (E628, E627,URA1, E1832,E657,D467)	Runyenjes	Provide connectivity and enhance communication within the county	N/A	Construction of the road to bituminous standards
	Manyatta		N/A	
	Mbeere North		7	
	Mbeere South		126	
Embu- Kibugu-Kiriari-Kianjokoma-Kanja-Runyenjes – Ugweri-Siakago (E632, D459,E638, D467,E654,E652J1)	Runyenges	Provide connectivity and enhance communication within the county	24.5	Construction of the road to bituminous standards
	Manyatta		64	
	Mbeere North		26	
	Mbeere South		N/A	

iv) Stalled projects/ programmes

Project Name	Location	Description of activities	Reasons for stalling
Blue Valley-Ndumari Road	Kirimari	Construction works	Partly Funded
Nairobi Bus Park	Kirimari	Construction works	Lack of funds

Strategies to Mainstream Cross-cutting Issues

The county aims at adopting labour based roads maintenance which will offer employment to the youth. This will address the social evils such as drug abuse; and

unemployment as more youth will be engaged in productive activities and further reduce poverty. Provision of electricity in rural areas will offer employment opportunities through rural based industries especially in value addition. This will increase house hold income and hence reduce poverty incidences in the County. This will in turn address MDG 1 on eradication of extreme poverty and hunger in the County.

Good access roads will ensure access to markets and social amenities such as health and education facilities. The easier access to health facilities will ensure sick persons and especially mothers to access health services all the time. This is in tandem with MDG 4 and MDG 5 on reducing child mortality and improving maternal health respectively

7.3 Lands, Water, Environment and Natural Resources

The sectors comprises of the following sub-sectors; Lands, Water, Environment and Natural Resources.

Sector Vision and Mission

Vision: Sustainable access to adequate water and housing in a clean and secure environment.

Mission: To promote, conserve and protect the environment and improve access to water and housing for sustainable national development.

County Response to Sector Vision and Mission

The Water and Irrigation sub-sector addresses the water supply services and provision of irrigation water for farming. The priority areas will be to ensure access to safe and portable water to the household. Currently major water works are in progress and majority of the household are able to access water. The county has many irrigation schemes which are expected to contribute significantly to food production and hence reliance on the rain fed farming will be minimised.

Runyenjes town water supply does not have treatment works. This should be considered as a high priority since safe drinking water is critical. Devolved funds are playing significant role in the augmentation of the water plants and it's expected that the objective of ensuring every household has access to clean water will be realised

Role of Stakeholders in the Sector

The sector has a wide range of stakeholders with specific roles and responsibilities that are specific to each sub-sector.

Stakeholders	Role
Farmers and Community	<ul style="list-style-type: none"> • Carry out farming activities; • Environmental conservation and management; • Adoption of skills and new technologies.
CSOs (NGOs, CBOs, FBOs, CDE)	<ul style="list-style-type: none"> • Capacity building in participatory development; • Provision of extension services; • Environmental conservation.
GoK, Line Ministries, RDA, KEPHIS, NCPB, KARI, CAIS, KDB, KCC	<ul style="list-style-type: none"> • Creating an enabling environment through an effective regulatory policy framework and formulation of policies; • Formulation of policies e.g. environmental management, agricultural extension, cooperative development, etc.; • Funding of development projects; • Provision of qualified staff and support to operations; • Carry out research and surveys; • Law enforcement in wildlife related issue; • Provide a link to the community through the area chiefs.

Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
Environment and Natural Resources	<ul style="list-style-type: none"> -Promote proper waste management. -Promote cleaner production methods. -Mainstream EIA/EA in development projects. --Improve compliance with standards and environmental regulation. -Increase land forest land cover. Reduce pollution. 	<ul style="list-style-type: none"> -Low capital. -Low levels of awareness. -Political interference. -Limited man power leading to inadequate inspections. 	<ul style="list-style-type: none"> -Establish and support partnerships with relevant stakeholders and the community in management of natural resources. -Protect, conserve, and sustainably manage the environment and natural resources. -Mainstream environmental concerns into implementation of programmes and projects through EIAs and EAs
Water and Irrigation	<ul style="list-style-type: none"> -Provision of safe and clean drinking water to residents. -Improve sanitation in rural areas, markets and municipality. -Increase the sewage coverage in the County. -Provision of adequate irrigation systems to farmers. -Improve income and food production. -Formation of WRUAs to oversee and ensure proper utilisation of the 	<ul style="list-style-type: none"> -Inadequate funds. -High cost of systems. -Poor solid waste management systems. -Limited sanitation systems coverage. -Inadequate community capacity and knowledge of available potential. -Low strategic planning leading to multiple small 	<ul style="list-style-type: none"> -Mobilise more resources and enhance coordination of existing donors (CDF, LATF, CDTF, GOK, and Community). -Expand the treatment works. -Community sensitisation on waste management. -Expansion of sewerage coverage in the municipalities. -Communities' capacity building and exposure to existing potential. -Technical support in irrigation systems set up.

Sub-sector	Priorities	Constraints	Strategies
	resources.	irrigation schemes.	

Projects and Programmes

i) On-going Projects/Programmes

Project Name	Objectives	Targets	Description of Activities
Water			
Kigaa	Provision of safe water & Sanitation	To benefit 1,000 people	laying of gravity main 225 mm diameter PN 10 to cover 5 Km
Kyeni	Provision of safe water & Sanitation	To benefit 1,000 people	laying of UPVC 90mm & 63mm diameter distribution and service lines to cover 10 Km
Ndamunge	Provision of safe water & Sanitation	To benefit 51,000 people	Construction of water storage tanks 225 M ³
Ngagaka	Provision of safe water & Sanitation	To benefit 1,000 people	Construction of 100M ³ sedimentation / chlorination tank
Kithunguthia	Provision of safe water & Sanitation	To benefit 1,000 people	laying of UPVC 110mm , 90mm and 63Mm diameter service lines to cover about 4 Km
Kararitiri	Provision of safe water & Sanitation	To benefit 600 people	laying of gravity main UPVC 160mm diameter PN 10 and 12.5 to cover 10 Km

Project Name	Objectives	Targets	Description of Activities
Runyenjes Township Sewerage Treatment works	Provision of safe water & Sanitation	To benefit 4,000 people	Construction of maturation ponds and fencing of the acquired land
Boreholes / shallow wells	Provision of safe water & Sanitation	To benefit 1,000 people	Rehabilitation of 4 No. bore hole and 6 No. shallow wells
Springs	Provision of safe water & Sanitation	To benefit 800 people	Protection of 3 No. springs
Ngandori- Nginda Water Association	Provision of safe, clean water and sanitation	To benefit 4,000 persons	<ul style="list-style-type: none"> - Purchase of water meters . - Extension and rehabilitation of distribution lines
Kithimu- Kithegi Water Supply	Provision of safe, clean water and sanitation	To benefit 3,000 persons	<ul style="list-style-type: none"> - Extension and rehabilitation of distribution network
Embu Sewerage Works	Upgrade sewerage network	To benefit 2,000 persons	<ul style="list-style-type: none"> - Laying of sewer pipes
Embu Water & Sanitation Company (EWASCO)	Provision of safe ,clean water & sanitation	To benefit 20,000 persons	<ul style="list-style-type: none"> - Extension and rehabilitation of distribution network - Purchase of water meters
Itabua – Muthatari Water Supply	Provision of safe, clean water & sanitation	To benefit 6,000 persons	<ul style="list-style-type: none"> - Rehabilitation of distribution network

Project Name	Objectives	Targets	Description of Activities
Karimari/Rutune water project	Access to safe water and sanitation	Population 8,000 people Area coverage 11 Sq Km	<ul style="list-style-type: none"> - Laying 315 mm UPVC pipe for 1 Km (upgrading). - Construct 225M³ storage tank at Rutune. - Install water meters in project area (No.1600).
Ngandori Nginda Water Consumers Association	Access to safe water and sanitation	Population 83,00 people Area coverage 120 Sq Km	<ul style="list-style-type: none"> - Laying 400 mm UPVC diameter pipe from intake to treatment works for 1.5 Km (upgrading). - Laying 315 mm UPVC from Karuriri to Kirigi for a distance of 1.5 Kms for extension. - Laying 110mm UPVC diameter pipes form Manyatta to Makengi for 3 Kms for extension. - Laying 110mm UPVC pipes from Karuriri to Gaikiro for a distance of 3 Kms. - Construct a sedimentation tank at Muthigi treatments works.

Project Name	Objectives	Targets	Description of Activities
			- Install water meters to 2,400 connections.
Kararitiri joint Water project	Access to safe water and sanitation	Population 6,000 people Area coverage 10 Sq Km	- Upgrade the water system from 160mm to 135 mm UPVC for 8 Kms. - Laying 5 No 315 mm galvanized pipes for a distance of 30 meters. - Construct a storage tank at Kithunguriri of 100 M ³ - Install 1,200 water meters.
Ngagaka Water and Sanitation Company	Access to safe water and sanitation	Population 8,000 people Area coverage 16 Sq Km	- Upgrade the water system from 110mm diameter pipe to 160mm for a distance of 3 Kms - Construct a storage tank of 100 M ³ at Kiriari market. - Construct a storage tank of 100 M ³ at Makengi market
Muchonoke – Kanothi	Provision of safe water and sanitation	40,000 households	Laying of gravity main 200mm diameter PN 16 to cover 11.5 Km
Makima water project	Provision of safe water and	2,000 households	Installation of 2 No UPVC 10M ³ tanks

Project Name	Objectives	Targets	Description of Activities
	sanitation		for water kiosk establishment
Gachoka / Gachuriri	Provision of safe water and sanitation	1,000 households	Laying of lateral line 90mm PN 16 to cover 2.4 Km to be connected to the JICA project
Makutano village B/H	Provision of safe water and sanitation	1,500 households	Installation of submersible pump and connection to the grid system for power supply
Karuriri dam	Provision of water access	2,000 households	De-silting the dam to provide storage and ease of access
Kiambi pipeline	Provision of safe water and sanitation	1,000 households	Laying of lateral line 50mm PN 16 to cover 3 Km
Riandu-Ciambu-gu-Kathitu-Mwundu	Access to safe water and sanitation	Population 4,000 people Area coverage 26 Sq Km	<ul style="list-style-type: none"> - Laying 90-63 mm diameter UPVC pipe for 6.5 Km (rehabilitation). - Construct 2No 50M³ & 1No storage tank at Kathitu, Kwa Mbiro & Ciambu-gu
Ndaiyu Water project Consumers Association	Access to reliable safe water and sanitation facilities	Population 1,500 people Area coverage 15 Sq Km	<ul style="list-style-type: none"> - Laying 63 mm diameter uPVC diameter 1.5Km secondary distribution lateral mains (upgrading).
Kageere Water project	Access to safe	Population	- Rehabilitation of

Project Name	Objectives	Targets	Description of Activities
	water and improved sanitation	2,000 people Area coverage 6 Sq Km	existing distribution mains. 63mm uPVC and GI 1.5 KM
Improvement of Siakago Town ship water supply	Access to reliable safe water and sanitation facilities	Population 10,000 people Area coverage 10 Sq Km	<ul style="list-style-type: none"> - Augmentation the water reticulation system from Riandu main reservoir diameter pipe to 280mm diameter uPVC 0.3Km & 63mm diameter uPVC for a distance of 15 Kms - Construct a storage tank of 150& 225 M³ storage tanks at Riandu & Siakago market respectively. - Construct a storage tank of 2No water kiosk at Mlachake & Kamugu (Undu ti umwe) market centres
Muthatari- Muchonoke-Kathanje (Muminji)	Access to reliable safe water and sanitation facilities	-Population 10,000 people -Area 10 Sq Km	- Completion of 315mm diameter Kiamuringa-Muchonoke 8 Km pipeline
Completion of Embu, Kithimu, Gachoka and Siakago water	To provide safe water for consumption	Population 150,000 people	<ul style="list-style-type: none"> - Laying of pipes (GI and UPVC's) - Construction of

Project Name	Objectives	Targets	Description of Activities
project	and sanitation	Area 1000sq Km	break pressure tanks(BPT's)
Mbeti water project	Access to safe water and improved sanitation	Population 5,000 people Area 15sq Km	- Laying of pipes
Karimari-Kevote- Kamavindi-Mbuvori and Kavari water project	Access to safe water and improved sanitation	Population 2,000 people Area 10sq Km	- Laying of pipes
Muvandori-Mukonoku- Mutuandu-Kyeni water project	Access to safe water and improved sanitation	Population 4,000 people Area 7sq Km	- Laying of pipes
Provision of water pipes for Gicangai-Kiangucu- Ngerwe water project	Access to safe water and improved sanitation	Population 5,000 people Area 15sq Km	- Laying of pipes -Construction of break pressure tanks(BPT's)
Completion of Karurumo water project	Provision of safe clean water and sanitation	Population 2,000 people Area 15sq Km	- Laying of pipes
Completion of Ndaiyo water project	Provision of safe clean water and sanitation	Population 5,000 people Area 12sq Km	- Laying of pipes
Completion of Gikuyari- Kamugu water project	Provision of safe clean water and sanitation	Population 1,500 people Area 10 sq Km	- Laying of pipes
Drilling of boreholes at Ntharawe	Provision for drinking water	Population 2,000 people	- Laying of pipes - Installation of storage tanks

Project Name	Objectives	Targets	Description of Activities
		Area 5 sq Km	
Construction of Kithecu borehole	Provision for drinking water	Population 1,500 people Area 6 sq Km	- Laying of pipes -Installation of storage tanks
Construction of Ndune borehole	Provision for drinking water	Population 1,000 people Area 5 sq Km	- Laying of pipes -Installation of storage tanks
Refurbishment of Gacabari borehole	Provision for drinking water	Population 2,000 people Area 7 sq Km	- Laying of pipes -Installation of storage tanks
Refurbishment of Kiambere health centre borehole	Provision for drinking water	Population 1,000 people Area 5 sq Km	- Laying of pipes -Installation of storage tanks
Refurbishment of Karura borehole	Provision for drinking water	Population 1,200 people Area 4 sq Km	- Laying of pipes -Installation of storage tanks
Refurbishment of Ndithiri borehole	Provision for drinking water	Population 1,000 people Area 3 sq Km	- Laying of pipes -Installation of storage tanks
Rehabilitation of Ciambingo and Kavaari water harvesting plant	Provision for drinking water	Population 5,000 people Area 15sq Km	- Laying of pipes
Mineral Resources			
Mineral exploration and assessment in the county	-Documentation of county mineral resources - Increase investment opportunities; -Job creation	Information on Revenue Source -Increase investment opportunities in the county - Job creation	-Soil and Rock sampling -Sample analysis -Report writing -Mineral map drawing -Magnetometer survey

Project Name	Objectives	Targets	Description of Activities
	- Increase revenue collection Geological Reconnaissance's survey of the Mineral Occurrences in the county		-Sounding survey -Drill-hole sitting - Drilling for confirmation & quantification of the mineral deposit. Inventory and GPS location mapping for the areas that require detailed geological survey and mineral exploration
Mining & quarrying status in the county	Inventory of current legal and illegal operators in mining & quarrying sector in the county	-Information on Revenue Source - Regularization of operations	-GPS location mapping of operational sites/areas and the scale of operation - inventory of abandoned mines and quarries

ii) New project proposals

Project Name	Rank	Objectives	Targets	Description of Activities
Water				
Construction of domestic water schemes		Provision of safe water and sanitation	41,000 people	Construction of gravity and distribution mains; Construction of clear water main tanks; Augmentation/rehabilitation
Construction of earth dams in the County		To provide water for domestic use and irrigation	Forty(40) earth dams	Feasibility study; Design; Construction works.
New Sewerage Plant		Provision of	One	Feasibility study;

Project Name	Rank	Objectives	Targets	Description of Activities
		sanitation facilities		Design; Construction works.
Establishment of irrigation schemes	1			

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
LAND				
County spatial plans	1	Provide an overall spatial framework for the county to guide development	1 Spatial plan prepared	Data collection; Mapping spatial areas; Data analysis; Compilation and preparation of plan
Preparation of plans & survey for Town/Urban centres/Markets	1	To guide urban development	20 plans	Prioritization of urban centres; Data collection; Mapping spatial areas; Data analysis; Compilation and preparation of plan
Purchase of tools and equipment such as GIS software, Total stations and GPS	1	To provide an efficient working environment for mapping purposes	1 GIS workstations;	Procurement of GIS workstation;
Completion of adjudication process	1	To ensure security of land tenure	10,000 titles issued	Registration of existing rights; Preparation of demarcation maps; Survey; Issuance of title deeds.
Planning and surveying of flagship projects	1	To secure land meant	20 flagship projects;	Identification of land parcels;

Project Name Location/Division/ Constituency	Priority ranking	Objectives	Targets	Description of activities
		for projects;		Preparation of plans; Survey & registration of land parcels
Land dispute resolution	1	Improve security on land tenure	Reconstruct 1000 RIMs/PIDs	Reconstruction of worn-out and missing records;
Construction of land offices (Embu/ Mbeere offices)	1	To improve the working environment; To improve service delivery	Construct 2 offices	Construction works;
Digitization /automation of land records Embu and Siakago land offices	1	To improve efficiency in land management.	Automate land records in 2 stations	Reconstruction of land records; Scanning & uploading land records.
Purchase of cemetery land		To decongest the existing cemetery		
Purchase of waste disposal land		To enhance waste collection		

Project Name	Rank	Objectives	Targets
ENVIRONMENT			
Prepare Environment Management Plans for sand harvesting, quarrying and other mining activities.	1	Promote sustainable management and utilization of the natural resources	Prepare environment management plans for 2 sand harvesting societies; 2 quarrying societies and 1 mining society per year.
Procurement of 10 refuse trucks			
Construction of 60 refuse chambers			

iii) Flagship project

Project name	Location	Objective	Target	Description
Kamumu dam	Miringari, Karurumo & Kanyuambora	Access to irrigation and domestic water	60,000 population 80 sq Km 2 500 ha	Construction of 9 Billion CM concrete dam and laying of 80 Km gravity mains

iv) Stalled projects/programmes

Projects name	Location	Description of activities	Reasons for stalling
Mirundi Karurumo water project	Gaturi south	Enhancement to access of safe and clean water	-Lack of funding
Kianamu	Mbeere north - Siakago	To supply safe drinking water	Uncompleted 100CM masonry storage tanks and 6KM 90-63mm diameter UPVC pipes.
Kathanje springs protection	Mbeere north - Siakago	To supply safe drinking water	Drought mitigation funded project

Strategies to Mainstream Cross-cutting Issues

Environmental degradation will be mainstreamed through appropriate farming methods and management of farms. This will be done through capacity transfer and trainings aimed at sustainable farming methods, agro farming and livestock management. Mining sites, sand harvesting and quarries management techniques will be enhanced to ensure that abandoned land is rehabilitated and trees are planted. Land owners in the county are being advised to put up at least 10% of land acreage under tree cover to reverse the rate of deforestation thus enabling the achievement of MDG 7 on environmental sustainability.

To mainstream cross-cutting issues, the sector will ensure that there is access to safe drinking water at reasonable distance. In addition, sanitation facilities like sewerage will be extended to cover residential areas outside the main town so as to ensure a clean environment. This will accelerate the attainment of MDG 6 which seeks to combat malaria and other diseases such as waterborne diseases. Boreholes will be sunk while springs along the hills will be protected. The management of water projects will also be handed over to the communities.

7.5 Health

The main aim of the Health sector is to create an enabling environment for the provision of sustainable quality health care that is affordable and accessible to the residents. The sector comprises of Medical Services and Public Health sub-Sector.

Sector Vision and Mission

Vision: Is ideally to achieve the state of a leading county in provision of quality health care services that is accessible, equitable, affordable and sustainable for the residents of Embu County.

Mission: To promote and provide quality health care services to the people of Embu County.

County Response to the Sector Vision and Mission

To fulfil the vision and mission, the sector at the county level has adhered to the Ministry of Health policy by providing subsidized services, which are affordable to the community. There exists a waiver/exemption system for those who cannot afford minimized user fees and these costs require reimbursements by the County government through special budget allocation to be able to sustain quality health care.

To improve access and utilization of health services, the county will open more dispensaries and health centres as a way of rolling out more services to the community. Upgrading of existing facilities to offer expanded services is proposed in the sector plan to meet health care services for the Embu County needs. Collaborating with other partners to offer more and affordable health services will be promoted and supported during the period.

Role of Stakeholders in the Sector

Stakeholder	Role
Government Departments	<ul style="list-style-type: none"> • Provision of essential health services in line with MOH policy framework. • Monitoring and Evaluation of projects and programs; • Availing of water resources to facilities and enhancement of sanitation • Maintenance of roads to enhance accessibility to facilities
Development Partners	<ul style="list-style-type: none"> • Establishment of facilities in areas where health services are rare; • Support of services offered in health facilities; • Financial assistance.
Non-Governmental Organisation	<ul style="list-style-type: none"> • Partnership and financial assistance in implementation of health service programs. • Social education and mobilization on the use of health services;
Faith-Based Organisation, Community Based Organisation	<ul style="list-style-type: none"> • Supplement provision of essential health services in the County (25% of services).

Sub-sector Priorities, Constraints and Strategies

Sub-Sector	Priorities	Constraints	Strategies
Health	Continue enhancing the promotion and provision of quality health services all over the County health facilities.	<ul style="list-style-type: none"> -Inadequate funding from the government. -Poor planning of towns and other urban centres. -Poor maintenance of completed projects. -High poverty levels which limit community contribution and 	<ul style="list-style-type: none"> -Close liaison with relevant departments to ensure proper planning of urban centres. -Involve local community to enhance their participation in development. -Involve the local community in Organization & Management of the rural health centres.

Sub-Sector	Priorities	Constraints	Strategies
		<ul style="list-style-type: none"> participation. -Staff shortage due to natural attrition. -Poorly equipped hospitals both Embu Referral and the other county health facilities -Skewed distribution of level 4 hospitals 	<ul style="list-style-type: none"> -Initiate community based projects that will control and prevent communicable diseases. -Health Facility Assessment and intervention. -Provide health facilities with essential equipment -Upgrade health centres to level 4 hospitals in Manyatta and Mbeere South
	Malaria prevention and treatment	<ul style="list-style-type: none"> -Inadequate community mobilization; -Inadequate malaria mapping in the County. -Inadequate trained community resource persons; Drug resistant strains; High poverty levels. 	<ul style="list-style-type: none"> -Improve case management at all facilities, -Conduct malaria studies in the prevalent sub-counties -Promote use of treated bed nets; Increase availability of drugs to the community.
	HIV and AIDS, and TB prevention and management	<ul style="list-style-type: none"> -Stigma attached to the diseases; -Few trained counsellors; -Lack of accurate data; 	<ul style="list-style-type: none"> -Social mobilization to promote behaviour change; -Build capacity for health providers and counsellors;
	Control of communicable diseases	<ul style="list-style-type: none"> -Poor sanitation and hygiene -Water supply problems at the community level -Ignorance and lack 	<ul style="list-style-type: none"> -Promotion of environmental health activities; -Lobby water supply initiatives Community mobilization

Sub-Sector	Priorities	Constraints	Strategies
		of health promotion	
	Reproductive health	-Few trained personnel; -Shortage of health workers in the rural health facilities. -Poorly equipped facilities; -Weak referral, reporting and supervisory systems. Unsafe home deliveries.	-Build capacity of the health staff; -Recruitment of additional staff Purchase basic equipment and supplies. -Opening and construction of new facilities.
	Health management systems	Lack of equipment and proper information systems. Lack of skilled staff	Procure equipment; Train staff on health data management systems.
	Human resource development	Lack of skills; Inefficiency among the staff.	Training of the staff.
	Drugs and other medical supplies	-Lack of drugs; -Inadequate budget for drugs and supplies -Erratic supply of drugs.	-Rationalize drug distribution; Strengthen supervision mechanisms. -Allocate more funds
	Infrastructure completion and upgrading	-Dilapidated infrastructure; -Lack of maintenance.	-Increase funding for maintenance. -Promote partnership with devolved structures. -Upgrade health selected facilities to hospitals and health centres

Projects and Programmes

i) On-going Projects/Programmes

Project Name Location/Division/ Constituency	Objectives	Targets	Description of Activities
TB program	To reduce TB incidence	Decrease TB identification rate; Treatment success rates	Active case search & management
Malaria	To reduce Malaria incidence	Increase LLITN distribution to vulnerable populations. Improve case management	LLITN distribution Case management
HIV/AIDS program	To reduce HIV/AIDS incidence	Increase testing and counselling Provision of ARVs Case management	HTC Treatment PMTCT Case management HBC
Automation of facility system	Effective & Efficient service provision	To automate 25 service provision points	Procure, install and commission IT equipment in all the health facilities
Equip theatre, Siakago District hospital	Effective & Efficient service provision	A complete functional theatre unit 1 OPD roof replaced Provide 80 beds and linen	-Complete construction Equip theatre; Train anaesthetist. -Replace old leaking asbestors roof with iron sheets
Replacement of roofing	Effective &		Roofing works

Project Name Location/Division/ Constituency	Objectives	Targets	Description of Activities
material at Kianjokoma Sub district Hospital Provision of additional beds and linen in Ishiara and Siakago hospitals	Efficient service provision		Equipping with beds and linen
Complete construction of the following 11 dispensaries: Rukuriri in Runyenjes; Karurina, Kevote, Kiriari and Gitonguri ; Kamugu and Kienire in Mbeere North; and Kangugi, Mulukusi and Gikiiro in Mbeere South) Completion of Mufu dispensary maternity wing	Effective & Efficient service provision		Construction of dispensaries Completion of maternity wing

ii) New Project Proposals

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
Procurement of 20 ambulances	Improve patient referrals	Acquire 20 ambulances	-Purchase of ambulances
Equipping health facilities	Improve on health care systems	Equip 85 health facilities	Purchase of equipment
Procurement of utility vehicles	Improve service delivery	7 utility vehicles	Procure utility vehicles; Purchase vehicles.

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
Construction of incinerators	Prevent infection control and safe waste disposal	5 Incinerators	Construct incinerators
Construction of theatres	Enhance surgical capacity in the county	3 Theatres	Construct Theatres
Construction of mortuaries	Enhance proper body storage facilities	3 Mortuaries	Construct mortuaries
Jigger eradication Programme	Proper hygiene	County wide	Eradication of jiggers
Construction of wards and maternities	Improve maternal and neonatal care	15 health facilities	Construct wards and maternities
Upgrading of health centres to hospitals	Provide comprehensive health care services	Upgrade 10 health centres	Upgrade the following facilities : <i>Kithimu, Kairuri, *Kibugu, Karau, Kathanje, Kiritiri, Gategi, Kiambere, Kigumo, and Karurumo</i>
Upgrading of dispensaries to health centres	Provide improved health care services	Upgrade 20 dispensaries	Upgrade the following facilities: Dallas, Makengi, Kathangari, Gatunduri, Kathangariri, Makima, Rwika, Nganduri, Wachoro, Karaba, Kiambere Dam, Kirie, Riandu, Kamumu, Kanyuambora, Mufu, Kathanjuri, Gatumbi, Gitare and Ugweri

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
Construct and operationalise facilities in underserved areas to offer services as county dispensaries	Ntharawe, Ngecha, Gikuru and Rugugwe	Construct and operationalise 4 dispensaries	Construction and operationalisation of dispensaries
Construction of modern toilets at Runyenjes	To improve health and sanitation	Two	Construction works
Construction of Gikiiro dispensary toilet	To improve public health and sanitation	One	Construction works
Construction of toilets and refuse receptacle at Mutunduri Market	To improve public health, sanitation and hygiene	One	Construction works
Construction of toilets Mulukusi dispensary	To improve public health and sanitation	Two	Construction works
Construction of maternity wing at Dallas	To reduce maternal deaths and infant mortality	One	Construction works
Construction of maternity wing at Kathangari	To reduce maternal deaths and infant mortality	One	Construction works
Construction of maternity ward at Kiamuringa dispensary	To reduce maternal deaths and infant mortality	One	Construction works
Construction of dispensary at Mutuobare	To increase access to health care services	One	Construction works
Construction of Mbita dispensary maternity ward	To reduce maternal deaths and infant mortality	One	Construction works
Construction of Wakaria dispensary	To increase access to health care services	One	Construction works
Construction of Kasioni dispensary	To increase access to health care services	One	Construction works

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
Construction of Gikondi dispensary	To increase access to health care services	One	Construction works
Construction of Rogogwe dispensary	To increase access to health care services	One	Construction works
Construction female ward at Makima dispensary	To improve Maternal health	One	Construction works
Construction male ward at Makima dispensary	To improve Paternal health	One	Construction works
Construction of fence at Makima dispensary	To enhance security	One	Construction works
Construction of fence at Mulukusi dispensary	To enhance security	One	Construction works
Construction of Gikuru dispensary	To increase access to health care services	One	Construction works
Construction of karurina dispensary	To increase access to health care services	One	Construction works
Construction of staff houses at Kangungi dispensary	To improve living conditions for staff	Two	Construction works
Construction of staff houses at Makutano dispensary	To improve living conditions for staff	One	Construction works
Construction of nurse staff house Gitaraka dispensary	To improve living conditions for staff	One	Construction works
Construction of nurse staff house Malikini dispensary	To improve living conditions for staff	One	Construction works
Construction of Kimangaru dispensary	To increase access to health care services	One	Construction works

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
Construction and equipping of laboratory at Muchonoke dispensary	To give proper diagnosis for right treatment	One	Construction works Equipping
Construction of incinerator at Mukuuri dispensary	To enhance infection prevention and control	One	Construction works
Construction of a waiting bay at kanja dispensary	Ease service delivery	One	Construction works
Construction of staff quarters at Mulukusi dispensary	To improve living conditions for staff	One	Construction works
Construction of maternity wing at Makima	To reduce maternal deaths and infant mortality	One	Construction works
Construction of staff quarters at Mariari dispensary	To improve living conditions for staff	One	Construction works
Completion of Rukuriri dispensary	To increase access to health care services	One	Construction works
Completion of Gatirari dispensary	To increase access to health care services	One	Construction works
Completion of Kanyangi dispensary	To increase access to health care services	One	Construction works
Completion of Munthantara dispensary	To increase access to health care services	One	Construction works
Completion of Kyeniri dispensary	To increase access to health care services	One	Construction works
Completion of Kiogogo dispensary	To increase access to health care	One	Construction works

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
	services		
Completion of Kogari dispensary	To increase access to health care services	One	Construction works
Completion of Itonguri dispensary	To increase access to health care services	One	Construction works
Completion of Kevote dispensary	To increase access to health care services	One	Construction works
Completion of Kiangungi dispensary	To increase access to health care services	One	Construction works
Completion of maternity ward at Nganduri dispensary	To reduce maternal deaths and infant mortality	One	Construction works
Completion of Kamugu dispensary	To increase access to health care services	One	Construction works
Completion of Kamunyange dispensary	To increase access to health care services	One	Construction works
Completion of Karaba mortuary	To improve preservation of bodies	One	Construction works
Completion of Kathanje health facility	To increase access to health care services	One	Construction works
Purchase of land for Kang'ethia dispensary	To increase access to health care services	One	Purchase of land
Purchase of land for Karimari dispensary	To increase access to health care services	One	Purchase of land
Purchase of water tanks for dispensaries	Ease for service delivery	three	Purchase of water tanks
Kiriari dispensary	Ease service	One	Equip laboratory

Project Name Location/Division/ Constituency	Objectives	Targets	Description of activities
laboratory equipment project	delivery		
Nembure health centre equipping of kitchen	Ease service delivery	One	Equip kitchen
Installation of laboratory water tank at Mugui dispensary	Ease service delivery	One	Installing water tank
Electrification of Gachuriri dispensary	Lighting and security	One	Electrification works
Construction of Mbondoni dispensary	To increase access to health care services	One	Construction Works
Construction of Muchagori dispensary	To increase access to health care services	One	Construction Works
Construction of Kathanjuri Maternity ward	To increase access to health care services	One	Construction Works
Equipping dispensaries	To increase access to health care services	Various	Equipping
Gabbage collection receptacles	To improve public health,sanitation and hygiene	Various	Construction works
Acquisition & fencing of dumpsite land	To improve public health,sanitation and hygiene	One	Purchase and fencing works
Construction of Buildings	To increase access to health care services	Various	Construction works
Purchase of CT Scan	To increase access to health care services	One	Purchasing of equipment
Purchase of Renal Unit	To increase access to health care services	One	Purchasing of equipment
Purchase of Oxygen Plant	To increase access to health care services	One	Purchasing of equipment

iii) Flagship Projects

Project Name	Location	Objectives	Targets	Description of activities
Community Health Strategy	County wide	Health service delivery at household level	76 community units	-Establish community units -Train workforce -Equip community units
Upgrading/Refurbishment and equipping of Embu Level 5	Manyatta sub county	To improve specialized health services	1	-Theatre construction -Renal Dialysis unit and Water Plant installation CTSCANNER Oxygen concentrator ICU construction, MRI

iv) Stalled Projects

Project Name	Location	Description of activities	Reasons for stalling
Badea project	Embu level	Construction of Teaching and referral Hospital (Level 6)	Prolonged implementation period
Runyenjes female ward	Runyenjes District	Construction	Lack of funds

Project Name	Location	Description of activities	Reasons for stalling
	hospital		
Kathanje MHC		Construction	Lack of funds
Embu Public health block	Embu town	Office block for Ministry of health	Lack of funds

Embu Provincial General Hospital has a stalled construction project that was meant to modernize and expand it at a cost of 600Million KSHS, only 10% was done.

Runyenjes District Hospital has a stalled ward that was under construction and not completed (87% complete). Kathanje MHC under ESP 80% complete.

The county has twelve rural facilities (dispensaries) spread across the county, whose construction is either incomplete on in some cases stalled. A significant number of these projects were initiated under the Constituency Development Fund. These facilities are Rukuriri & Nduuri in Runyenjes; Karurina, Kevote, Kiriari and Gitonguri in Manyatta; Kathanje, Kamugu and Kienire in Mbeere North; and Kangugi, Mulukusi and Gikiiro in Mbeere South.

Strategies to Mainstream Cross-cutting Issues

The County will strive to improve access, quality and affordability of health services for all. Provision of maternity services will reduce mortality rate among mothers and children. Reduction of the distance travelled to access the health services will also be addressed to ensure accessibility to health facilities.

The reduction of HIV/AIDS prevalence remains a priority issue in the County. The current prevalence rate of 4.1 per cent needs to be reduced further if the war against the pandemic has to be won. The county targets reduction of the pandemic to 3.6 per cent by the year 2015. This will require concerted effort from all players to fight the pandemic. The county will apply multi-sectoral approaches to ensure that the gains are sustained through partnering with stakeholders and the community. Further, this will enhance the ARVs programme and supplements to the infected.

The sector through various programmes and assistance from stakeholders will sensitise the community on the dangers of drug abuse especially *miraa* which is locally produced. The sector engages other stakeholders such as the FBOs to advocate against drug abuse especially among the youth.

The “*Malezi Bora*” Strategy continues to provide a comprehensive package of services that includes child immunization, Vitamin A supplementation, de-worming of under-fives and pregnant women, treatment of childhood illnesses, HIV Counseling & Testing, ITNs use in Malaria prevention and improved ANC and FP Services. This initiative will thus accelerate the achievement of MDG 4 on reducing child mortality rates and MDG 5 on improving maternal health.

7.6 Education, Science and Technology and ICT

This sector is mandated to provide, coordinate and promote the development of human resources through education and training. The sector comprises of the following sub-sectors; Education, Science and Technology and ICT.

Sector Vision and Mission

Vision: A globally competitive education training, research and innovation for sustainable development.

Mission: To provide, promote and coordinate quality education and training, integration of science, technology and innovation in sustainable socio-economic development process.

County Response to Sector Vision and Mission

The performance of the education sector has improved significantly in the recent past. All the sub sectors of education and training recorded increased enrolments and improvements in completion and transition rates.

The county will therefore endeavour to enhance the consultative participation and mobilization of stakeholders with an overall aim of improving efficiency in investments and delivery of services. The target is to achieve access, retention, equity and relevance in quality education and realize improved transition rates at both the primary, secondary and post-secondary levels.

The Free Secondary Education (FSE) tuition and CDF bursary schemes among other key programmes in the county will boost the transition and retention rates at the secondary level. In addition, the CDF bursary will help increase access to tertiary education in the county. The county has three functional rural polytechnics and enrolment in technical areas is expected to increase owing to the need for skills that are becoming increasingly sought after.

The need to increase the capacity of the primary and day secondary schools is very important especially due to the FPE and the FSE schemes. In response to the need for more additional facilities for primary and secondary school, the county will mobilize all the stakeholders to ensure that progress is made. Physical facilities especially classrooms, laboratories and the secondary school halls are expected to be on the rise owing to the importance attached to the sector by key players especially CDF. Other financiers for the facilities are DOE, CDTF, ALRMP and NGOs.

The County will therefore aim to boost the literacy levels especially for the rural female to ensure equity. The youth will be equipped with the necessary knowledge, skills and attitudes through science and technology training to meet challenges of industrialisation and globalisation and sustainable development. The goals in the sector will be geared towards achieving the national policy aspirations as stipulated in the Vision 2030

Role of Stakeholders in the Sector

Stakeholder	Role
Ministry of Health	<ul style="list-style-type: none"> • Immunization, deworming of the children • Sanitary and food safety, nutrition • Maternal and child health care.
Ministry of Education (National)	<ul style="list-style-type: none"> • Provide policy guidelines on ECDE and support implementation • Development of ECDE curriculum • Asses children with special needs
Ministry of Interior and National Coordination	<ul style="list-style-type: none"> • Promote protection and care of children • Create awareness on child rites • Issuance of birth certificates to children
Ministry of Water, Environment and Natural Resources	<ul style="list-style-type: none"> • To provide safe and clean water for the children
Ministry of Devolution and Planning and Ministry of Finance	<ul style="list-style-type: none"> • It ensures sufficient budget allocations • It facilitates mobilization of local and international resources to support ECDE.
Ministry of Transport and Infrastructure	<ul style="list-style-type: none"> • It provides construction plans and supervises construction of buildings on ECDE centres. • It designs appropriate and affordable equipment's for ECDE.
Ministry of Agriculture	<ul style="list-style-type: none"> • It ensures food security for the children
Parents and Communities	<ul style="list-style-type: none"> • They provide primary care, health and nutrition

Stakeholder	Role
	<p>to children.</p> <ul style="list-style-type: none"> • Provides early stimulation for learning • Provides physical facilities, safety and manage ECDE centres
CDF	<ul style="list-style-type: none"> • Fund construction of physical facilities • Support education programs
NGOs, FBOS, CBOs and Private Sector	<ul style="list-style-type: none"> • They offer advocacy on children issues • They complement government efforts by opening ECDE centres • They provide technical support and capacity building
Teachers Unions	<ul style="list-style-type: none"> • They support provision of ECDE education
Universities and Research Institutions	<ul style="list-style-type: none"> • They undertake research on children emerging issues • They train ECDE personnel
County Government (Education, Science and Technology and ICT)	<ul style="list-style-type: none"> • To formulate and develop policies to guide on ICT provision.
Ministry of Information Communication and Technology (National Government)	<ul style="list-style-type: none"> • To set the national ICT master plan to be used in all public entities in Kenya.
ICT Authority	<ul style="list-style-type: none"> • To cascade ICT projects to the counties.
County Government (Finance)	<ul style="list-style-type: none"> • To allocate funds for the provision of hardware, software and ICT services.
Telkom Kenya	<ul style="list-style-type: none"> • Provides internet and telecommunication services.
Digital consulting group.	<ul style="list-style-type: none"> • Website and email facilities for the county.

Sub-sector Priorities, Constraints and Strategies

Sub-Sector	Priorities	Constraints	Strategies
Education	<p>-Continue enhancing and improving the quality and relevance of education;</p> <p>-Expand access and</p>	<p>-Shortage of physical facilities in schools particularly laboratories and workshops;</p>	<p>-Provision of physical facilities through cost sharing and local resources</p>

Sub-Sector	Priorities	Constraints	Strategies
	<p>retention in education at the primary and secondary levels;</p> <p>-Give greater consideration to cases of disadvantaged and children with disabilities by improving their access to education;</p> <p>-Strengthen the teaching of science, mathematics and other practical subjects;</p> <p>-Strengthen the education sub-sector management.</p> <p>-Training of teachers in maths and science subjects.</p> <p>-</p> <p>Development/starting of new secondary schools.</p> <p>-Community involvement and mobilization in education (school based programmes)</p> <p>-Disbursement of augmentation (C.S.G funds.</p> <p>-Parent mobilization.</p> <p>-Capacity building-training (in-service) of teachers.</p>	<p>-Rising dropout rates;</p> <p>-Poor payment of school levies due to rising poverty levels;</p> <p>-Increasing cases of HIV and AIDS among teachers.</p> <p>-Poor performance in mathematics and science in National examinations.</p> <p>-Unsatisfactory enrolment and student retention in secondary education.</p> <p>-Student/pupils vulnerability to socio-economic vices (drug abuse among others)</p> <p>-Low level of instructional/learning facilities in Early Childhood Development Education.</p> <p>-Low parental involvement in ECDE as a result of introduction of FPE.</p> <p>-Low professional level (training) of ECD teachers in the County as well as resources development.</p>	<p>mobilization;</p> <p>-Fair distribution of available teaching staff and other resources;</p> <p>-Increase bursary allocation and strengthening of the process of identifying the needy cases;</p> <p>-Introduce HIV and AIDS training programmes for teachers and students.</p> <p>-SWAP- Sector wide approach to ensure ownership and sustainability of programmes.</p> <p>-Improved data collection and evaluation of all programmes.</p> <p>Periodical reviews of programme success levels and interventional involvements as necessary.</p>

Projects and Programmes Priorities

i) New Projects

Project Name	Location	Objectives	Targets	Description of activities
POLYTECHNICS				
Implementation of SYPT programme in youth polytechnics	County wide	To enhance the quality accessibility and equitable distribution of youth training opportunities.	12000 trainees to be enrolled.	<ul style="list-style-type: none"> ▪ Publicity of YPs ▪ Selection of trainees ▪ Invitation letters ▪ Admission ▪ Enrolment returns
Implementation of NVCE'T curriculum	All YPs in the county	To equip youth with relevant skills, knowledge and attitude to enhance their capacity to engage in productive economic activities.	31 YPs to be implemented	<ul style="list-style-type: none"> ▪ Enroll trainees ▪ Nomination of BOG ▪ Assessment for registration ▪ Register YPs ▪ Assessment for KNEC certification
Equipping and refurbishing of YPs.	all YPs in the county	<p>To mobilize resources to provide quality training to the youth.</p> <p>To enhance quality accessibility distribution of youth training opportunities.</p>	31 YPs to be equipped and refurbished.	<ul style="list-style-type: none"> ▪ Advertise ▪ Procure ▪ Tender ▪ Tender awards ▪ Approvals

Project Name	Location	Objectives	Targets	Description of activities
Initiating Income Generating Activities in Yps.	All YPs in the county	To make YPs sustainable.	Initiated IGAs in 31 YPs.	<ul style="list-style-type: none"> ▪ Assessment need ▪ Procurement process ▪ Launching projects
Acquisition of land and construction of new polytechnics	County Wide	Build more YPs	One in each subcounty	Purchase of land
DEPARTMENT OF EDUCATION				
Building of model ECDE centres	County Wide	To provide a learner friendly environment and improve access.	240 ECDE centres	<ul style="list-style-type: none"> ▪ Identification of ECDE centres ▪ Develop bill of quantities ▪ NEMA approval ▪ Tendering ▪ Awarding tenders ▪ Commissioning
Renovating ECDE centres	County Wide	To provide a learner friendly environment and improve access.	400 ECDE centres	<ul style="list-style-type: none"> ▪ Identification of ECDE centres. ▪ Develop bill of quantities ▪ NEMA approval ▪ Tendering ▪ Awarding tenders ▪ Commissioning
Purchasing learning materials and play equipment's	All ECDE centres county wide	To enhance quality of teaching and learning.	380 ECDE centres	<ul style="list-style-type: none"> ▪ Identify type of materials ▪ Tendering ▪ Awarding tenders ▪ Commissioning
Building day	Urban areas	To provide	40 day care	<ul style="list-style-type: none"> ▪ Identification of

Project Name	Location	Objectives	Targets	Description of activities
care centres	and working environments	quality child care services	centres	location <ul style="list-style-type: none"> ▪ Develop bill of quantities ▪ Approvals ▪ Tendering ▪ Awarding tenders ▪ Commissioning
Construction of county ECDE training resources centre-Kirimari	Manyatta sub county	To ensure quality teaching/learning and efficient curriculum delivery	One institution complete	Construction works
Construction of new ECDE centres	County Wide	To ensure quality teaching/learning and efficient curriculum delivery	All sub counties	Construction works
Bursary disbursement	All wards	Access to secondary and tertiary education for needy students	Needy, bright & talented children	<ul style="list-style-type: none"> ▪ Ward committee sitting. ▪ Identification of needy students. ▪ Verification Issuing of cheques.
Construction of ECDE classroom at Karumiri Primary school	Kagaari south	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Matuturi Primary school	Kagaari south	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Kangondi	Kagaari south	Facilitate access to early education	One	Construction works

Project Name	Location	Objectives	Targets	Description of activities
Primary school				
Construction of ECDE classroom at Kathugu Primary school	Kagaari south	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Ngeriari Primary school	Kagaari south	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Ndumari Primary school	Kagaari south	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Kavuru Primary school	Kagaari south	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Gikuuri Primary school	Runyenjes Central	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Gicheche Primary school	Runyenjes Central	Facilitate access to early education	One	Construction works
Construction of ECDE classroom at Mwenendega Primary school	Runyenjes Central	Facilitate access to early education	One	Construction works

Project Name	Location	Objectives	Targets	Description of activities
Construction of pre-school classroom at St Paul Mbuvari Primary school	Nginda	Facilitate access to early education	One	Construction works
Construction of pre-school classroom at Gatwe Primary school	Nginda	Facilitate access to early education	One	Construction works
Construction of pre-school classroom at ACK Kathangariri Primary school	Nginda	Facilitate access to early education	One	Construction works
Purchase of land for pre-school class at Muthigi	Nginda	Acquisition of land for construction ECDE classrooms	½ acre	Purchase of land
Purchase of land for pre-school class at Ngerwe	Nginda	Acquisition of land for construction ECDE classrooms	½ acre	Purchase of land
Purchase of land for pre-school class at Kiandari	Nginda	Acquisition of land for construction ECDE classrooms	½ acre	Purchase of land
Purchase of land for ECDE class at Makengi	Gaturi North	Acquisition of land for construction ECDE classrooms	½ acre	Purchase of land

Project Name	Location	Objectives	Targets	Description of activities
Purchase of land for ECDE class at Nguthiru	Mbeti South	Acquisition of land for construction ECDE classrooms	½ acre	Purchase of land
Renovation of classroom at Karurumo polytechnic	Kyeni South	Improving the facilities for effective learning	One	Identification of the scope of work
Renovation of Kiarimui ECDE class	Runyenjes central	Improving the facilities for effective learning	One	Identification of the scope of work
Renovation of Kavutiri ECDE class	Gaturi North	Improving the facilities for effective learning	One	Identification of the scope of work
Construction of Kigaa youth polytechnic	Runyenjes central	Improving the facilities for effective learning	One	Construction works
Equipping of Ena youth polytechnic	Kagaari South	To enhance skills for the youth in order to produce marketable students	One	Provision of tools and equipment
Construction of workshop at Kathunguri polytechnic	Kyeni South	Improving the facilities for effective learning	One	Construction works
Purchase of land for Kathageri polytechnic	Kyeni North	Acquisition of land for construction of polytechnic	½ acre	Purchase of land
Construction of Kithimu community library	Kithimu	Improving the facilities for effective learning	One	Construction works

Project Name	Location	Objectives	Targets	Description of activities
ICT DEPARTMENT				
Internet connectivity (county offices)	County and sub county offices	Improve Internet connectivity and Wide Area Network	Improve the efficiency and effectiveness of the county offices(1) and the 4 Sub county offices	-Procurement of routers, switches and other accessories. -Testing the connectivity between the Head office and the Sub county offices
Internet Kiosks /Digital village	Polytechnics and Public institutions	To provide public access to information	Connect One polytechnic per Ward totaling to 20 wards	-Baseline Survey to determine suitability. -Procurement of the ICT Equipment to be used (routers, switches).
Wi-Fi Internet Connectivity and Hotspots	County wide	To give the public access to internet facilities	Number of hotspots	-Feasibility study for the implementation of procurement of a vendor /3 rd party supplier.
Fleet Management System	County office	To save on the fuel costs, misuse and pilferage of the same	Number of vehicles that have the system installed	- Feasibility study -Procurement of the fleet management -Hiring of one staff to handle the system
Electronic Data Management systems	County Office	To create paperless systems and free up space in the County offices	The installation of the System at the county office	-Procurement of the system -Training of staff on its usage -Clearing the files and creating more office space

Project Name	Location	Objectives	Targets	Description of activities
E –Revenue system	County wide	To improve the efficiency and effectiveness	Implementation of the system	Identification of the vendor Testing the systems (User Acceptance testing)
ICT related Baseline surveys	County wide	To provide information on the ICT needs of the County and County offices	The number of Baseline surveys done	- Feasibility Study - Carrying out of the survey - Results of the surveys - Analysis of the results for the Survey
GPRS /GPS system for the county	County wide	- To help improve efficiency and effectiveness	Installation of the system	Feasibility study Procurement of the system Testing of the System
Health Management System	County wide	To enhance service delivery in public hospitals and faster dissemination of services to the community	Installation of the system	Feasibility study for the system Visits to the medical centers Implementation , user acceptance and testing
CCTV Surveillance and security	County Wide	- To help improve efficiency and effectiveness	Installation of the system	Feasibility study Procurement of the system Testing of the System
Data security	County Wide	- To help	Installation of	Feasibility study

Project Name	Location	Objectives	Targets	Description of activities
and control		improve efficiency and effectiveness	the system	Procurement of the system Testing of the System

ii) Other Projects

Project Name	Location	Objectives	Targets	Description of activities
Home craft centres	County Wide	To promote talent and individual development	16 home craft centres	<ul style="list-style-type: none"> ▪ Identification of location ▪ Develop bill of quantities ▪ Approvals ▪ Tendering ▪ Awarding tenders ▪ Commissioning
Collaboration with other institutions	Target institutions	To expand, increase transition and retention	Institute of higher education	<ul style="list-style-type: none"> ▪ Partnership with the institutions

iii) Flagship projects

There are no flagship projects/programmes under education sector.

iv) Stalled projects

There are no stalled projects/programmes under education sector.

Strategies to Mainstream Cross-cutting Issues

The sector will continue to integrate the use of ICT in processing and dissemination of information. The education sector addresses key cross-cutting issues due to its role in the society. By imparting knowledge to the youth, it ensures they become competitive and have the necessary skills for both formal and informal employment. An educated society is able to respond to the trends and adopt as well as initiate solutions to the problems facing it. The FPE and FSE have thus ensured that the

youth do not drop out of school due to financial needs. This has contributed towards the achievement of MDG 2 on universal access to primary education in the county.

The Education sector plays a big role in dissemination of information to pupils and students. The attainment of MDG 6 on Combating Malaria and other diseases has been enhanced through the use of ICT in dissemination of information.

The sector will equip the youth polytechnics and at the same time built youth friendly centres where youths can acquire skills and become more marketable hence reduce the unemployment level. MDG 8 on developing a global partnership will be accelerated through the use of internet to effectively relay information all over the world. The search for available markets for the local produce is being made more efficient through the use of the internet. E-commerce will be a major driving force behind future economic growth especially in regard to the export of surplus agricultural produce.

7.7 Trade and Tourism

The Trade and Tourism Sector comprise of Trade and Tourism sub-sectors.

Sector Vision and Mission

Vision

To make Embu county the destination of choice for tourism and trade as well as a leader in sustainable tourism.

Mission

To facilitate sustainable tourism for county development and for posterity.

To embrace policies and programmes those optimise the economic, environmental and socio-cultural benefits of trade and tourism thus contributing to sustainable growth and development of the county.

County Response to the Sector Vision and Mission

The County will contribute towards the achievement of the vision and mission by provision of credit facilities to the small scale traders, providing training on management skills to the already existing and potential traders. Tourist facilities will be established and proper marketing be done through elaborate and strategic signage across the county.

Role of stakeholders

Stakeholder	Role
Relevant Government departments.	<ul style="list-style-type: none"> To provide clearance for an industry to start its operations.
Chamber of Commerce	<ul style="list-style-type: none"> To represent the interest of business community
Joint Loans Board	<ul style="list-style-type: none"> To provide credit facilities to Small and Microenterprises
Kenya Tourism board	<ul style="list-style-type: none"> Marketing of tourist attractions and facilities
Banks and other financial institutions	<ul style="list-style-type: none"> Providing finance and technical support.
NGOs, FBO and CBOS	<ul style="list-style-type: none"> Support groups in protecting indigenous sites which have cultural attachments. Development of micro-finance culture in the community.
Kenya Wildlife Service	<ul style="list-style-type: none"> Protection of wildlife resource
Tourism associations	<ul style="list-style-type: none"> Lobbying for the industries

Sub-Sector Priorities and Constraints

Sub-sector	Priorities	Constraints	Strategies
Trade	Promote and facilitate establishment of MSMEs; Provision of entrepreneurial trainings, advisory and counselling services; Improve availability of financial assistance to MSMEs;	-Inadequate entrepreneur skills; -Limited funding; -Limited market channels;	-Promote the development, growth and graduation of MSMEs; -Expand, strengthen and promote partnerships with the private sector; -Promote innovation and protection of

Sub-sector	Priorities	Constraints	Strategies
	Contribute significantly towards promotion and facilitation of the county's domestic trade; Establish a trade and investment data base.		Intellectual Property Rights (IPRs); Expand and diversify the export base and markets; -Promote fair trade practices and ensure consumer protection.
Tourism	-Increase tourism numbers into the county -Control human encroachment to protected areas -Marketing of tourist sites in the County.	-Insufficient funds; -Limited manpower; -Low levels of awareness;	-Engage more personnel and link with other law enforcement agencies; -Create community awareness; -Source donor funding to support community projects; -Sensitize stakeholders on investment available opportunities.

Project and Programme Priorities

i) On-going Projects/Programmes

Project Name	Objectives	Targets	Description of Activities
Embu Joint Loans Board	To avail credit to entrepreneurs.	100 entrepreneurs per year.	To link business community with MFIs and other sources of credit.

ii) New projects

Project Name	Location	Objectives	Targets	Description of Activities
Tourism Information centre	Embu town	Create awareness and provide tourism information	1 centre	Identify premises Equipping Collect and compile info Publications Personel
Tourism cultural museum	countywide	Promote cultural tourism-diversify tourism products in the County	4 museums	Identify ideal sites Construction of museums Identify and procure artifacts Personel
Traditional medicine centre	countywide	Promote cultural tourism-diversify tourism products	4 centres	Identify ideal sites Construction of centres Equipping Personel
Eco-tourism facility	Njukiiri	Promote sustainable tourism in the County	1 facility	Establish necessary camping facilities
Cultural villages-County wide	County wide	Promote cultural tourism-diversify tourism products in the County	4 village	Establish traditional village
Eco-lodges	Irangi and Magaca	Opening Mt. Kenya Southern Route Increase tourism flow into Mt. Kenya	2 eco lodges	Construction
Tented Camp in Mwea Game Reserve	Mwea Game Reserve	Expand tourist class accommodation facilities	1camp	Construction
Planetarium	Kianjiru Hill	Promote astro-tourism-diversify tourism products in the County	1 planetarium	Construction
Amusement park	Embu	Promote leisure tourism	1 park	Construction n equip

Project Name	Location	Objectives	Targets	Description of Activities
3 RD Entry to Mwea National Reserve through Tana River	Sagana bridge	Promote adventure tourism in the County.	1entry	Construct Transit facility Boats
Upgrade of markets	countywide	Planning and decongestion	8 markets	Construction of modern markets
Boda boda/Miraa sheds	countywide	Planning and decongestion	All bodabod a stages/M iraa collectio n centres	Construction of sheds
Business resource centres	County wide	Training on entrepreneurship and business development	1 centre per sub county	Construction of centre
Jua Kali Shelters	County wide	Create employment	2 per sub county	Construction of shelters
SME's Stalls	County wide	Create employment	10 per subcount y	Construction of stalls
Land acquisition for markets	County wide	Expand markets	In all sub counties	Purchase of land
Rehabilitation of markets	County wide	Expand markets	In all sub counties	Rehabilitation works
Renovation of Runyenjes hotel	Runyenjes	Income generation	One	Renovation works
Renovation of Runyenjes shoe shiner sheds	Runyenjes	Employment creation	100 sheds	Renovation works
Construction of Ugweri market lighting	Ugweri	Public health starndards met	Well lit toilet	Construction works
Construction of Manyatta market toilet and fencing	Manyatta	Public health starndards met,secure market	Well lit toilet	Construction works
Purchase four acres of land for jua kali artisans ,hawkers and kiosk owners	Kiritiri	Support for the informal sector,creation of employment,industr ialization	Four acres of land	Purchase of land

Project Name	Location	Objectives	Targets	Description of Activities
Construction/modernisation of fresh produce market	Kiritiri	Improve marketing,create employment	One	Construction works
Land levelling at Mbuvari market	Nginda	Improve market conditions	One	Levelling works
Construction of Nembure stage busstop sheds	Nembure	Provide a conducive environment for travellers	Two	Construction works
Purchase of land for Kathageri market	Kathageri	Creation of a market place for the residents. Source of income, creation of employment.	1	Purchase of land
Improvement of Kianjokoma bus stage	Kianjokoma	Conducive environment to facilitate human and goods	One	Construction works
Construction of Kiriari Market	Kiriari	Expansion and improvement of market conditions to facilitate business	One	Construction works
Improvement of Kathunjuri market infrastructure	Kyeni South	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Kigumo market infrastructure	Kigumo	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of	Kanja	Facilitate human	One	Construction

Project Name	Location	Objectives	Targets	Description of Activities
Kanja bus park		and goods transport		works
Construction of Rukira and Ndatu markets	Rukira and Ndatu	Facilitation of exchange of goods and services	Two	Construction works
Improvement of Embu town market	Embu town	Ease exchange and storage of market goods	One	Construction works
Improvement of Kiritiri market infrastructure	Kiritiri	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Siakago market infrastructure	Siakago	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Runyenjes market infrastructure	Runyenjes	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Kianjokoma market infrastructure	Kianjokoma	Expansion and improvement of market conditions to facilitate	One	Construction works

Project Name	Location	Objectives	Targets	Description of Activities
		business,improve security,create conducive environment for traders,ease collection of levies		
Improvement of Makutano market infrastructure	Makutano-Mwea	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Manyatta market infrastructure	Manyatta	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Ena market infrastructure	Ena	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Kithimu market infrastructure	Kithimu	Expansion and improvement of market conditions to facilitate	One	Construction works

Project Name	Location	Objectives	Targets	Description of Activities
		business,improve security,create conducive environment for traders,ease collection of levies		
Improvement of Karurumo market infrastructure	Karurumo	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Ishiara market infrastructure	Ishiara	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Kanyuambora market infrastructure	Kanyuambora	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Mutuombare market infrastructure	Mutuombare	Expansion and improvement of market conditions to facilitate	One	Construction works

Project Name	Location	Objectives	Targets	Description of Activities
		business,improve security,create conducive environment for traders,ease collection of levies		
Improvement of Kevote market infrastructure	Kevote	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Kimangaru market infrastructure	Kimangaru	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Karingari market infrastructure	Karingari	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Ngiiri market infrastructure	Ngiiri	Expansion and improvement of market conditions to facilitate	One	Construction works

Project Name	Location	Objectives	Targets	Description of Activities
		business,improve security,create conducive environment for traders,ease collection of levies		
Improvement of Kathangeri market infrastructure	Kathangeri	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Muraru market infrastructure	Muraru	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Kathangariri and Mbuvari market infrastructure	Kathangariri and Mbuvari	Expansion and improvement of market conditions to facilitate business,improve security,create conducive environment for traders,ease collection of levies	One	Construction works
Improvement of Makima market infrastructure	Makima	Expansion and improvement of market conditions to facilitate	One	Construction works

Project Name	Location	Objectives	Targets	Description of Activities
		business,improve security,create conducive environment for traders,ease collection of levies		
Construction of Business park		Creation of employment,Investment oppurtunities,reven ue collection	One	Construction works
Development of tourism centres	County wide	Creation of employment,Investment oppurtunities,reven ue collection	4	Construction works
Land buying for Kathangariri Market	Nginda	Create a conducive market for traders	One	Purchase of land

iii) Flagship projects

Project Name	Location	Objectives	Targets	Description of Activities
Eco-lodges	Irangi and Magaca	Opening Mt. Kenya Southern Route Increase tourism flow into Mt. Kenya	2 eco lodges	Construction
Tented Camp in Mwea Game Reserve	Mwea Game Reserve	Expand tourist class accommodation facilities	1 camp	Construction
Planetarium	Kianjiru Hill	Promote astro-tourism-diversify tourism products in the County	1 planetarium	Construction
Amusement park	Embu town/Nukiri	Promote leisure tourism	1 park	Construction n equip
Tier 1 market	Embu	Mainstreaming	1 market	Identification of

Project Name	Location	Objectives	Targets	Description of Activities
		whole and retail supply chain		land Construction of market
Industrial development centres	Embu town		In all sub counties	Identification and construction of industrial sites and sheds

iv) Stalled projects

Project Name	Location	Description of Activities	Reasons for stalling
Trade offices	Embu Town	Construction of a two storey building. Offices for the Ministry of Trade, Embu	Contractor abandoning site; Delay in funding.

Strategies for Mainstreaming Cross Cutting Issues

The number of microfinance institutions in the County has been increasing. This has in turn resulted into an increased pool of funds available for lending purposes. The Youth and Women Enterprise Funds have also boosted access to credit by women and the youth. These have indeed accelerated the achievement of MDG 1 on eradication of extreme poverty and hunger. The accessibility of affordable credit to women and the youth has enabled them to expand their businesses as well as gaining knowledge on how to manage a business properly.

The achievement of MDG 3 on gender equality and women empowerment has also been enhanced by the availability of cheap loans for women and women groups. The presence of the Chamber of Commerce Embu County Chapter continues to provide information on available investment opportunities as well as creating links with both local and international markets. If fully harnessed, the Chamber of Commerce will

contribute towards the county's achievement of MDG 8 on developing a global partnership for development

7.8 Youth and Sports

Sector Vision and Mission

Vision: Sustainable and equitable socio-cultural and economic empowerment of all youth in the county.

Mission: To formulate, mainstream and implement responsive policies through coordinated strategies for sustained and balanced socio-cultural and economic development of the County and empowerment of vulnerable and marginalised groups and areas.

County Response to Sector Vision and Mission

The sector implements strategies that spur economic growth and addresses the social economic needs to the community. The foremost task will be to mobilise community resources to promote participatory projects and programmes. The high levels of youth unemployment, drug and substance abuse provide a major challenge to the county. The county will encourage the youth to engage in sports activities for recreation and as an economic venture. The sub-sector will offer a good opportunity for dissemination of information on HIV/AIDS especially to the youth. Sports activities will therefore be promoted for social integration and cohesion.

Development of youth and nurturing of skills is important if the county has to progress. The county will provide adequate facilities in the polytechnics and expand their capacity to train more students to respond to the need of better equipped youth. Further, the sector through the youth fund and the *vijana* boost project will aim to capacity build the youth and avail resources for them to venture into business. The sector will work closely with other sectors to ensure that youth issues are adequately addressed and a strategic plan for the youth is developed. The sector will further continue to promote initiatives by the youth that promote good behaviour and ensure the youth are engaged constructively.

Role of Stakeholders in the Sector

The sector has a wide range of stakeholders with specific roles and responsibilities that are specific to each sub-sector.

Stakeholder	Role
CSOs, NGOs, FBOs (Plan International, IFAD)	<ul style="list-style-type: none"> • Participating in programmes and projects; • Provide technical and financial support; • Community empowerment and Support through capacity building and direct funding to group initiatives; • Support community initiatives; • Capacity building of staff and stakeholders; • Support research/surveys on social issues; • Recruitment and payment to self-help teachers;
Government Ministries	<ul style="list-style-type: none"> • Provide regulatory policy guidelines and framework; • Create an enabling environment; • Allocation of resources for projects; • Provision of qualified human resource; • Provision of grants to groups and the economically distressed; • Formulation and dissemination of policies; • Community mobilisation.
Community, Local leaders	<ul style="list-style-type: none"> • Support development activities through active participation and contribution; • Provide good leadership in project management; • Mobilization of the community; • Monitoring and Evaluation; • Advisory services.
Micro-finance Institutions	<ul style="list-style-type: none"> • Provision of credit to groups and individuals; • Partners in Capacity building with GoK departments.

Sector/Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
Youth Affairs	<ul style="list-style-type: none"> • Increase the level of employment among the youth • Reduce the prevalence of HIV/AIDS pandemic and STIs and promote positive living among the youth infected • Reduce crime and drugs abuse among the youth • Promote and participate in environment management. 	<ul style="list-style-type: none"> • Inadequate skills among the youth • Negative attitude towards blue collar jobs. • Scarcity of employment avenues • Irresponsible and risky sexual behaviour amongst young people • Inadequate number of youth friendly VCTs • Availability of drugs in the locality i.e. <i>miraa</i>, bhang and illicit local brews • Poor waste management in the community • Depletion of forest cover 	<ul style="list-style-type: none"> • Intensive training. • Encourage attitudinal change. • Encourage and promote self employment through the youth fund. • Conduct awareness campaigns on sexual behaviour change. • Liaise with MOH to increase the number of youth friendly health centres. • Develop assertiveness among the youth to be able to make wise decisions. • Liaise with local authorities in sensitizing the community in proper waste management. • Mobilize youths to participate in tree planting exercises.

Project and Programme Priorities

i) New Project Proposals

Project Name Location/Division / Constituency	Priority Ranking	Objectives	Targets	Description Of activities
Youth talent academy – Embu County	1	To nurture and develop talent and link them to market;	-Establish one fully equipped talent academy, -Establish four sub-county satellite academies; -Train twelve sports professional in the county.	-Establish and equip centres where youths can be trained in sports; -Films, movies (valley wood movies) and music production
Establish a Embu Youth SACCO	1	To promote entrepreneurial culture; To promote a saving culture;	-Register One hundred thousand youths in five years; -Advance loans valued at twenty millions yearly to youth groups and individuals; -Expanding the savings from the current 89 to 10millions yearly	-Mobilising youths for registration at ward level; -Training forums for youth on saving; entrepreneurship; and access to government procurement opportunities;
Empowerment Centers/ or youth friendly Centers	1	-To develop and enhance skills among the youth through trains and sharing forums; To promote training in ICT driven economy;	-Equip the three existing empowerment centre; -Establish one empowerment centre in Mbeere, North Sub- County; -Employ trainers at all the four	Procure computers, Internet connectivity, Equip the resource, Constructions

Project Name Location/Division / Constituency	Priority Ranking	Objectives	Targets	Description Of activities
			youth Empowerment Centres.	
High altitude sports training complex	1	Create employment and tap talents	Build a sports complex centre	Build a track Build a lecture hall
Small and Medium Enterprise Incubation centres	1	To promote youth participation in economic development	Support 2 innovative business ideas per year in each ward	-Provision of critical equipment tools technological advice -Create business information centre Create market networks and links
Water Sports	1	Promote sports tourism		
Modern Stadia	1	To promote youth sports development To promote sports tourism	Renovation and face lifting the stadia to accommodate a capacity of 15000- 20000.	-Establish track, football pitch, volleyball pitch, basketball pitch -Establish swimming pool -Establish softball and baseball -Establish pavilion and change rooms. Establish security wall and floodlights
Environmental Protections-enviro	1	Create employment	5 youth groups per ward every year	-Establish tree nursery beds -Tree planting -Youth cleaning urban centres monthly
County Sports Programme		Promote sports		Establish programmes
Construction of		To promote	One per sub	Construction

Project Name Location/Division / Constituency	Priority Ranking	Objectives	Targets	Description Of activities
modern stadiums in the county		youth sports development To promote sports tourism	county	Works
Renovation of play ground at new site	1	To support youth,community and cultural activities	One	Construction works
Construction of a social hall at Gachoka recreational centre	1	To support youth,community and cultural activities	One	Construction works
Construction of Muvandori youth polytechnic	1	To support youth,community and cultural activities	One	Construction works
Construction of Boda Boda sheds-Kibugu	1	To support youth		Construction works
Construction of Boda Boda sheds-Kathangariri	1	To support youth	1	Construction works
Construction of Boda Boda sheds-Mbuvori	1	To support youth	1	Construction works
Construction of Boda Boda sheds-Kangethia	1	To support youth	1	Construction works
Purchase of play ground at Karambari	1	To support youth,community and cultural activities	5	Construction works
Construction of Boda Boda sheds-Kibugu	1	To support youth	1	Construction works
Renovation of Nembure social Hall	1	To support youth,community and cultural activities	One	Construction works

Project Name Location/Division / Constituency	Priority Ranking	Objectives	Targets	Description Of activities
Rehabilitation of play grounds- Kyeni North	1	To support youth, community and cultural activities	One	Construction works
Construction of Boda Boda sheds- Mutuobare	1	To support youth	2	Construction works
Construction of Boda Boda sheds- Newsite	1	To support youth	2	Construction works
Rehabilitation of Embu Stadium	1	To support youth, community and cultural activities	One	Construction works

ii) Flagship Projects

Project Name	Location	Objectives	Targets	Description of activities
One youth stop-shop for youth led initiatives i.e. cyber, Gym, Library, Guidance and counseling	Embu West sub County	Embu West sub Construction of cultural centre, equipping and Operationalization of the centre	-To create an avenue for the promotion of creative/cultural economy, promotion of tourism ,cultural awareness and national integration	-To have Administration block, multipurpose hall, conference room, gallery, curio shop, cultural restaurant, herbal clinic, botanical garden, hostel, amphitheatre ,cultural homestead with appropriate artefacts
Greenhouse farming projects in Youth Polytechnics	countywide	Improve quality of training and generate income	All Youth Polytechnics	Establish greenhouses Installing drip irrigation system

Project Name	Location	Objectives	Targets	Description of activities
Hatcheries in Youth Polytechnics	countywide	Initiate income generating activity	All Youth Polytechnics	Procure and installation of hatcheries

Mainstreaming of Cross-cutting Issues

The Youth fund will empower the youth economically and assist in bridging the capital gap. The department of youth affairs will build capacity of the youth and train them to ensure they become innovative and able to initiate activities that make them economically productive. The sector will equip the youth polytechnics and at the same time built youth friendly centres where youths can acquire skills and become more marketable hence reduce the unemployment level. Poverty is an issue that needs concerted effort if any meaningful gain is to be realised. The sector plays a big role in equipping people with skills and exposing them to opportunities aimed at giving them access to factors of production especially capital. Reduction of unemployment levels will go a long way to accelerate the achievement of MDG 1 on eradication of extreme poverty and hunger in the County.

Other areas of great concern are drug abuse, which continue to afflict the youth. The sector has been offering necessary interventions in collaboration with stakeholders including establishment of youth friendly VCTs and trainings targeting the youth. The sector in liaison with the sports department has initiated sports programmes that act as avenues for disseminating and drug abuse information bringing the youth together to address issues that affect them.

7.9 Social Protection Culture and Recreation

Social Protection Culture and Recreation

This sector comprises of the following sub-sectors; Gender, Culture, Children and Social Development.

Sector Vision and Mission

Our vision as the Ministry of Gender, Culture, Children and Social Services in Embu County is;

- “Establish strong foundations for men, women, children and persons with special needs to enrich the cultural heritage of Embu County”.

Our mission is

- “to express and uphold Embu Cultural Heritage through the development of gender (man and woman) children, youth, and special groups, by resource management, capacity building and community development activities with the community, stakeholders i.e. CBOs, FBOs, governing agencies and NGO’s in comprehensive community ventures thus setting lasting foundations for wholesome economic, social and psychological health of Embu county, Kenya and Africa”.

County Response to Sector Vision and Mission

The sector implements strategies that spur economic growth and addresses the social economic needs to the community. The foremost task will be to mobilise community resources to promote participatory projects and programmes.

The social services department will continue to promote equal participation of both men and women in development issues through capacity development. Mobilisation of local resources through promotion of projects in agriculture and small-scale trade will be enhanced. This is also likely to create jobs in these sectors. The sector will also continue to sensitise the community on the need for self-reliance.

The children department through the cash transfer programme will address some of the main issues that face the OVCs in the society by targeting the most vulnerable in the society. This department will also ensure that all children of school going age are able to access education and other rights provided to them through the law. Child labour which is prevalent in the upper and lower parts of the county will be addressed through community sensitisation.

Role of Stakeholders in the Sector

The sector has a wide range of stakeholders with specific roles and responsibilities that are specific to each sub-sector.

Stakeholder	Role
CSOs, NGOs, FBOs (Plan	<ul style="list-style-type: none"> • Participating in programmes and projects; • Provide technical and financial support; • Community empowerment and Support through capacity building and direct funding to group initiatives;

International, IFAD)	<ul style="list-style-type: none"> • Support community initiatives; • Capacity building of staff and stakeholders; • Support research/surveys on social issues; • Advocating for gender rights; • Recruitment and payment to self-help teachers; • Provision of Public buildings for establishment of CLRCs.
Government Ministries	<ul style="list-style-type: none"> • Provide regulatory policy guidelines and framework; • Create an enabling environment; • Allocation of resources for projects; • Provision of qualified human resource; • Provision of grants to groups and the economically distressed; • Formulation and dissemination of policies; • Community mobilisation.
Community, Local leaders	<ul style="list-style-type: none"> • Support development activities through active participation and contribution; • Provide good leadership in project management; • Mobilization of the community; • Monitoring and Evaluation; • Advisory services.
Micro-finance Institutions	<ul style="list-style-type: none"> • Provision of credit to groups and individuals; • Partners in Capacity building with GoK departments.

Sector/Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
Gender	<p>-Empower women economically by availing credit facilities to boost their projects;</p> <p>-Gender mainstreaming and empowerment.</p> <p>-Men Mentorship and Behaviour change.</p>	<p>-Inadequate equipment.</p> <p>-Inadequate project management skills in projects.</p> <p>-Project mismanagement.</p> <p>Entrenched retrogressive cultural practices;</p> <p>-Inadequate resources to support formulated programmes</p>	<p>-Intensify capacity building on gender mainstreaming and women empowerment.</p> <p>-Create linkages for resource mobilization to support prioritized activities.</p> <p>-Avail grants to group projects and individuals to support IGA.</p> <p>Capacity Building for Men.</p>
Culture	<p>SME growth and Development for Artists.</p> <p>Have a functional Herbal clinic in place</p> <p>Capacity building in herbal medicine and group dynamics</p> <p>Revolving fund to grow and sustain their trade</p>	<p>Lack of Capacity Building opportunities.</p> <p>Lack of a formal centre to setup herbal medicine</p> <p>Lack of funds to develop their practice and empowerment</p> <p>Poor Capacity building in marketing and products</p>	<p>-Train all Artists to turn their trade.</p> <p>-Construction of a functional Theatre for artistic expressions;</p> <p>-Capacity building in marketing and products;</p> <p>-Setting up a revolving fund product to finance cultural entriprise development</p> <p>-Plan for capacity building workshops</p>
Social Services	<p>Introduction of market oriented courses for persons with disability.</p> <p>Care and protection of the Elderly and the Persons Living with Disability.</p> <p>Social Welfare.</p>	<p>Inadequate resources to support the prioritized activities.</p> <p>Inadequate personnel especially at VRC.</p> <p>No framework for care and protection.</p>	<p>Market oriented courses to be introduced at V</p> <p>Mobilise local resources to augment funds for group projects.</p> <p>Programs geared towards care and protection of Elderly and Persons with Disability.</p>
Children's	<p>Provision of care and protection to children.</p>	<p>Inadequate resources.</p> <p>Lack of adequate accommodation.</p>	<p>Involve the community in provision of care and support to children.</p>

Projects and Programmes Priorities

i) On-going Projects

Project Name	Objectives	Targets	Description of Activities
<p>Childrens Assembly -National level,(Empowerment of children)County level And Sub/county level</p>	<p>To empower children with knowledge and skills on children rights and responsibilities To involve children in policy formulation planning and implementation, monitoring and evaluation. To provide a forum to promote children participation at local national and international events.</p>	<p>Age 7 and below 18 years. Kenyan citizens. 5Representatives from every sub county 15% representative of children with special needs. Equal gender representation.</p>	<p>Assembly sittings at national level, at county level and at sub county level. Activities held 3 times a year</p>
<p>Social protection for fund for households with orphans and vulnerable children Cash transfer to 3515 households OVC</p>	<p>Embu west Embu East Embu North Mbeere South Mbeere North</p>	<p>To increase the capacity of families and communities taking care of OVC To strengthen rent ion of OVC within their households To enhance community fostering</p>	<p>Households with orphans and vulnerable children. OVC who have lost one or both parents OVC with terminally ill parents</p>

ii) New Project Proposals

Project Name	Objectives	Targets	Description of Activities
Child protection centre at Embu and other areas	<ul style="list-style-type: none"> • To offer care and protection services to children who are vulnerable • To offer rehabilitation services to children on the streets • To offer life skills for effective reintegration. • To offer guidance and counseling • To offer formal education. • To offer effective care during the pre-trial juvenile justice system. • To offer effective diversion services • To protect children from abuse. 	<ul style="list-style-type: none"> • Children aged 5-17years Both boys and girls • Children on the street. • Victims of abuse • Lost and found. 	<ul style="list-style-type: none"> • Identification of site for establishment of the Centre • Equipment of the Centre • Operationalization of the Centre
Sponsorship programme to 100 needy children in 4 constituencies at Ksh. 30,000	<ul style="list-style-type: none"> • To enable needy children attain post primary education 	Orphans and vulnerable children in the community <ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • Community Targeting selection, Validation, Enrollment and Payment

Project Name	Objectives	Targets	Description of Activities
per year			<ul style="list-style-type: none"> Monitoring and evaluation
Economic household strengthening to 100 households in 4 constituencies that have vulnerable children	<ul style="list-style-type: none"> To alleviate absolute poverty in households with vulnerable children Facilitate development of human capital Encourage retention of orphans in community and households Encourage fostering of children in their families To aid in guidance and counseling. To link them with other sectors for further services 	Poor households with vulnerable children	Targeting Enumeration Validation Enrollment Support services Monitoring and evaluation
Establishment of children centres County wide	Increase capacity of children institutions	All sub counties	Training, registration and routine inspections

iii) Flagship Projects

Project Name	Location	Objectives	Targets	Description of activities
Support to Charitable children Institutions(CCI)	Runyenjes, Manyatta Mbeere South Mbeere North	<ul style="list-style-type: none"> Increase capacity of children institutions to care and 	9 charitable children institutions in the county	<ul style="list-style-type: none"> Training of CCI managers Registration Routine inspections for

Project Name	Location	Objectives	Targets	Description of activities
		protect children • Ensure conformity with regulations and standards		compliance • Support for care and protection

Culture

i) Ongoing Projects and programs

Project Name	Objectives	Targets	Description of Activities
Facelift and renovation of cultural homestead.	To arrest drainage issues and erosion, exposé rocks for artistic expression	Drainage system in place Setting of the terraces done and controlled erosion and damage to the buildings	Construction ,fill in excavations
	To give a facelift to the aging office block for cleaner and easier to manage environment	Urgent repairs done to check continuous wearing out of the building	Sourcing for BQs Tendering Awarding Construction activities Inspection and acceptance Commissioning
Construction of a complex housing art gallery, curio shop, herbal clinic cultural museum, amphitheatre. Cultural library at (4) sub counties	To adequately develop cultural heritage infrastructure for the promotion of cultural and creative industries for economic empowerment of cultural artists and indigenous health	4 well constructed complex serving the prioritized needs Of the community	Sourcing for BQs Tendering Awarding Construction activities Inspection and acceptance Commissioning Sourcing for cultural material literature
Construction and	To harness ,develop,	Equipped cultural	Sourcing for BQs

Project Name	Objectives	Targets	Description of Activities
equipping the cultural villages (4) with appropriate artifacts.	preserve and promote, county's cultural and natural heritage as well as provide a appropriate reading and information materials from within the county and outside	homestead /villages And libraries	Tendering Awarding Construction activities Inspection and acceptance Commissioning Purchase of artifacts
Baseline survey of sites and monuments in the county Reclaiming and preserving ,promoting the site and monuments in the county	To adequately develop cultural heritage infrastructure for the promotion of cultural heritage and preservation	Baseline survey done to identify the sites and monuments Reclaim the sites Listing the sites	Baseline survey identify the sites and monuments Reclaim the sites Listing the sites

ii)New project proposal

Project Name	Objectives	Targets	Description of Activities
Registration of cultural Practitioners	To harness the full potential of Kenya's cultural heritage o coordinate registration of cultural Practitioners To coordinate renewal of certificates	400 new groups registered 50 renewals	coordinate registration of cultural Practitioners coordinate renewal of certificates
Creative industries in 4 sub counties	To promote	Creative industries in each sub county	market education(SMEs)
Revolving fund	To improve incomes and create employment	100 groups per sub county	Registration of the groups Training of groups on micro finance entrepreneurship Creating the fund Develop guidelines for

Project Name	Objectives	Targets	Description of Activities
			disbursement Disbursement of funds to groups

Social services

i) Ongoing projects and programmes

Project Name	Objectives	Targets	Description of Activities
Community Capacity Support Programme– Rwika – Scaling up Resource centre	To improve income generating	Increase the number of cottages by thirty units	Renovation of- 14 number cottages; three number guest houses
Renovation of Embu vocational rehabilitation Centre	Improved accommodation	one hall, two dormitories) Scaling up of vocational centre	Civil works
Home for the elderly	Provide shelter for aged and neglected persons	One in the County	Civil works
Cash transfer programe for elderly and severe disabled	To reduce extreme poverty for the aged and disabled	Provide cash transfer to 200 households in each sub – county Provide cash transfer to 50 households in each sub – county for poor and severe disabled persons	Targeting listing

New projects

Project Name	Objectives	Targets	Description of Activities
Office construction	To provide office accommodation at sub county and ward	Build offices in the sub-counties	Developing of designs and drawings,BQ's and construction works

Gender

i) Ongoing programmes and projects

Project Name	Objectives	Targets	Description of Activities
Women protection	To protect women from harmful cultural practices and improve their lives through behavior and attitudinal change	100 women in each ward 2 girls secondary school in sub county	Initiate mentorship clubs in schools and outside school Education on FGM Education on abstinence Education on GBV to teachers, police officers sub areas and local leaders Education on sexuality Counsel women on family matters
Women socio economic empowerment	To enhance the capacity of women to participate in socio economic activities and decision making in the community. provide equitable access to and full participation in power structure and development	1000 women in each ward	Sensitize women on access to legal services Capacity building to enable women promote ownership and inheritance of property Build the capacity of women to balance their

Project Name	Objectives	Targets	Description of Activities
			various roles in the community
Men Mentorship and Behaviour Change	To Empower the men to take up their roles in the home and society.	1000 men per ward.	Behaviour change as well as Economic Empowerment.
Gender Development resource centre	To enhance gender mainstreaming in all county activities by constructing a gender resource centre which will handle all gender related issues To provide a friendly environment where women can get access to information	2 Two gender resource centres in 4subcounties	Identification of the area where to put up the centres Develop bill of quantities Tendering Awarding tenders Commissioning Creation of awareness on the centres Counsel women on family matters Capacity building on family related issues
Disaster risk reduction programme	to mitigate all aspects of disasters in the county	Provide food for 500 people in each ward	Identify the areas mostly hit Cost the (activity)disaster Mitigation(delivering the relief food)

ii) Stalled Projects

Project Name	Location	Description of activities	Reasons for stalling
Amphitheatre Cum Curio Shop And Gallery	Cultural Centre	Excavation started and stopped	NEMA Assessment declared site Environmentally unsuitable. The

			funds were used to construct the existing multipurpose hall
--	--	--	---

Mainstreaming of Cross-cutting Issues

The revolving loans and grants will empower the women and men economically and assist in bridging the capital gap. The department of social services will build capacity of both women and men and train them to ensure they become innovative and able to initiate activities that make them economically productive. The sector will construct and equip the gender resource centres which will promote gender issues across the county. Poverty is an issue that needs concerted effort if any meaningful gain is to be realised. The sector plays a big role in equipping people with skills and exposing them to opportunities aimed at giving them access to factors of production especially capital. Reduction of unemployment levels will go a long way to accelerate the achievement of MDG 1 on eradication of extreme poverty and hunger in the County.

Other areas of great concern are drug abuse, which continue to afflict the children. The sector has been offering necessary interventions in collaboration with stakeholders including establishment of childrens and gender desks in police station to handle matters relating to gender children. The sector in liaison with the education department has initiated childrens programmes that act as avenues for disseminating childrens rights

The Women Enterprise Fund (WEF) is changing the lives of women who can now access affordable credit to start and expand their businesses. This fund has thus been addressing the problem of gender inequality regarding access to credit by women as compared to men who have collateral when seeking for loans. Social protection funds have also been availed to the County so as to enhance the capacity and opportunities of the most vulnerable in the society. The establishment of the Persons with Severe Disabilities Cash Transfer fund continue to provide persons with disabilities the opportunity to engage in entrepreneurship. The Older Persons Cash Transfer fund seeks to strengthen the capacities of older persons and improve their livelihood while alleviating poverty. This in essence has impacted positively on increased gains geared towards achievement of MDG 3 on gender equality and women empowerment.

CHAPTER EIGHT:
IMPLEMENTATION, MONITORING AND
EVALUATION

8.0 INTRODUCTION

Monitoring and evaluation is the process that provides feedback on the efficacy and efficiency of the implementation of development projects and programs aimed at the achievement of the overall policy. M&E continues to emerge as an essential management component and integral part of project cycle that should be availed and utilized by all players in project implementation. The importance of integrating lessons learnt through the project implementation phases is critical if progress has to be realised at a faster pace. Consequently, the need to have a vibrant M&E system is very important especially at this time when more resources are trickling to the community.

Serious challenges nevertheless continued to overshadow the M&E. The component was challenged in terms of facilitation with many implementers allocating minimal funds for this activity. There was little documentation in terms of reports by the M&E agents and the activities depicted little consistency. The frequency and the quality of this noble exercise as well as level of involvement of the stakeholders were very low.

8.1 Institutional Framework for Monitoring and Evaluation in the County

The devolved system of government will entail the creation of new committees to oversee Monitoring and Evaluation at the County level. There will however be participatory monitoring and evaluation at all levels right from the project level, community, sub-location and location, sub-county and County levels. The location level will be fed information from the sub-location and village level committees. At the sub-County level, there will be a committee that will carry out the monitoring and evaluation in conjunction with other departmental heads and other stakeholders in the sub-County (sub-CMEC). At the County level, there will be a County Monitoring and Evaluation Committee (CMEC) and project management committee that will oversee the Monitoring and Evaluation process and will report to the CDC (County Development Committee)

The overall M&E committee in the County shall be the CMEC which shall be mandated and well facilitated to conduct its activities. The CMEC shall be reporting to the CEC and to the CDC so as to ensure production of quarterly reports and the County Annual Monitoring and Evaluation Report (CAMER).

8.2 Implementation, Monitoring and Evaluation Matrix

Efforts will also be put in place to mobilize enough resources for monitoring. Details of project objectives activities and targets for all projects and programmes listed below are provided in Chapter 4. The monitoring and evaluation matrix for every sector is given below

8.2.1 Agriculture, Livestock, Fisheries and Co-operative Development

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Shomap Funded Pilot Initiative market project. Kanja Market-Kagaari NW Loc; Runyenjes Div; Runyenjes constituency	25M	2013-2018	Ready markets	Reports, designs, photos	MOA/ ShoMAP	ShoMAP	Ongoing
Karurumo Market – Kyeni South Loc, Kyeni Div Runyenjes constituency	29.3M	2013-2018	Ready markets	Reports, designs, photos	MOA/ ShoMAP	ShoMAP	Ongoing
NMK- in both divisions – Nembure & Central Manyatta constituency	4M	2013-2018		Reports Group follow up	MOA	GOK	Ongoing
UPAP - in both divisions – Nembure & Central Manyatta constituency	1.7M	2013-2018	Agricultural productivity increased by 10% Agricultural	-Periodic reports -Project monitoring registers	MOA	GOK	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			income increased by 5%				
SHEP UP - in both divisions – Nembure & Central Manyatta constituency	0.3M	2013-2018		-Periodic reports -Baseline survey	MOA	GOK & JICA	Ongoing
SHoMaP- in both divisions – Nembure & Central Manyatta constituency	92.9M	2013-2018	Increased non-export horticultural output Net margin from non export horticultural production per unit land to 18% compared to with baseline of 0 Amount of paid employment in the non-export horticultural sector to 16% compared to baseline	-Periodic reports -Baseline and impact survey -Specific evaluation studies - Programme monitoring registers	MOA	GOK & IFAD	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
SCAO Office construction in Ngandori East location ,Manyatta Division ,Manyatta constituency	3.5M	2013-2018	Completed office block	Project appraisals by project manager Technical backstopping Reports	GOK	GOK	At 90% completion. 4 th quarter funding of Ksh.437,500 not received.
Kibugu Horticultural market construction ,Kibugu location .Manyatta Division, Manyatta constituency	36M	2013-2018	Constructed market	Project appraisals by project manager Technical backstopping Reports	GOK/IFAD	GOK/IFAD	Ongoing
Riakimakia bridge construction ,Kibugu location .Manyatta Division, Manyatta constituency	10,070,016	2013-2018	Improved rural access road	Project appraisals by project manager Technical backstopping Reports	GOK/IFAD	GOK/IFAD	Ongoing
Kathiga Gaceru Irrigation Scheme, Muringari Location, Kanyuambora Div. Mbeere	8M	2013-2018	-No. of farmers doing irrigated farming -number of farmers marketing horticultura	-M & E visits, surveys interviews and reports	MOA	GOK/ADB	95% complete

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
North Constituency			l produce -Volumes and incomes from various horticultural crops -Number of households able to meet basic and secondary needs				
Murachaki Irrigation Scheme, Ishiara Location, Evurore Division, Mbeere North Constituency	90M	2013-2018	-No. of farmers doing irrigated farming -number of farmers marketing horticultural produce -Volumes and incomes from various horticultural crops -Number of households able to meet basic and secondary	-M & E visits, surveys interviews and reports	SIDEMAN-SAL, MOW(Water), MOA	GOK/JICA	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			needs				
Kiambindu Irrigation Project, Ishiara Location, Evurore Division, Mbeere North Constituency	50M	2013-2018	-No. of farmers doing irrigated farming -number of farmers marketing horticultural produce -Volumes and incomes from various horticultural crops -Number of households able to meet basic and secondary needs	-M & E visits, surveys interviews and reports	MOA	GOK/JICA, ALRMP II	90 farmers already connected and producing horticultural crop for sale. 30 million needed for completion
Traditional High Value Crops- County wide	36M	2013-2018	Amount of retrieved seed, No. of secondary beneficiaries, Amount of crop produce.	Activity reports, Lists of Beneficiaries, Photos.	MoA	GOK/ World Bank	On-going
EAPP-Mwea,Gacho	3.8M	2013-2018	Amount of retrieved	Activity reports,	MoA	World Bank	On-going

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
ka ,Kiritiri divisions			cuttings, No. of secondary beneficiaries, Amount of cassava roots produced.	Lists of Beneficiaries, Photos.			
Market infrastructure in Kangaru and Kithimu markets	34,760,043	2013-2018	Market MOUs 2 Wholesale markets completed	Periodic Reports Site visits	MOA	IFAD & GOK(SHoMaP)	Ongoing
Access road rehabilitation in Nembure division	7,540,985	2013-2018	Constructed bridge	Periodic report Site visit	MOA	IFAD & GOK(SHoMaP)	Bridge complete
Promotion of Macadamia Value Chain in Manyatta and Runyenjes Constituencies	3,059,000	2013-2018	-Increased hectarage -Increased productivity -Payments to farmers -Streamlined marketing	-M & E visits, surveys interviews and reports	MOA	County Government	New
Cotton promotion in Mbeere South and Mbeere North (Gachoka and Siakago Constituencies)	147,400,000	2013-2018	-Increased hectarage -Increased productivity -Payments to farmers -Level of investors involvement -Streamlined marketing	-M & E visits, surveys interviews and reports	MOA	GOK	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Promotion of Sorghum for EABLtd Market (Gadam and other recommended white sorghums) Mbeere South and Mbeere North (Gachoka and Siakago Constituencies)	17.4M	2013-2018	-Increased hectarage -Increased productivity -Payments to farmers -Production and Market organization	-M & E visits, surveys interviews and reports - Production and marketing groups records	MOA	GOK	Ongoing
Banana Value Chain promotion in all the Sub Counties	24.75M	2013-2018	-Increased hectarage -Increased productivity -Production -Payments to farmers Value addition facilities -Production and Market organization	-M & E visits, surveys interviews and reports - Production and marketing groups records	MOA	GOK	Ongoing
Mango and Passion fruits value chains development (County wide)	11M	2013-2018	-Increased hectarage -Increased productivity -Production -Payments	-M & E visits, surveys interviews and reports	MOA	GOK	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			to farmers -Markets exploited -Production and Market organization	- Production and marketing groups records			
Establishment of cottage industries (Bananas in Manyatta sub county Green grams/Cow peas in Mbeere South and Mbeere North)	0.84M	2013-2018	-Value addition groups established -Cottage industries established -Utilization of established units -Incomes to farmers	-M & E Reports , - Quantities and value of value added products -Groups records	MOA	GOK	New
Construction of grain and fertilizer storage facility in Ugweri	80M	2013-2018	Store of 100,000 bag capacity, two tractor operated grain driers	M&E reports, stored grains and farm inputs	MOA	County government	New
Milk coolers in Manyatta and Runyenjes	200M	2013-2018	No of coolers installed	-M&E reports -Capacity building reports - Production/	MOA	GOK	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
				Productivity reports			
Meat processing plant	200M	2013-2018	Plant constructed	-M&E reports -Capacity building reports - Production/ Productivity reports	MOA	GOK	New
Construction of grain and fertilizer storage facility and milling plant-(Silos and milling plant)Kithimu	150M	2013-2018	Store of 100,000 bag capacity, two tractor operated grain driers	M&E reports, stored grains and farm inputs	MOA	County government	New
Emerging technology ;Green house technology- Promotion of horticultural production in Irrigation schemes in the county	12M	2013-2018	-Increased hectareage of target vegetable crops -Increased productivity and Production -Increased domestic and export market supplies -Quality improvement	-M & E visits, surveys interviews and reports - Production and marketing groups records -Traded volumes	MOA	County Government	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			-Production and Market organizations				
Conservation Agriculture	49M	2013-2018	4by158hp tractors, 27chisel ploughs and demo plots	Conservation equipments, demo plots farmer groups practising and M&E reports	MOA	County Government/ Donors	Ongoing No funds allocated in FY2013/2014
Establishment of an Agribusiness Centre	10M	2013-2018	-Number of ---value chains commercialized -Volumes traded -Quality of produce -Value of produce	-M&E reports - Management records and reports	MOA	County government	New
Government Subsidized fertilizers (County wide)	820M	2013-2018	-Volumes and types of subsidized fertilizers availed -Number of farmers reached -Increase in	-M&E reports - Distribution and production reports	MOA	GOK	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Funds	of	Implementation Status
			production / Productivity					
Completion of Karambari Earth dam, Karambari Location , Muminji Division , Mbeere North Constituency	5M	2013-2018	- Completion of the dam -Number of beneficiaries	-M&E and inspection reports -Capacity building reports - Production and utilization reports	MOA	GOK		Ongoing
Mitigation against Climate change County wide	30M	2013-2018	- Technologies disseminated -Adoption rates - Agroforestry efforts	-M&E reports -Capacity building reports	MOA	GOK		Ongoing
Develop and construct irrigation schemes- County Wide	100M	2013-2018	-Utilization of irrigation water -Irrigation water use technologies promotion and adoption -	-M&E reports -Capacity building reports - Production / Productivity reports	MOA	GOK		Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			Productivity				
Post- Harvest Management Project (ESP) Siakago Division, Mbeere south Constituency	36M	2013-2018	-Number of households storing grains in the facility -Quantities of grains stored -Relative prices at harvest and after storage -Change from individual to group marketing of grains	Survey, interviews, reports	MOA	GOK	ESIA completed, Construction works underway, CBO for management in place
Kangami Earth dam ,Mbeti South Location, Gachoka division.	2.5M	2013-2018	Dam in place, tree nursery & demonstration plots.	Activity reports, Completion certificate, photos.	MoA	GoK	Awaiting rains for tree nursery & demonstration plot.
Livestock production extension services County wide	20 M	2013-2018	-No. Of farmers trained -No. Of farmers field school	- Progressive reports - Invitation letters	County Director livestock production office	County government	ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			formed - Livestock productivity enhanced	-Photos			
Enhancement of milk production and marketing in Manyatta and Runyenjes sub county	130M	2013-2018	No. of processing and cooling plants constructed ; Quantity of milk value added; No. of pr	Reports on finance/ products; Completion on certificates; Invoices & deliveries	MOA	County government/ Private sector	Ongoing
Improvement of Indigenous Chicken County wide	20M	2013-2018	No. of indigenous chicken improved	Reports	MOA	County Government	Ongoing
Mainstreaming Sustainable Land Management in Agro pastoral systems of Kenya Mbeere North Sub County	75.3M	2013-2018	-Hectarage rehabilitated -FFS groups trained	-Reports -Photos -BTOR's Surveys	Livestock Production Department	GOK/ GEF/ UNDP	Ongoing
Agricultural Sector Development	18.6M	2013-2018	-Value chains developed	-Reports -Photos	Agricultural sector Ministries	GOK/ SIDA	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Sector Project County wide			-Modern technology adopted -No. Of trained groups -No. Of field days and exhibitions held -No. Of exchange tours				
Beekeeping Manyatta Sub County	0.12M	2013-2018	No. Of hives, amount of honey produced	Reports Meeting	MoALF	NMK (MoALF)	Ongoing
Dairy goat rearing Manyatta Sub County	0.12M	2013-2018	No. Of goats	Reports Meeting	MoALF	NMK (MoALF)	Ongoing
Beekeeping- Manyatta Sub County	135,000	2013-2018	No. Of hives	Reports Meeting	Livestock	APDK	Ongoing
Beekeeping- Manyatta Sub County	0.25M	2013-2018	No. Of hives	Reports Meetings	Livestock& ICIPE	ICIPE/IFAD	Ongoing
Dairy Goat Value chain Manyatta and Runyenjes	2M	2013-2018	Milk produced & sold	Reports	Kenya Agricultural Productivity and Agribusiness	GoK/ World Bank	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
sub county			Kids sold		Project Livestock production department and Service provider		
Milk production Manyatta Sub County	769,000	2013-2018	Amount of milk produced and sold	Reports	Livestock production department /Natural Resource Management	Natural Resource Management facility	Ongoing
Fish Farming Enterprise and Productivity Programme	46.8M	2013-2018	No. Of ponds Fingerlings stocked Feeds supplied	Reports	GOK Fisheries department	County Gov't	Ongoing
Trout Hatchery and Fish farm Manyatta sub county	40M	2013-2018	No. of hatcheries constructed	Reports	GOK Fisheries department	County Gov't	New
Mini Processor Fish plant Runyenjes sub-county	70M	2013-2018	No. of processing plants constructed	Reports	GOK Fisheries department	County Gov't	New
Fish demonstration farm and seed Bulking Unit sub-Manyatta subcounty	15M	2013-2018	No. of Fish demonstration farms done	Reports	GOK Fisheries department	County Gov't	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Fish Auction Centers cold storage facilities Embu, Kiritiri, Siakago and Runyenjes markets	60M	2013-2018	No. of Auction centres constructed	Reports	GOK Fisheries department	County Govt	New
Fish cold storage facility - Ngiiri market at Mbeere North sub-county -Riakanau market at Mbeere South sub-county	30M	2013-2018	- Construction of Center and installation of cold installation of cold storage equipment in accordance with Fish Assurance Departments standards	Report completion certificate	County government	County government	New
Completion of Embu-Kithimu-Siakago-Gachoka water project	86,518,224M	2013-2018	Households and area covered	Report completion certificate	County government	County government	New
Construction and rehabilitation of slaughter houses	30M	2013-2018	No. of animals slaughtered, Completion certificate	improved revenue collected report	County government	County government	New
Agricultural	21,500,906M	2013-	No. of	Report	County	County	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
extension services support		2014	farmers visited and sensitized		government	government	
Slaughter houses rehabilitation	3M	2013-2014	No of animals slaughtered, Completion certificate	improved revenue collected report	County government	County government	New
Livestock yards	5M	2013-2014	No of yards	Improved revenue collection Reports	County government	County government	New
Water and Irrigation	5.5M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Beautification of towns	3M	2013-2014	Area covered	Periodic reports	County government	County government	New
Development and protection of water springs	2M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Construction of Ishiara slaughter house	5M	2013-2014	One slaughter house	Improved revenue collection report	County government	County government	New
Construction of Kiritiri slaughter slab	3.5M	2013-2014	One slaughter house	Improved revenue collection report	County government	County government	New
Spatial plans	5M	2013-2014	One	Plans completed	County government	County government	New
Physical planning and survey	6M	2013-2014	One	Survey completed	County government	County government	New
Renovation of Kathuriri	0.5M	2013-2014	One tea centre	Report of tea leaves	County government	County government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
tea buying centre				delivered			
Construction of milk cooler at Gatumbi	5M	2013-2014	Quantity of milk collected	Reports on milk collected	County government	County government	New
Desilting of Itiira Kanjikeru dams	1.5M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Desilting of Karimari dam	1.5M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Desilting of Rukiriri dam	1M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Desilting of Kiuguri va Kiangu dam	0.75M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Scooping and destilation of earth dams at Mavuria	2.3M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Rehabilitation of water harvesting plants in Ciambingo &Kavaira	0.5M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Runga irrigation project pipes	4.7M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Mbeti water Project(Gachuriri sub-location)	1M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Construction	2M	2013-	Quantities	Reports	County	County	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
of Mbonziki cereal board welfare house		2014	of cereals store, relative prices after harvest and storage	of cereals delivered	government	government	
Karimari-Kevote-Kamavindi-Mbuvori-Kavari Water pipes	0.3M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Muvandori-Mukundu-Mutuandu-Kieni water pipes	0.3M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Provision of water pipes for Gichangi-Kiangucu-Ngerwe projects	0.4M	2013-2014	Households and area covered	Periodic reports	County government	County government	New
Completion of Karurumo water project	0.6M	2013-2014	Households and area covered	Report	County government	County government	New
Completion of Ndaiyu-Kambaru-water project	0.5M	2013-2014	Households and area covered	Report	County government	County government	New
Completion of Gikuyari-Kamugu water project	0.5M	2013-2014	Households and area covered	Report	County government	County government	New
Desilting of Rwagire dam	0.5M	2013-2014	Households and area covered	Report	County government	County government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Desilting of Mariari dam	0.5M	2013-2014	Households and area covered	Report	County government	County government	New
Drilling of borehole at Ntharawe	0.25M	2013-2014	Households and area covered	Report	County government	County government	New
Purchase of pipes for Itabua-Muthatari water project	2M	2013-2014	No of pipes purchased	Reports	County government	County government	New
Construction of Iriari Gaconi Dam	0.75M	2013-2014	Households and area covered	Reports completion certificates	County government	County government	New
Banana processing project-Kyeni North	1M	2013-2014	Quantity of bananas delivered, Other products from the bananas	Reports	County government	County government	New
Fencing of Iriamui dam	0.3M	2013-2014	Households and area covered	Report	County government	County government	New
Construction of Kithecu borehole	0.2M	2013-2014	Households and area covered	Reports and completion certificates	County government	County government	New
Destilation of Mburutani earth dams	0.2M	2013-2014	Households and area covered	Report	County government	County government	New
Construction of Ndune borehole	0.1M	2013-2014	Households and area covered	Report	County government	County government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Refurbishment of gacabari borehole	0.5M	2013-2014	Households and area covered	Report	County government	County government	New
Reburbishment of Kiambere H.C borehole	0.25M	2013-2014	Households and area covered	Report	County government	County government	New
Reburbishment of Karura borehole	0.25M	2013-2014	Households and area covered	Report	County government	County government	New
Scooping and destilation of Ntharawe earth dam	0.5M	2013-2014	Households and area covered	Report	County government	County government	New
Scooping and destilation of Muramba Mubuthu earth dam	0.5M	2013-2014	Households and area covered	Report	County government	County government	New
Reburbishment of Ndithiri borehole	0.25M	2013-2014	Households and area covered	Report	County government	County government	New
IRRIGATION							
Kanthitu	20 M	2013-2018	Number of farms with water	- Transport ,funds and personnel	GOK	GOK	Weir done
Iriari	50 M	2013-2018	Number of farms with water	- Transport , funds and personnel	GOK	GOK	Weir done
Gaturi Kagaari &	1 B	2013-	Number of farms with	- Transport	NIB	NIB	Laying of

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kyeni		2018	water	, funds and personnel			pipes
Kibugu Nguvu	25 M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	On going
Runga	80M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	On going
Itabua Muthatari	120M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	On going
Gichangai	10 M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	On going

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kii kithiiria	5 M	2013-2018	-No of Ha under irrigation No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	Ongoing
Kanga	30 M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	New
Njukiri – Nthambo	21 M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	New
Kithimu / Kithegi	240M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	County government	New
New Kithimu Irrigation water project	200M	2013-2018	-No of Ha under irrigation - No of households	- Transport, funds and personnel	GOK	GOK	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			with irrigation water				
Ngerwe	10 M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	Ongoing
Rutune Kuramuka	14 M	2013-2018	-No of Ha under irrigation No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	Ongoing
Kithegi lower	15 M	2013-2018	-No of Ha under irrigation - No of households with irrigation water	- Transport, funds and personnel	GOK	GOK	Ongoing
Mikui Irrigation Project	80 M	2013-2018	Infrastructure in place - Number of acres under irrigation	- Reports - Photos - Interviews - Field visits	GOK	GOK/community	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Mashamba Irrigation project	200M	2013-2018	Infrastructure in place - Number of acres under irrigation	- Field visits	GOK	GOK/community	Ongoing
Karura Irrigation Project	300M	2013-2018	- Drip system working - No of acres under irrigation	- Field visits	GOK	GOK/community	Ongoing
Mikui drip system irrigation project	20 M	2013-2018	- Pump house in place - Pipe line and tank in place - No of farmers irrigating	- Field visits	GOK	GOK/Community	Ongoing
Murachake irrigation scheme	78 M	2013-2018	- Infrastructure in place. - No of acre under irrigation	- Reports - Photos - Interviews	JICA/GOK	JICA/community/GOK	Ongoing
Kiambindu irrigation project	20 M	2013-2018	- Infrastructure in place.	- Field visits	GOK	GOK/community	Ongoing
Kathiga	0.6 M	2013-	- No of	- Field	GOK	GOK/	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Gacheru irrigation project		2018	acre under irrigation	visits		community	
Kanyuambora irrigation project	60 M	2013-2018	- Infrastructure in place.	- Field visits	GOK	GOK/ community	Ongoing
Kamarandi irrigation project	70 M	2013-2018	- No of acre under irrigation	- Field visits	GOK	GOK/ community	Ongoing
Rupingazi-Weru Irrigation scheme	250M	2013-2018	- No of acre under irrigation	- Field visits	GOK	GOK/ community	Ongoing
Establishment of irrigation schemes	800M	2013-2018	- No of acre under irrigation	- Field visits	Department of Lands	County government	Ongoing

8.2.2 Investment and Industrialization Sector

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Establishment of agribusiness processing industries in Njukiri SME Park	800M	2013-2018	-Improved access roads -Designs - Construction of sheds -Output	Project appraisals by project manager Technical backstopping Reports	-Dept. of Investment and Industrialization -Private Investors	-County Government -Private Investors	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Development of Industrial Park at Machang'a	1.9B	2013-2018	-Improved access roads -Physical Planning -Surveying -Designs	-Project Appraisal -Reports -Photos	-Dept. of Investment and Industrialization -Private Investors -Infrastructure Department	-The County Government -Private Investors	New
Macadamia Value addition plant Manyatta sub county	250M	2013-2018	-Ready markets -Delivery of the Nuts	Reports, designs, photos	-Dept. of Investment and Industrialization -Farmers -Other Investor	County government	New
Establishment of value addition plant	500M	2013-2018	-Ready markets -Delivery of the Nuts	Reports, designs, photos	-Dept. of Investment and Industrialization -Farmers -Other Investor	-County government	New
Coffee and Tea value addition County wide	250M	2013-2018	- Installation of the Machine -Signing up of the Societies for milling -output in Kgs	Reports, Meeting,	-Dept. of Investment and Industrialization -Department for Agriculture	-County Government -Coffee Societies	New
Poultry processing plant	20M	2013-2018	- Construction of Industry -Adherence to	Activity reports and photos.	-Dept. of Investment and Industrialization -Ministry of Agriculture	-County Government -Investor	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			Environmental policies Output in Kgs				
KIE Business Incubation Centre	100M	2013-2018	-Design of the premises - Equipment of the Premises -Pool of funds for Seed capital -Number of businesses developed and sustained	Survey, interviews, reports, trainings, list of trainees	-Dept. of Investment and Industrialization -Youth, Women and Sports Department	-County Government - Investors -Donors -KIE	New
Milk Coolers in Manyatta and Kibugu	25M	2013-2018	- Installation of Machine -Uptake of Milk	-M & E visits, surveys interviews and reports	-Dept. of Investment and Industrialization -Farmers -Investor to be Identified	-County Government -Dairy Farmers -Investor yet to be identified	ongoing
Mango processing at Karurumo,	100M	2013-2018	- Installation of the facility -farmer participation	Project appraisals by project manager Technical backstopping Reports	-Dept. of Investment and Industrialization -Mango Farmers -Private Investor	-County Government -Private Investor	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			-Output sold				
Bamboo	200M	2013-2018	-Area under cultivation - Installation of the Machine -Output in production	-M & E visits, surveys interviews and reports	-Dept. of Investment and Industrialization -Investor to be identified	-County Government -Investor to be identified	New
Gem Stone polishing-county wide	10M	2013-2018	-Mapping of the areas -Volume of extracted Minerals -Economic Value in Kshs	-M & E visits, surveys interviews and reports	-Dept. of Investment and Industrialization -Investor to be identified	-County Government -Investor	New
Textile industry in Mbeere North Sub-County	250M	2013-2018	-Output -Ready markets	Reports, designs, photos	-Dept. of Investment and Industrialization -Dept. of Infrastructure	-County Government -Private Investor	New
Honey Processing	20M	2013-2018	-Output	Reports, designs, photos	Dept. of Investment and Industrialization -Dept. of Agriculture	-County Government -Private Investors	New
County Investment Co-operative	1M	2013-2018	- mobilization of the investors - establishment of the	-Periodic Reports -Site visits -Co-op registration	--Dept. of Investment and Industrialization -Department of Agriculture, Co-operative	-County Government - Investors from the county	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			investment board - mobilization of funds - Investments done				
Capacity Development Centre	5M	2013-2018	- Equipment -Training Materials -Delivery if Trainings -Numbers trained	-List of participants -Training report - Photographs	-Dept. of Investment and Industrialization	County Government	New
Banana processing industry Manyatta Sub-County	50M	2013-2018	- community Sensitization -formation of Co-operative for producers - Establishment of the processing plant	Photos, meetings, Reports	-Department of Investment and Industrialization -Department of Agriculture	-County Government -Investor to be identified -Farming Community	New
Bio-gas plant	20M	2013-2018	-Health concerns -Economy of the plant -Number	-M & E visits, surveys and reports	-Dept. of Investment and Industrialization	County Government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			of beneficiaries				
Stone Dressing in Nganduri	50M	2013-2018	Environmental policy Adherence -Increase of output -Economic value	Activity reports, Lists of Beneficiaries, Photos.	-Dept. of Investment and Industrialization -Dept of Agriculture	-County Government	New
Construction of County Industrial Development Centres	10M	2013-2018	No. of Industrial Development Centres constructed	Reports & Completion certificate	-Dept. of Investment and Industrialization	GOK/ County Government	Ongoing
Development of Ranches in the county	8M	2013-2018	No. of ranches	Reports	-Dept. of Investment and Industrialization	County Government	
Runyenjes Bakery	20M	2013-2018	No. of functional bakeries -No. of vehicles procured	Reports, deliveries & Sales reports	-Dept. of Investment and Industrialization / Private sector	County Government	New

8.2.3 Infrastructure, Public Works and Housing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
ROADS							
Embu Air Strip	400M	2013-2018	No of Kms fenced and Kms of runway maintained	Progress Report & Physical Inspection	DWO (Works)	GoK	Ongoing.
Rural Electrification Programme	500M	2013-2018	No. of connections connected	Reports	MoE, KPLC	GoK	Ongoing
Roads Maintenance and Improvement	35M	2013-2018	No. of Kms maintained.	Progress; reports Site visit;	KERRA, KURRA & county government	GoK,	Ongoing
Roads spot improvement	500M	2013-2018	No. of Kms maintained.	Progress; reports Site visit	KERRA, KURRA & county government	GoK,	Ongoing
Refurbishment of GoK Residential Houses	75M	2013-2018	% of work completed	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastructure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Appropriate Bldg Technology(A. B.T.) Centres	5M	2013-2018	% of work completed	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastructure Dept	County Govt	Proposed
Civil Servants Housing Scheme	350M	2013-2018	- No. of houses Completed.	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastructure Dept	County Govt	Proposed
Slum Upgrading Programme	40M	2013-2018	- No. of houses upgraded	- Payment Vouchers -Site Meetings Minutes	County Infrastructure Dept	County Govt	Proposed
Housing Infrastructure Development	40M	2013-2018	- No. of houses Completed.	- Payment Vouchers -Site Meetings Minutes	County Infrastructure Dept	County Govt	Proposed
Energy Generation	900M	2013-2018	No of plants completed	- Payment Vouchers -Site Meetings Minutes	County Infrastructure Dept	County Govt	Proposed
Street lighting in the County	200M	2013-2018	No of streets	Payment Vouchers -Site Meetings Minutes	County Infrastructure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
ICT Infrastructure in the county	150m	2013-2018	No of Sub counties	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastructure Dept	County Govt	Proposed
Parking slots in the county	50M	2013-2018	No of Parking slots	- Payment Vouchers -Site Meetings Minutes	County Infrastructure Dept	County Govt	Proposed
Tarmacking of Runyenjes town streets	5M	2013-2014	No.of Kms tarmaked	Progress; Reports, Site visit	County Infrastructure Dept	County Govt	Proposed
Opening of Runyenjes central access roads	1.1M	2013-2014	No of Kms covered	Progress; reports Site visit	County Infrastructure Dept	County Govt	Proposed
Construction of Thuchi river bridge	0.5M	2013-2014	No of Kms covered	Progress; reports Site visit	County Infrastructure Dept	County Govt	Proposed
Rehabilitation of Kyeni north access road	2.5M	2013-2014	No of Kms covered	Progress; Reports, Site visit	County Infrastructure Dept	County Govt	Proposed
Initial Infrastructure Kiaragana community library	1M	2013-2014	Scope of work done	Progress; reports ,Site visit	County Infrastructure Dept	County Govt	Proposed
Opening of Kathanje Mianjatiri road	2M	2013-2014	No of Kms opened	Progress; reports ,Site visit	County Infrastructure Dept	County Govt	Proposed
Improvement of Makaru road	1M	2013-2014	No of Kms improved	Progress;	County	County	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				Reports, Site visit	Infrastrure Dept	Govt	
Improvement of Ngiiri-Gatothia Kavui rd	1M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation Of Culvert Nguthi-Kirie rd	0.5M	2013-2014	No of culverts installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of Nguthi-Matheka rd	1.5M	2013-2014	No of Kms constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation Of Culvert bridge Irengye river	0.5M	2013-2014	No of culverts installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Grading of Kandomba rd	0.2M	2013-2014	No of Kms constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kagaari South access rd	9M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ngimari-Kamviu Rd	3M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of Karuriri-Ndagari brigde	2.7M	2013-2014	No of Kms constructed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kigari-Gaciari Rd	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kapingazi-Karururu	0.35M	2013-2014	No of Kms improved	Progress; Reports, Site	County Infrastrure	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				visit	Dept		
Improvement of Karururi-Mwara	0.3M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Kibugua-Kamama-Gikirima rd	2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Rehabilitation of Mavuria ward access rds	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Uchumi-shauri Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Uchumi-Kiambuthi Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit;	County Infrastrure Dept	County Govt	Proposed
Improvement of Kenya Power-Bondeni	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kathangari Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Njukiri Rd	0.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kiambuthi-Ngariama Rd	0.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Dallas Estate	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Installation of high Mast Flood Light-Blue Valley Estate	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Majengo Estate	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Shauri Slums	0.5M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Kangaru Village	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Kathangari Estate	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high transformer-Kathita slum	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gichugu to Kiaragana Location Rd	2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gitongoro Rd	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kathiakari - Gichugu road	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement		2013-	No of Kms	Progress;	County	County	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
of Makutano-Ikungunguru rd	0.5M	2014	improved	Reports, Site visit	Infrastrure Dept	Govt	
Improvement of Muthagere Rd	0.5M	2013-2014	No of Kms improved	Progress; Reports,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kavutiri-Kiethetu to Kabuge Rd and grading	0.8M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gaturumbari-Kianjuki rd	0.8M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Muchagori-Gachengi rd	0.6M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Improvement of Karumba-Karitiri Rd	0.3M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	
Improvement of Gituri-Kathiiri Rd	0.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Improvement of Makengi-Mutira rd	0.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Improvement of Gichagi-Makengi Rd	0.3M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Improvement of Kamugere-St Joseph-Kevote Rd	0.8M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	
Improvement of Gatitu-Zoo-	0.6M	2013-2014	No of Kms improved	Progress; Reports, Site	County Infrastrure	County	

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Gachichore Rd				visit	Dept	Govt	
Improvement of Karue-Maitha Rd	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Murraming and drainage of Kianjokoma catholic-Irangi/Mugui Mbui Njeru Rd	2M	2013-2014	No of Kms improved	Progress; reports Site visit	County Infrastrure Dept	County Govt	
Grading and murraming of Kamugere-kirimiri-Mukuuri Rd	0.6M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Grading and murraming of Kasafari-Kiathari-Kanja Hospital Rd	0.8M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	
Grading and murraming of Kiandogo Rd	0.3M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Grading and drainage of Mwaugo-Kaimaro-Mukuri Rd	0.9M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Grading and murraming of Nderi magigita-Kathuari-Mbogori Rd	0.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improving and murraming of Karimui-Dari-Kamuigu Rd	0.9M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Grading of		2013-	No of Kms	Progress;	County	County	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Muthenge luna factory Rd	0.4M	2014	improved	reports ,Site visit	Infrastrure Dept	Govt	
Grading of Mbui Njeru Nicia-Kithura Naftari Rd	0.4M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Grading of Ndamuenge-Garika Rd	0.3M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Grading of Thaa-Duri Rd	0.4M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Grading and murraming of Duri market Ricuijagi Rd	0.9M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kangaara-Kiangondi access Rd	2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Njeru Mwea-Gatumu Igumo Rd	2M	2013-2014	No of Kms improved	Progress Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kithegi-Kiandundu-Gikingiri Rd	2.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ishiara-Gwakaithi-Kiamacaki barrier Rd	0.2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kwa Isabella-Muthatara-Muiru Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Improvement of Muthatara-Nthigirana tarmac Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ciathari-Njarenge-Kamutu-Kwamikiria-Sinai-Mbaci Rd	2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ishiara Police-Mbaraga Primary-Kanyueri - Tarmac	1M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kanyuambora-Ciathia-Kanyangi-Kathiga gaceru-Karerema Rd	2M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of Mbaraga and Kanthii drifts	1M	2013-2014	No of Kms constructed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of Gitaraka police base report office	1.5M	2013-2014	No of Kms constructed	Progress; reports Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of Karaba police lines	1M	2013-2014	No of Kms constructed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kangethia-Kiandome-Nguviu Rd	0.7M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement	0.4M	2013-	No of Kms	Progress;	County	County	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
of Kiungu-Rutune-Gatema njigi R		2014	improved	Reports, Site visit	Infrastrure Dept	Govt	
Improvement of Gatiiguru-Karuari-Ngerwe Rd	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Nyanjara(Kwa Gichatha) Rd	0.9M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Nembure sub location Roads 10 Km and Culverts	2.7M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ena sub location roads 6 Km and Culverts	2.6M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gatunduri sub location roads 5Km and Culverts	2.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Drainage of flash toilet/Fencing Karingari Market	0.5M	2013-2014	Scope of drainage and fencing works	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Drainage of flash toilet/Fencing Karurina Market	0.5M	2013-2014	Scope of drainage and fencing works	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kagumori-Kamavindi-Ngambari – Kithithe-	1.6M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Gisonge Rd							
Improvement of Thau-Nyagari-Kathanjiri-Kathera-Gakwegori Rd	1.5M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kamwithi-Gacagori-Kiambua-Gaita-Kwa Mbugua Rd	1.4M	2013-2014	No of Kms improved	Progress; Reports,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gaitutu-Kavai-Iriviro-Kasafari Rd	1.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of karurumo-Kaveti-Kathunguri Rd	1.5M	2013-2014	No of Kms improved	Progress; reports Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kiboi's Murari Rd	1.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ngurukiri-Kirindiri-Kivuria Rd	1M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gacengeci-Gakuu-Mukuria Rd	1.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Fencing and electrification of Karurumo police post	0.3M	2013-2014	No of Kms improved	Progress; Report, Site visit	County Infrastrure Dept	County Govt	Proposed
Rehabilitation of Gatituri Primary school Rd	0.3M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Rehabilitation of Gichegere-Karatha-Kathuri wa Mbembe Rd	0.3M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Mukunju-John wa Migate Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Land acquisition for Kimandu-Ithara(Kathuru)Road	1M	2013-2014	Acreage of land	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Cereals (kwa ndogo)-Kapingazi Rd	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Gatondo(Mukuuri)Swampy area	0.1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Kangurungu Culvert Installation	0.1M	2013-2014	No of culverts installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Kimangaru Ithata Junction Culvert installation	0.1M	2013-2014	No of culverts installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Thura-Kariari-Kavari Rd	0.75M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kwa andu a Mbogo-Giiburi Makunguru Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Siakago	3M	2013-2014	No of Kms improved	Progress; reports Site	County Infrastrure	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
town- Mathai to Kabachi Rd				visit	Dept		
Improvement of Rukira to Magacha-Kune Rd	2M	2013-2014	No of Kms improved	Progress Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Siakago Town roads	0.95M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ciambuğu to Gatituri Rd	1.5M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kitoloni-Mburutani Rd	1M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Mastermind to Mungao Pry sch Rd	1.5M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Kabugua-Kamama-Gikirima road	1.95M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Grading of Mariari-Mubuthu Rd	0.6M	2013-2014	No of Kms improved	Progress; reports ,Site visit;	County Infrastrure Dept	County Govt	Proposed
Improving and murraming of Kiathari-Kanja road	0.8M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improving and murraming of Kiamigumo-Kirimiri road	0.8M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improving and murraming of Kariari-Kiamigumo	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
road							
Construction of Kiathiari-Munyuthe foot bridge	0.4M	2013-2014	No of Kms constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Purchase of culverts for various river crossings	0.4M	2013-2014	No of culverts purchased	Progress reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-gaturi North-Kianjokoma TBC/Gichagi	0.2M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Muchagori	0.2M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Kavutiri	0.2M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Makengi	0.2M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Kevote	0.2M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Kavutiri	0.2M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Purchase of land of Nduva-Kangaara access rd	1.8M	2013-2014	Acreage of land purchased	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Purchase of	0.9M	2013-	Acreage of	Progress;	County	County	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Land and improvement of Ndatu-St allamano primary Rd		2014	land purchased	reports ,Site visit	Infrastrure Dept	Govt	
Improvement of Mivukori-Ngungi Access Rd	0.9M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Mwundu-Kangaru Access Rd	2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Junction-Kitoloni Rd	1M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Makima to Mwanzo to Mbondoni Rd	1.7M	2013-2014	No of Kms improved	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Mutunduri market	0.5M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Sunrise market	0.5M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Gerish market	0.5M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Karurina market	0.5M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast		2013-2014	No of lights	Progress; reports ,Site	County Infrastrure	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Flood Light-Majimbo Slaughter	0.5M		installed	visit	Dept		
Installation of high Mast Flood Light-Kimangaru market	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Gatunduri market	0.5M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of high Mast Flood Light-Iveche estate	0.5M	2013-2014	No of lights installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of Transformer-Gichengeri	0.3M	2013-2014	Transformer installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of Transformer-Iveche	0.3M	2013-2014	Transformer installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of Transformer-Njumbiri	0.15M	2013-2014	Transformer installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of culvert Karurina stage	0.1M	2013-2014	No of culverts installed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Roads improvement	2M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Improvement of Ikurungu to Kavari road	0.4M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Grading of	0.5M	2013-	No of Kms	Progress;	County	County	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Kiambere-Mutuobare Rd		2014	improved	Reports, Site visit	Infrastrure Dept	Govt	
Grading of Karura-Rutumbi Rd	0.8M	2013-2014	No of Kms improved	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of a drift at Gwagakunju-Kiambere Kiritiri Rd	0.4M	2013-2014	Drift constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of mboce brigde	4M	2013-2014	Bridge constructed and completion certificate	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of County office complex and extension of office	1M	2013-2014	Office constructed and completion certificate	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of Governor's residence	1M	2013-2014	Residence constructed and completion certificate	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of bridges and foot brigdes	10M	2013-2014	No of bridges constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of County roads	51M	2013-2014	No of Kms constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Construction of access roads	2M	2013-2014	No of Kms constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Tarmaking of Dallas road	15M	2013-2014	No of Kms tarmaked	Progress; Reports, Site	County Infrastrure	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				visit	Dept		
Tarmacing County wide	13.5B	2013-2018	No of Kms tarmaked	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Roads ,bridges and drifts rehabilitation	2B	2013-2018	No of Kms No of Bridges and drifts done	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Installation of street lighting/flood mast in Runyenjes market	2M	2013-2014	No of lights installed	Progress; reports ,Site visit	County Infrastrure Dept	County Govt	Proposed
Acquisition of four(4) graders	100M	2013-2014	No of graders acquired	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
Acquisition of mechanical shovel	20M	2013-2014	No of shovels acquired	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
PUBLIC WORKS							
Renovation and extension the Town Hall and Perimeter Fence	50 M	2013-2017	- No. of windows replaced	- Payment Vouchers -Site Meetings Minutes -weekly reports -Completion Certificate	County Infrastructu re Dept	County Govt	- Proposed
Construction of His Excellency's Official	30 M	2013-2017	- No. of windows replaced	- Payment Vouchers -Site Meetings	County Infrastrure Dept	County Govt	- Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
residential House				Minutes -Completion Certificate			
Construction of New Embu Bus Park & Tarmacking of Embu main Bus Park	100 M	2013-2017	- No. of windows replaced	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastrure Dept	County Govt	- Proposed
Construction of New Embu Parking Bays	50 M	2013-2017	- No. of bays	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastrure Dept	County Govt	Proposed
Construction of County Assembly office complex	2M	2013-2014	Completion certificate and office constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
County ICT	10.7M	2013-2014	Completion certificate and office constructed	Progress; Reports, Site visit	County Infrastrure Dept	County Govt	Proposed
HOUSING							
Refurbishment of GoK Residential Houses	75m (Should focus new house	2013-2017	- No. of houses	- Payment Vouchers -Site Meetings Minutes -Completion	County Infrastrure Dept	County Govt	Proposed

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
	s)			Certificate			
Appropriate Bldg Technology(A. B.T)	5M	2013-2017	- No. of windows replaced	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastrure Dept	County Govt	Proposed
Civil Servants Housing Scheme	350M	2013-2017	- No. of houses	- Payment Vouchers -Site Meetings Minutes -Completion Certificate	County Infrastrure Dept	County Govt	Proposed
Slum Upgrading Programme	40M	2013-2017	- No. of houses upgraded	- Payment Vouchers -Site Meetings Minutes	County Infrastrure Dept	County Govt	Proposed
Housing Infrastructure Development (PPP)	40M	2013-2017	- No. of houses	- Payment Vouchers -Site Meetings Minutes	County Infrastrure Dept	County Govt	Proposed

8.2.4 Lands, Water, Environment and Natural Resources

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Kigaa domestic water supply	6 M	2013-2018	Households; Area covered	Periodical reports	DWO Community	- County Govt - CDF	Ongoing
Kyeni domestic water supply	5 M	2013-2018	Households; Area Covered	Periodical reports	DWO General Manager	- County Govt - CDF	Ongoing
Ndamunge domestic water supply	4 M	2013-2018	Households; Area covered	Periodical reports	DWO Community	- County Govt - CDF	Ongoing
Ngagaka domestic water supply	8 M	2013-2018	Households Area covered	Periodical reports	DWO General Manager	- County Govt - CDF	Ongoing
Kithunguthia domestic water supply	3 M	2013-2018	Households Area covered	Periodical reports	DWO Community	- County Govt - CDF	Ongoing
Kararitiri domestic water supply	2 M	2013-2018	Households Are covered	Periodical reports	DWO Community	- County Govt - CDF	Ongoing
Kithimu-Kithegi Water Supply	10 M	2013-2018	Households Area covered	Periodic reports	DWO Community	- County Govt - CDF	Ongoing
Embu Sewerage Works	20 M	2013-2018	Number of kilometres of sewer lines	Periodic reports	DWO General Manager	- County Govt – CDF	Ongoing
Embu Water and Sanitation Company (EWASCO)	25 M	2013-2018	Households Area Covered	Periodic reports	DWO General Manager	- County Govt - CDF	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Itabua Muthatari Water project	35 M	2013-2018	Households Area Covered	Periodic reports	DWO General Manager	- County Govt - CDF	Ongoing
Karimari Rutune Water project	20 M	2013-2018	- Household - Area covered	Periodic reporting	- District Water Officer - Community	- County Govt - CDF - Community contribution	Ongoing
Ngandori Nginda Water Consumers Association	35.2 M	2013-2018	- Household - Area covered	Periodic reporting	- District Water Officer - General Manager	- County Govt - CDF	Ongoing
Kararitiri Joint Water project	50.6 M	2013-2018	- Household - Area covered	Periodic reporting	- District Water Officer - Community	- County Govt - CDF - Community contribution	Ongoing
Ngagaka Water and Sanitation Company	25 M	2013-2018	- Household - Area covered	Periodic reporting	- District Water Officer - General Manager	- County Govt - CDF	Ongoing
Muchonoke / Kanothi	15M	2013-2018	- Households - Area	Periodic reports	DWO	County Govt	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
			covered				
Borehole rehabilitation	4.8M	2013-2018	- Households - Area covered	Periodic reports	TSWB	County Govt	Ongoing
Kiambi Water Pipeline	0.53 M	2013-2018	- Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Karuriri dam	0.5 M	2013-2018	- Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Makutano Bore Hole	0.1 M	2013-2018	- Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Rehabilitation & Augmentation Ena/Siakago Water scheme	40 M	2013-2018	Household Area covered Increase in revenue	Periodic reporting	District Water Officer Community	County Govt CDF Community contribution Development agencies /partners	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Ishara water scheme	25. M	2013-2018	Household Area covered Increase in revenue	Periodic reporting	District Water Officer General Manager	County Govt CDF Community contribution Development agencies /partners	Ongoing
Kanyuambora water project	30 M	2013-2018	Household Area covered Increase in revenue	Periodic reporting	District Water Officer Community Water service provider Development agency/P partners	GOK CDF Community contribution Development agencies /partners	Ongoing
Ubarire	5.5 M	2013-2018	Household Area covered Increase in revenue	Periodic reporting	District Water Officer Community	CDF Community contribution Development agencies /	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
						partners	
Riandu-Ciambu- Kathitu- Mwundu	2.5 M	2013-2018	Household Area covered Increase in revenue	Periodic reporting	District Water Officer General Manager	GoK Development agencies / partners Water Services Board	New
Runyenjes Township Sewerage treatment works	2B	2013-2018	No. of maturation ponds constructed; No. of Mtrs fenced	Reports; Completion certificates; deliveries	Ministry of Lands	County Government/ Development partners	New
Boreholes & shallow wells	20M	2013-2018	No. of boreholes/ shallow wells rehabilitated	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Makima water project	50M	2013-2018	Household Area covered Increase in revenue	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	New
Gachoka/ Gachuriri domestic water supply	5M	2013-2018	Household Area covered Increase in revenue	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Ndaiyu water project consumers association	20M	2013 -2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Kageere domestic water project	25M	2013-2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Improvement of Siakago township water supply	150M	2013-2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Muthatari-Muchonoke-Kathanje	80M	2013-2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Procurement of 10 refuse trucks	100M	2013-2018	No. of refuse trucks procured	Payment Vouchers	Department of Health	County Government	New
Construction of 60 refuse chambers	12M	2013-2018	No. of refuse chambers constructed	Payment Vouchers	Department of Health	County Government	New
Purchase of cemetery land	100M	2013-2018	No. of acres of purchased	Payment Vouchers	Department of Health	County Government	New
Purchase of waste disposal land	50M	2013-2018	No. of acres of purchased	Payment Vouchers	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Acquisition of land for public use	200M	2013-2018	No. of acres of purchased	Payment Vouchers	Department of Health	County Government	New
Completion of Embu, Kithimu, Gachoka, Siakago water project	300M	2013-2018	No. of pipes laid and no. of km of distribution lines; No of break pressure tanks constructed	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Mbeti water project	60M	2013-2018	No. of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Karimari-Kevote-Kamavindi-Mbuvori and Kavari water project	40M	2013-2018	No. of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Muvandori-Mukonoku-Mutuandu-Kyeni water project	60M	2013-2018	No. of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Provision of water pipes for Gicangai-Kiangucu-Ngerwe water project	70M	2013-2018	No. of pipes laid and no. of km of distribution lines; No of break pressure tanks	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
			constructed				
Completion of Karurumo water project	15M	2013-2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Completion of Ndaiyo water project	15M	2013-2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Completion of Gikuyari-Kamugu water project	10M	2013-2018	No.of pipes laid and no. of km of distribution lines	Reports; Completion certificates; deliveries	Ministry of Lands	County Government	Ongoing
Drilling of boreholes at Ntharawe	5M	2013-2018	- Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Construction of Kithecu borehole	2M	2013-2018	-Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Construction of Ndune borehole	2.5M	2013-2018	Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Rerfubishment of Gacabari borehole	2M	2013-2018	-Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Rerfubishment of Kiambere health centre	2M	2013-2018	-Households - Area covered	Periodic reports	DWO	County Govt	Ongoing

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
borehole							
Refurbishment of Karura borehole	2.5M	2013-2018	-Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Refurbishment of Ndithiri borehole	2M	2013-2018	-Households - Area covered	Periodic reports	DWO	County Govt	Ongoing
Rehabilitation of Ciambingo and Kavairi water harvesting plant	0.5M	2013-2018	No. of Kms of pipeline layed	Periodic reports	DWO	County Govt	Ongoing
Construction of domestic water schemes	1B	2013-2018	No. of water schemes constructed	Periodic reports	Ministry of Lands	County Govt	New
Construction of earth dams	200M	2013-2018	No. of earth dams constructed	Periodic reports	Ministry of Lands	County Govt	New
Development and protection of water springs	40M	2013-2018	No. of water springs protected; No. of draw points constructed	Periodic reports	Ministry of Lands	County Govt	New
Prepare Environment Management Plans for sand harvesting, quarrying and	7.5M	2013-2018	No. of Environment Management Plans prepared	Periodic reports	Ministry of Lands	County Govt	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
other mining activities.							
Rehabilitation of disused Quarries Mines in the County	60M	2013-2018	No. disused quarries rehabilitated	Periodic reports	Ministry of Lands	County Govt	New
Kamumu dam	11B	2013-2018	No. of people benefitting; No. of acreage irrigated	Periodic reports	Ministry of Lands	County Govt/ Development partners	New
Thuci dam Kyeni North	5.5B	2013-2018	No. of people benefitting; No. of acreage irrigated	Periodic reports	Ministry of Lands	County Govt/ Development partners	New
Rupingazi dam	4B	2013-2018	No. of people benefitting; No. of acreage irrigated	Periodic reports	Ministry of Lands	County Govt/ Development partners	New
Thiba dam	5B	2013-2018	No. of people benefitting; No. of acreage	Periodic reports	Ministry of Lands	County Govt/ Development partners	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
			irrigated				
Mirundi Kirurumwe water project	15M	2013-2018	No. of households benefitting;	Periodic reports	Ministry of Lands	County Govt	New
Kianamu domestic water project	60M	2013-2018	No. of households benefitting;	Periodic reports	Ministry of Lands	County Govt	New
Kathanje springs protection	5M	2013-2018	No. of springs protected	Periodic reports	Ministry of Lands	County Govt	New
MINERALS							
Mineral exploration and assessment in the county	50M	2013-2018	No. of sites explored	Periodic reports	Ministry of Lands	GOK/ County government	New
Mining & quarrying status in the county	20M	2013-2018	No. of sites explored	Periodic reports	Ministry of Lands	GOK/ County government	Ongoing

8.2.5 Health

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Procurement of 20 ambulances	5.9B	2013-2018	No. of ambulances	Payment Vouchers	Department of Health	County Government	Not started
Equipping health facilities with medical equipment		2013-2018	No. of health facilities equipped	Payment Vouchers	Department of Health	County Government	Not started
Construction of incinerators (5)		2013-2018	No. of incinerators constructed	Payment Vouchers; Site meetings.	Department of Health	County Government	Not started
Construction of theatres (3)		2013-2018	No. of theatres constructed	Payment Vouchers; Site meetings.	Department of Health	County Government	Not started
Construction of mortuaries (3)		2013-2018	No. of mortuaries constructed	Payment Vouchers; Site meetings.	Department of Health	County Government/ PPPs	Not started
Construction of health facilities; wards and maternities		2013-2018	No. of wards/ maternities constructed	Payment Vouchers; Site meetings.	Department of Health	County Government	Not started
Community Health Strategy		2013-2018	No. of community units established;	Payment Vouchers	Department of Health	County Government	Not started
Upgrading 10 health centers to hospitals		2013-2018	No. health centers upgraded	Payment Vouchers; Site meetings.	Department of Health	County Government	Not started
Upgrading 20		2013-2018	No. Dispensaries	Payment Vouchers;			

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Dispensaries to health centers			upgraded	Site meetings.			
Upgrading/ Refurbishment and equipping of Embu Level 5 Hospital		2013-2018	No. of theatres constructed; No. of Renal Dialysis units and Water Plants installed; No. of ICUs constructed.	Payment Vouchers; Site meetings.	Department of Health	County Government	Not started
Embu Public Health block		2013-2018	No. of health blocks constructed; No. of offices;	Payment Vouchers; Site meetings.	Department of Health	County Government	Ongoing
Replacement of roofing material at Kianjokoma sub-District Hospital		2013-2018	No. of extra beds provided	Payment Vouchers; Site meetings.	Department of Health	County Government	New
Provision of additional beds and linen in Ishiara and Siakago hospitals		2013-2018	No. of extra beds provided	Payment Vouchers; Site meetings.	Department of Health	County Government	New
Construction of modern toilets at Runyenjes	2M	2013-2014	No of toilets	Payment Vouchers; Site meetings	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Construction of landfills		2013-2018	No constructed	Payment Vouchers; Site meetings	Department of Health	County Government	New
Jigger eradication	5M	2013-2018	No of people		Department of Health	County Government	New
Construction of Gikiro dispensary toilet	0.1M	2013-2014	No of toilets	Payment Vouchers; Site meetings	Department of Health	County Government	New
Expansion of health facilities	200M	2013-2018	No of health facilities	Payment Vouchers;	Department of Health	County Government	New
Construction of toilets and refuse receptacle at Mutunduri Market	0.3M	2013-2014	No of toilets constructed	Site meetings	Department of Health	County Government	New
Construction of toilets Mulukusi dispensary	1M	2013-2014	No of toilets constructed	Payment Vouchers site meetings, completion certificate	Department of Health	County Government	New
Construction of maternity wing at Dallas	1.9M	2013-2014	Maternity wing constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of maternity wing at Kathangari	1M	2013-2014	Maternity wing constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Construction of maternity ward at Kiamuringa dispensary	1.9M	2013-2014	Maternity wing constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of dispensary at Mutuobare	1.5M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Mbita dispensary maternity ward	1.8M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Wakaria dispensary	2M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Kasioni dispensary	2M	2013-2014	Dispensary constructed	Payment Vouchers site meetings	Department of Health	County Government	New
Construction of Gikondi dispensary	0.5M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Rogogwe	0.5M	2013-2014	Dispensary constructed	Payment Vouchers site meetings	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
dispensary				completion certificate			
Construction female ward at Makima dispensary	1.5M	2013-2014	Ward constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction male ward at Makima dispensary	1.5M	2013-2014	Ward constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of fence at Makima dispensary	0.5M	2013-2014	Fence constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of fence at Mulukusi dispensary	0.2M	2013-2014	Fence constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Gikuru dispensary	2M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of karurina dispensary	0.9M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				n certificate			
Construction of staff houses at Kangungi dispensary	1.3M	2013-2014	No of staff houses constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of staff houses at Makutano dispensary	0.2M	2013-2014	No of staff houses constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of nurse staff house Gitaraka dispensary	1.5M	2013-2014	No of staff houses constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of nurse staff house Malikini dispensary	2M	2013-2014	No of staff houses constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Kimangaru dispensary	2M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of laboratory at Muchonoke dispensary	1M	2013-2014	Laboratory constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				certificate			
Construction of incinerator at Mukuuri dispensary	0.3M	2013-2014	Incinerator constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of a waiting bay at kanja dispensary	0.3M	2013-2014	Waiting bays constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of staff quarters at Mulukusi dispensary	1.5M	2013-2014	No of staff houses constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of maternity wing at Makima	1.5M	2013-2014	Maternity wing constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of staff quarters at Mariari dispensary	0.7M	2013-2014	No of staff houses constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Rukuriri dispensary	0.2M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Completion of Gatirari dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Kanyangi dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Munthantara dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings	Department of Health	County Government	New
Completion of Kyenire dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Kiogogo dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Kogari dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Itonguri dispensary	1M	2013-2014	Completed dispensary	Payments completion	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				n certificate			
Completion of Kevote dispensary	1M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Kiangungi dispensary	1M	2013-2014	Completed dispensary	Payment Vouchers site meetings	Department of Health	County Government	New
Completion of maternity ward at Nganduri dispensary	1M	2013-2014	Completion of maternity ward	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Kamugu dispensary	1M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Kamunyang e dispensary	0.5M	2013-2014	Completed dispensary	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Completion of Karaba mortuary	2M	2013-2014	Completed dispensary	Payment completion certificate	Department of Health	County Government	New
Completion of Kathanje health	1.5M	2013-2014	Completed dispensary	Payment Vouchers site	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
facility				meetings completion certificate			
Purchase of land for Kang'ethia dispensary	1M	2013-2014	No of acres purchased	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Purchase of land for Karimari dispensary	1M	2013-2014	No of acres purchased	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Purchase of water tanks for dispensaries-kiambere	0.6M	2013-2014	No of tanks purchased	Payment Vouchers site meetings	Department of Health	County Government	New
Kiriari dispensary laboratory equipment project	0.8M	2013-2014	No of equipment purchased	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Nembure health centre equipping of kitchen	1.5M	2013-2014	Fully equipped kitchen	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Installation of laboratory water tank	0.2M	2013-2014	Water tank installed	Payment Vouchers site meetings completion	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
at Mugui dispensary				n certificate			
Electrification of Gachuriri dispensary	0.5M	2013-2014	Electrification done	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Mbondoni dispensary	0.5M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Muchagori dispensary	0.5M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Construction of Kathanjuri Maternity ward	0.5M	2013-2014	Dispensary constructed	Payment Vouchers site meetings completion certificate	Department of Health	County Government	New
Equipping dispensaries	20M	2013-2014	No of dispensaries equipped	Payment Vouchers site meetings	Department of Health	County Government	New
Gabbage collection receptacles	7M	2013-2014	No of Garbage receptacles	Payment Vouchers site meetings	Department of Health	County Government	New
Acquisition & fencing of dumpsite land	12M	2013-2014	No of acres acquired and fenced	Payment Vouchers site meetings	Department of Health	County Government	New

Project Name	Cost Ksh	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Construction of Buildings	8M	2013-2014	No of buildings constructed	Payment Vouchers ite meetings, completion certificate	Department of Health	County Government	New
Purchase of CT Scan	16M	2013-2014	CT Scan purchased	Payment Vouchers	Department of Health	County Government	New
Purchase of Renal Unit	12M	2013-2014	Renal unit purchased	Payment Vouchers	Department of Health	County Government	New
Purchase of Oxygen Plant	8M	2013-2014	Oxygen plant purchased	Payment Vouchers	Department of Health	County Government	New

NOTE: The TB program, Malaria and HIV/AIDS programs are funded at the national level

8.2.7 Education, Science and Technology and ICT

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
DEPARTMENT OF SCIENCE AND TECHNOLOGY							
Implementation of SYPT program in YPs	200M	2013-2018	Number of trainees enrolled Quality of training	Class registers Admission register	Ministry of Education, Science and Technology (Embu County)	Embu County Government	Ongoing
Implementation of	20M	2013-2018	Number of YPs	Assessment reports	Ministry of Education,	Community	Ongoing

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
NVCET curriculum			registered	Registration certificates	Science and Technology (Embu County)		
Equipping and refurbishing of YPs	1.6B	2013-2018	33 YPs equipped and refurbished	Advertisements Procurement documents	Ministry of Education, Science and Technology (Embu County)	Embu County Government	Ongoing
Initiation of IGAs in YPs	6M	2013-2018	Projects in YPs	YPs income returns IGAs account statements	Ministry of Education, Science and Technology (Embu County)	Embu County Government	Ongoing
CCTV Surveillance and security	100M	2013-2018	Completion of installation	Completion certificate	Ministry of Education, Science and Technology (Embu County)	Embu County Government	New
Data security and control	20M	2013-2018	Completion of installation	Completion certificate	Ministry of Education, Science and Technology (Embu County)	Embu County Government	New
Purchase of land and construction of Kithimu youth polytechnic	3M	2013-2018	Acquisition of land	Title deed	Ministry of Education, Science and Technology (Embu County)	Embu County Government	New
Roofing and finishing of	1.5M	2013-2018	Completion of polytechnic	Completion certificate	Ministry of Education, Science and Technology	Embu County Government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Nembure youth polytechnic					(Embu County)		
Construction of a workshop at Gitare youth polytechnic	2M	2013-2018	Completed workshop	Completion certificate	Ministry of Education, Science and Technology (Embu County)	Embu County Government	New
Construction of ECDE classrooms	0.5M	2013-2018	Classrooms constructed	Completion certificate	Ministry of Education, Science and Technology (Embu County)	Embu County Government	New
Purchase of land for Gatumbi youth polytechnic	0.8M	2013-2018	Completion certificate	Title deed	Ministry of Education, Science and Technology (Embu County)	Embu County Government	New
DEPARTMENT OF EDUCATION							
Building of model ECDE centres	300M	2013-2018	Number of ECDE centres constructed	Physical inspection report Completion certificate	Ministry of Education, Science and Technology Embu County Ministry of infrastructure Ministry of health NEMA	Embu County Government and Partners	New
Renovating	320M	2013-	Number	Physical	Ministry of	Embu	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
g ECDE centres		2018	of ECDE centres renovated	inspection report Completion certificate	Education, Science and Technology Embu County Ministry of infrastructure Ministry of health NEMA	County Government and Partners	
Purchasing learning materials and play equipment	40M	2013-2017	Number of teaching and learning play materials bought	School inspection report	Ministry of Education, Science and Technology Embu County	Embu County Government and Partners	New
Building day care centres	48M	2013-2018	Number of ECDE centres constructed	Physical inspection report Completion certificate	Ministry of Education, Science and Technology County Government	Embu County Government and Partners	New
Construction of county ECDE Training and resource centres	30M	2013-2018	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government and Partners	New
Bursary schemes	300M	2013-2018	No of beneficiar	Reports and list of	Ministry of Education,	Embu County	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			ies	beneficiaries	Science and Technology Embu County	Government	
Bursary disbursement	41.5M	2013-2014	No of beneficiaries	Reports and list of beneficiaries	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom at Karumiri Primary school	0.6M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom at Matuturi Primary school	0.6M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom at Kangondi Primary school	0.6M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom	0.6M	2013-2014	Complete institution	Physical plans Evaluation	Ministry of Education, Science and Technology	Embu County Government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
at Kathugu Primary school				reports	Embu County		
Construction of ECDE classroom at Ngeriari Primary school	0.6M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom at Ndumari Primary school	0.6M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom at Kavuru Primary school	0.6M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of ECDE classroom at Gikuuri Primary school	0.5M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Consttruc	0.5M	2013-2014	Complete institution	Physical plans	Ministry of Education,	Embu County	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
tion of ECDE classroom at Gicheche Primary school				Evaluation reports	Science and Technology Embu County	Government	
Construction of ECDE classroom at Mwenendega Primary school	0.5M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of pre-school classroom at St Paul Mbuvari Primary school	0.4M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of pre-school classroom at Gatwe Primary school	0.4M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of pre-	0.4M	2013-2014	Complete institution	Physical plans	Ministry of Education, Science and	Embu County Governme	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
school classroom at ACK Kathangariri Primary school				Evaluation reports	Technology Embu County	nt	
Purchase of land for pre-school class at Muthigi	1M	2013-2014	Land purchased	Title deed	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Purchase of land for pre-school class at Ngerwe	1M	2013-2014	Land purchased	Title deed	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Purchase of land for pre-school class at Kiandari	1M	2013-2014	Land purchased	Title deed	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Purchase of land for ECDE class at Makengi	0.5M	2013-2014	Land purchased	Title deed	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Purchase of land	1.2M	2013-2014	Land purchased	Title deed	Ministry of Education,	Embu County	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
for ECDE class at Nguthiru					Science and Technology Embu County	Government	
Renovation of classroom at Karurum o polytechnic	0.5M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Renovation of Kiarimui ECDE class	0.4M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Renovation of Kavutiri ECDE class	0.2M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of Kigaa youth polytechnic	2M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Equipping of Ena youth	0.5M	2013-2014	Equipped institution	Physical plans	Ministry of Education, Science and	Embu County Government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
polytechnic				Evaluation reports	Technology Embu County	nt	
Construction of workshop at Kathunguri polytechnic	0.5M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Purchase of land for Kathageri polytechnic	2M	2013-2014	Land purchased	Title deed	Ministry of Education, Science and Technology Embu County	Embu County Government	New
Construction of Kithimu community library	2M	2013-2014	Complete institution	Physical plans Evaluation reports	Ministry of Education, Science and Technology Embu County	Embu County Government	New
DEPARTMENT OF ICT							
Internet connectivity (county offices)	1M	To be completed in 2014	Number of counties that have been installed	Connectivity	ICT department Third party vendor	County Government	Ongoing
Internet Kiosks	32M	2013-2017	Number of digital	Connectivity	ICT department	County Government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
/Digital village			villages		Third party vendor		
Wi-Fi Internet Connectivity and Hotspots	20M	By 2018	Number of hotspots	Connectivity	ICT department Third party vendor	County Government Partners	New
Fleet Management System	10M	By 2018	Number of vehicles with installed system	Tests and reports from the system	ICT department Third party vendor	County Government Partners	New
Electronic Data Management systems	10M	By 2018	Number of documents archived	Tests and reports from the system	ICT department Third party vendor	County Government	New
E – Revenue system	5M	By 2014	Number of items in the systems	Tests and reports from the system Monies collected	Third party vendor	County Government	New
GPRS /GPS system for the county	15M	2013-2017	Installation of the system	Tests and reports from the system	ICT department Third party vendor	County Government	New
CCTV Surveillance and	400M	2013-2018		Physical inspection report	Ministry of Education , Science	Embu County Government and	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Security				Completion certificate	and Technology County Government	Partners	
Data security and control	40M	2013-2018		Physical inspection report Completion certificate	Ministry of Education, Science and Technology County Government	Embu County Government and Partners	New
Health Management System	30M	2013-2017	Installation of the system	Tests and reports from the system	ICT department Third party vendor	County Government	New
Home craft centres	50M	2013-2018	No. of home craft centres established	Reports; Completion certificates; Site minutes	ICT department	County Government	New
Support tertiary institutions	500M	2013-2018	No. of tertiary institutions supported; No. of institute of technology that	Reports;	Education department	County Government	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			have been setup				

8.2.7 Trade and Tourism

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Tourism Information centre at Embu	5M	2013-2018	No. Of centres established	M&E Reports Lease agreements Asset register	Dep of tourism	County government Development Partners	New proposal
Development of Tourism cultural museum	200M	2013-2018	No of museums constructed	Minutes M&E reports Completion certificates	Trade department	GOK	Not started
Development of Traditional medicine centre in all subcounties	200M	2013-2018	No of centres established	Minutes M&E Reports Completion certificates	Dept of tourism	county government Development Partners	New proposal
Establishment of an eco-tourism facility in Njukiiri	50M	2013-2018	No of facilities established	M&E reports Minutes M&E Reports Completion certificates	Dept of tourism	county government Development Partners	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Establishment of cultural villages in Makima / Mt. Kenya	50M	2013-2018	No. of villages established	Minutes M&E Reports Completion certificates	Dept of tourism	county government Development Partners	New proposal
Establishment of an Eco-lodge	200M	2013-2018	No. Of eco-lodges constructed	Minutes M&E Reports Completion certificates	Dept of tourism	county government Development Partners/ PPPs	New proposal
Setting up of tented camps in Mwea National Reserve	100M	2013-2018	No. Of camps established	Minutes M&E Reports Completion certificates	Dept of tourism	County government/ Development Partners/ PPPs	New proposal
Planetarium at Kianjiru Hill.	200M	2013-2018	No. Of planetarium done	Minutes M&E Reports Completion certificates	Dept of tourism	County government/ Development Partners/ PPPs	New proposal
Amusement park at Embu	100M	2013-2018	No. of parks established	Minutes M&E Reports Completion certificates	Dept of tourism	County government Development Partners	New proposal
3 RD Entry to Mwea National Reserve through	50M	2013-2018	No. of transit	Minutes M&E	Dept of tourism	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Tana River at Sagana bridge.			facilities established	Reports Completion certificates		Development Partners	
Opening Mt. Kenya Southern Route	100M	2013-2018	No of eco-lodges done	Minutes M&E Reports Completion certificates	Dept of tourism	county government Development Partners	New proposal
Upgrade of markets	200M	2013-2018	No of markets constructed	Minutes M&E Reports Completion certificates	Dept of trade	county government Development Partners	New proposal
Rehabilitation and improving of markets	200M	2013-2018	No of markets improved	Minutes M&E Reports Completion certificates	Dept of trade	county government Development Partners	New proposal
Boda boda sheds/Miraa sheds	50M	2013-2018	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Jua Kali Shelters	200M	2013-2018	No of shelters constructed	Minutes	Dep of trade	county government	New proposal
SME's Stalls	100M	2013-2018	No of stall constructed	M&E Reports	Dep of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Land acquisition for markets	50M	2013-2018	No of acres	Title deed	Dep of trade	county government	New proposal
Business resource centres All 4 sub-counties	2M	2013-2018	No of centres done	Minutes M&E Reports Completion certificates	Dept of trade	county government Development Partners	New proposal
Embu County trading and investment corporation	20M	2013-2018	No of investment corporation established	Minutes M&E Reports Incorporation certificate	Dept of trade	county government Development Partners	New proposal
Commodity exchange centre	20M	2013-2018	No. Of centres done	Minutes M&E Reports Completion certificates	Dept of trade	county government Development Partners	New proposal
Upgrade Embu market into a Tier 1 Market	4B	2013-2018	No. Of markets upgraded; No. of cold storage facilities established;	Minutes M&E Reports Completion certificates	Dept of trade	county government Development Partners	New
Substance and drugs abuse rehabilitation centres	100M	2013-2018	No. Of centres done	Minutes M&E Reports Completion certificates	Dept of trade	county government Development Partners	New proposal
Renovation of Runyenjes hotel	0.5M	2013-2014	Fully renovated	Completion certificate	Dept of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Renovation of Runyenjes shoe shiner sheds	0.2M	2013-2014	No of sheds renovated	Completion certificate, revenue collection	Dept of trade	county government	New proposal
Construction of Ugweri market toilet and lighting	1M	2013-2014	A well lit and complete toilet	Completion certificate, revenue collection report	Dept of trade	county government	New proposal
Construction of Manyatta market toilet and fencing	1M	2013-2014	A complete toilet and fence	Completion certificate, revenue collection report	Dept of trade	county government	New proposal
Purchase of four acres of land for jua kali artisans ,hawkers and kiosk owners	4M	2013-2014	Four acre land purchased	Authenticated title deed acquired	Dept of trade	county government	New proposal
Construction/modernisation of Kiritiri fresh produce market	4M	2013-2014	Complete modern market	Completion certificate, revenue collection report	Dept of trade	county government	New proposal
Land levelling at Mbuvari market	0.2M	2013-2014	A well levelled market with good drainage	Completion certificate, M & E reports	Dept of trade	county government	New proposal
Land buying for Kathangariri Market	1M	2013-2014	Land bought	Authenticated title deed acquired	Dept of trade	county government	New proposal
Construction of Nembure stage bus stop sheds	0.6M	2013-2014	2 sheds completed	Completion certificate, M & E reports	Dept of trade	county government	New proposal
Purchase of land for Kathageri market	0.5M	2013-2014	Land bought	Authenticated title deed	Dept of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				acquired			
Improvement of Kianjokoma bus stage	1M	2013-2014	Improved bus stage	M & E reports	Dept of trade	county government	New proposal
Construction of Kiriari Market	10M	2013-2014	A fully functional market	M & E reports	Dept of trade	county government	New proposal
Improvement of Kathanjuri market infrastructure	1M	2013-2014	Improved market	M & E reports,	Dept of trade	county government	New proposal
Improvement of Kigumo market infrastructure	0.5M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kanja bus park	0.4M	2013-2014	Improved bus park	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Construction of toilets at Rukira and Ndatu markets	0.4M	2013-2014	Completed toilets	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Embu town market	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kiritiri market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Siakago market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Runyenjes market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kianjokoma market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Makutano market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of	1M	2013-	Improved	Completion	Dept of	county	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Manyatta market infrastructure		2014	market	certificate,M &E reports	trade	government	
Improvement of Ena market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kithimu market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Karurumo market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Ishiara market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kanyuambora market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Mutuombare market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kevote market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kimangaru market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Karingari market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Ngiiri market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kathageri market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Mururu market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Improvement of Kathangariri and	1M	2013-2014	Improved market	Completion certificate,M	Dept of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Mbuvori markets infrastructure				&E reports			
Improvement of Makima market infrastructure	1M	2013-2014	Improved market	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Construction of Business park	5M	2013-2014	Well constructed buspark	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Development of tourism centres	2M	2013-2014	Well developed centers	Completion certificate,M &E reports	Dept of trade	county government	New proposal
Construction of Runyenjes Boda Boda sheds(Central)	0.5M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kirigi,Manyatta and Kiriari	0.3M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Mama Ngina	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Oil Libya	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kirimari Shell	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports	Dep of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				Completion certificates			
Construction of Boda Boda sheds at Kangaru	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kivue	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Karurina-Gaturi	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Karingari	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kivwe Market	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Gakwegori	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion	Dep of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				certificates			
Construction of Boda Boda sheds at Gatunduri	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Makathi(Gatituri)	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Karurina(Mbeti)	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Muthatari(at Mugoya junction)	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Muthatari(at Siakago junction)	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Werus junction	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Construction of Boda Boda sheds at Kimangaru	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Sunrise	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kathageri	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Makutano-Kyeni North	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Rukuriri	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Runyenjes-Kyeni north	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Construction of Boda Boda sheds at Mutuobare	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kithimu Ward	0.2M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Siakago	0.3M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Riandu	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at BAT	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda at Mariari	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of	0.8M	2013-	No of	Minutes	Dep of	county	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Boda Boda sheds at Kagaari North		2014	sheds constructed	M&E Reports Completion certificates	trade	government	
Construction of Boda Boda sheds at Makima	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Mbondoni	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at mashamba	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kavutiri	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kamugane	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds	0.1M	2013-2014	No of sheds	Minutes M&E	Dep of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
at Makengi			constructed	Reports Completion certificates			
Construction of Boda Boda sheds at Kevote	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kamuge junction	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Ena	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Kiringa	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of Boda Boda sheds at Ugweri	0.1M	2013-2014	No of sheds constructed	Minutes M&E Reports Completion certificates	Dep of trade	county government	New proposal
Construction of shoe shiners shade Co-operative bank	0.1M	2013-2014	No of sheds renovated	Completion certificate, revenue	Dept of trade	county government	New proposal

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
				collection			
Construction of shoe shiners shade Kirimari Shell	0.1M	2013-2014	No of sheds renovated	Completion certificate, revenue collection	Dept of trade	county government	New proposal
Construction of shoe shiners shade Kyeni Hotel	0.1M	2013-2014	No of sheds renovated	Completion certificate, revenue collection	Dept of trade	county government	New proposal
Construction of shoe shiners shade Kiritiri stage	0.1M	2013-2014	No of sheds renovated	Completion certificate, revenue collection	Dept of trade	county government	New proposal

8.2.8 Youth Empowerment and Sports

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Youth talent academy – Embu County	200M	2013 - 2018	No of academies	Site Meeting minutes	Youth and sports	Embu county government	ongoing
Establish Embu Youth SACCO	100M	2013 - 2018	No. of youths registered	Meetings Minutes	Youth and sports	Embu county government	ongoing

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Construction of modern stadiums in the county	200M	2013 - 2018	No constructed	Completion certificate	Youth and sports	Embu county government	New
County Sports Programme	100M	2013 - 2018	No. of youths registered	Meetings Minutes	Youth and sports	Embu county government	New
Empowerment Centers/ or youth friendly Centers	100M	2013 - 2018	No. of youths trained No of empowerment completed	No. of forum reports	Youth and sports	Embu county government	New
High altitude sports training complex	700M	2013 - 2018	No of sports training complex established	Certificates of completion Meeting minutes	Youth and sports	Embu county government	New
Small and Medium Enterprise Incubation centres	150M	2013 - 2018	No of incubation centres established No of satellite incubation centres	No of centers	Youth and sports	Embu county government	New
Water Sports facility	500M	2013 - 2018	No. of water sport facilities established	Completion certificate	Youth and sports	Embu county government	New
Renovation of	1.2B	2013 - 2018	No. of stadiums/ playground	Completion certificates	Youth and sports	Embu county government	Embu county stadium renovation

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
county stadium and play grounds			d renovated	No of playing courts Meeting minutes		nt	started
One youth stop-shop for youth led initiatives i.e. cyber, Gym, Library, Guidance and counseling	200M	2013-2018	No. of youth stop-shops established	Completion certificates No of playing courts Meeting minutes	Youth and sports	Embu county government	Proposed
Greenhouse farming projects and Hatcheries in Youth Polytechnics	130M	2013-2018	No. of greenhouses established No. of hatcheries established	Reports	Youth and sports	Embu county government	Proposed
Renovation of play ground at new site	0.7M	2013-2014	Play ground renovated	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of a social hall at Gachoka recreational centre	4M	2013-2014	Hall constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of Muvandori youth	3M	2013-2014	Polytechnic constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
polytechnic							
Construction of Boda Boda sheds-Kibugu	0.1M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of Boda Boda sheds-Kathangariri	0.1M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of Boda Boda sheds-Mbuvori	0.1M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of Boda Boda sheds-Kangethia	0.1M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Purchase of play ground at Karambari	0.5M	2013-2014	Acreage of land purchased	Title deed	Youth and sports	Embu county government	Proposed
Construction of Boda Boda sheds-Evurore	0.2M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed

Project Name	Cost Kshs	Time Frame	M & E Indicators	M & E Tools	Implementing Agency	Source of Funds	Status
Renovation of Nembure recreation centre	1.5M	2013-2014	Hall renovated	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Rehabilitation of two play grounds-Kyeni North	0.2M	2013-2014	Play ground rehabilitated	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of Boda Boda sheds-Mutuobare	0.2M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Construction of Boda Boda sheds-Newsite	0.2M	2013-2014	No of sheds constructed	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Rehabilitation of Embu Stadium	8.694M	2013-2014	Stadium rehabilitated	Reports and completion certificate	Youth and sports	Embu county government	Proposed
Environmental protection	100M	2013-2018	No. of tree nursery beds established	Reports	Youth and sports	Embu county government	Proposed

8.2.9 Gender, Women, Children, Culture and Social Services

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
CHILDREN							
Empowerment of children and the community on child protection	10M	2013-2018	No. of community forums No. of activities undertaken	Reports.	Children department	County Government	On going
Child protection and Rescue centre at Embu	100M	2013-2018	Centre in place	Report	MGCCSS	County	New
Sponsorship programme to 100 needy children in 4 constituencies at Ksh. 30,000 per year	12M	2013-2018	No. of children supported	School reports	MGCCSS	County	New
Economic household strengthening to 100 households in 4 at Ksh. 2000 per month per constituencies that have vulnerable children	48M	2014-2018	No. of Household supported	Payment schedule / payroll	MGCCSS	County	New
GENDER							
Women protection	15M	2013-2018	20 trainings	Training reports	Embu county	County and	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			20 mentorship clubs initiated			partners	
Men Behaviour Change	10M	2013-2018	12 trainings per year. 300 men trained annually	Training reports. Copies of Certificates given to participants.	Embu county and like minded partners.	Embu county and partners.	Ongoing
Gender resource centre	80M	2014-2017	4gender resource centre constructed	Bill of quantities	Embu county government	Embu county government/ partner	New
Disaster risk reduction	20M	2013-2017	Relief food bought	List from the 20 wards	Embu county government	Embu county government	New
CULTURE							
Land scarping and drainage at the cultural homestead And drainage works round office block Repair of office block, and floor roof painting and tiling and renovation of the	3M	2013-2018	Monitoring reports Minutes of Meetings BQs	M&E meetings Instruction book Site visitors book Completion certificate	Public works County officer	Line Min. Hqs County .govt.	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
existing conference room, painting of hall floor and pillars							
Construction of a complex housing art gallery, curio shop, herbal clinic cultural museum, amphitheatre. Cultural library at (4) sub counties	150m	2013-2018	All Infrastructure in place Reports photographs	Monitoring reports Minutes of meetings Completion certificates for complete works	Public works County officers Dept. of culture	County govt/ PPPs	New
Provision for construction and equipping the cultural villages (4) with appropriate artifacts.	20M	2013-2018	Monitoring reports Minutes of Meetings	M&E meetings Instruction book Site visitors book Completion certificate	Public works County officers Dept. of culture	County govt/ PPPs	New
Baseline survey of sites and monuments in the county Reclaiming and preserving ,promoting	10M	2013-2017	Baseline reports Documentation photography	Reports	Public works County officers Dept. of culture	County govt	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
the site and monuments in the county							
Creative industries in 4 sub counties	4M	2013-2017	Attendance documentation Training manual	Attendance documentation Training manual	Dept of culture County govt	Dept of culture County govt	New
Revolving fund/ grants scheme to groups	50M	2013-2017	Reports of beneficiaries Report on amounts disbursed	No. of beneficiaries A built fund	Dept of culture County govt Cultural practitioners	Dept of culture County govt	New
SOCIAL SERVICES							
Rwika Community capacity Support Programme	50M	2013-2018	List of participants	Reports	Dept of Social services	County Govt	New
Embu Rehab centre renovation	30M	2013-2018	Number trained	Reports	Dept of Social services	County Govt	New
Construction of home for the Elderly	40M	2013-2018	Attendance lists to the forums	Reports	Dept of Social services	County Govt	New
People living with HIV	6M	2013-2018	Attendance Lists.	Reports.	Dept of Social services	County Govt	New
Supplement cash transfer programme for the	10M	2013-2018	No. of elderly and severely disabled persons	Reports.	Dept of Social services	County Govt	New

Project Name	Cost Kshs	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
elderly and severely disabled			benefitting				
Office construction at sub-county level	40M	2013-2018	No. of offices constructed	Reports.	Dept of Social services	County Govt	New
Establishment of children centres	50M	2013-2018	No. of centres established	Reports.	Dept of Social services	County Govt	New

APPENDICES

Annex 1: Financial Institutions

FINANCIAL SERVICES

CLASSIFICATION	INSTITUTIONS
LARGE FINANCIAL INSTITUTIONS	K-Rep Bank Ltd
	Co-operative Bank of Kenya
	Consolidated Bank of Kenya Ltd
	Kenya Commercial Bank
	Barclays Bank of Kenya
	Equity Bank
	Family bank
	National Bank of Kenya
	KWFT
MEDIUM FINANCIAL SERVICES	Nawiri Sacco Ltd
	Post Bank Ltd
	Winas Sacco Ltd
	Daima Sacco Society Ltd
	Faulu Kenya Ltd
	Bimas
SMALL FINANCIAL SERVICES	Jaribu Credit Traders
	United Insurance Company Ltd
	Amedo centre
	Millenium Co-operative Society

CLASSIFICATION	INSTITUTIONS
SMALL FINANCIAL SERVICES	Argos Furniture Ltd
	Credit Africa Ltd
	Africa Retail Ltd
	Neon Sacco Ltd
	Kenya Women Finance Trust
	Kenya Credit Traders
	Sisdo Micro-Finance
	Walton Sacco Ltd
	Jamii Bora Trust
	Small & Micro-Enterprise
	Kuscco Ltd
	Kadet Ltd
	Kukopesha Ltd
	Universal Traders Sacco
	Fountain Credit Services Ltd
	Postal Corporation of Kenya
	Mbeu Micro- Finance
	Jitegemee Credit Scheme
	UAP Insurance Company
	Africa Merchant Assurance Company Ltd
Tuongane Tujijenge Sacco	

SAVINGS & CREDIT CO-OPERATIVE (SACCOS)

S/N	NAME OF SOCIETY	HEAD OFFICE	MEMBERSHIP	SHARE CAPITAL	STATUS
1.	Yoken Sacco	Gachuriri	569	1,122,000	Active
2.	Gachuriri Business	Gachuriri	30	1,857,000	Active
3.	Ketno Sacco	Kiritiri	21	8,914,009	Active
4.	Kiritiri Emanuel Sacco	Kiritiri	20	952,260	Active
5.	Karaba BodaBoda	Karaba	40	200,000	Active
6.	Mbeere Muguuka Sacco		52	164,500	Active
7.	Semo Sacco	Siakago	39	72,000	Active
8.	Daima	Manyatta	22,402	37,001,202	Active
9.	Gastameco	Manyatta	5179	7,0131,350	Active
10.	Kigari	Kigari College	93	200,000	Active
11.	Emakiga	Kianjokoma	29	37,500	Active
12.	Ekmo	Kibugu	23	250,000	Active
13.	County	Runyenjes	11,804	23,159,002	Active
14.	Runyenjes	Runyenjes	440	280,276	Active
15.	Kemo	Kianjokoma	35	618,000	Active
16.	Nawiri Sacco	Embu Town/Runyenje	91,000	74,474,041	Active

		s			
17.	Neno Sacco	Embu Town	240	77,469,085	Active
18.	Eemo Sacco	Embu	41	468,000	Active
19.	2KM Sacco	Njukiri	36	26,000	Active
20.	Winas	Embu Town	8,040	50,577,914	Active
21.	Tuongane Tujinjenge	Embu Town	690	9,468,563	Active
22.	Walton Sacco	Embu Town	180	292,433	Active
23.	Uvumilivu	Embu Town	32	20,900	Active
24.	Bimas	Embu Town	106	58,500	Active
25.	ACK Mwireri	Embu Town	108	214,000	Active
26.	Mwiigwithania	Embu Town	45	2,652,710	Active
27.	Victors Camp Sacco	Embu Town	23	11,057	Active
28.	Penda	Embu Town	110	918,801	Active

Annex 2: ECDE, Primary, Secondary schools and Polytechnics

PUBLIC ECDE CENTRES

NO	NAME OF SCHOOL	WARD
1	EMBU COUNTY	KIRIMARI
2	ST. MICHAEL	KIRIMARI
3	DEB NTHAMBO	KIRIMARI
4	EMBU URBAN	KIRIMARI
5	KANGARU DEB	KIRIMARI
6	GATOORI	KIRIMARI
7	GITURI	KIRIMARI
8	NJUKIRI DEB	KIRIMARI
9	ITABUA	MBETI NORTH
10	ACK GATUNDURI	MBETI NORTH
11	GATONDO	MBETI NORTH
12	KIMANGARU	MBETI NORTH
13	DEB IVECHE	MBETI NORTH
14	ACK ST. PAUL GAKINDURIRI	MBETI NORTH
15	GATTURI	MBETI NORTH
16	KIANGIMA	MBETI NORTH
17	KAMIU	MBETI NORTH
18	KITHIMU	KITHIMU
19	ST. ANDREW	KITHIMU
20	DEB RUKIRA	KITHIMU
21	DEB KIANDUNDU	KITHIMU
22	ST. JOSEPH ALAMANO	KITHIMU
23	ST. MARY ITHANGAWE	KITHIMU
24	KITHEGI	KITHIMU
25	ACK IGUMO	GATURI SOUTH

NO	NAME OF SCHOOL	WARD
26	ACK ST. PETER'S RUNGANGA	GATURI SOUTH
27	CCC KIHUMBU	GATURI SOUTH
28	CCC NEMBURE	GATURI SOUTH
29	MBUKORI	GATURI SOUTH
30	NGUIRE	GATURI SOUTH
31	ST. FRANCIS TENDE	GATURI SOUTH
32	MUVANDORI	NGINDA
33	KARAU	NGINDA
34	ST. HELEN	NGINDA
35	KITHUNGURIRI	NGINDA
36	KIBUGU	NGINDA
37	GICHERORI	NGINDA
38	GATWE	NGINDA
39	KATHANGARIRI	NGINDA
40	ST. JOSEPH NDUNDA	NGINDA
41	KARUMIRI	NGINDA
42	RUGUMU	NGINDA
43	ST. FRANCIS	NGINDA
44	MBUVORI	NGINDA
45	KATHINIRI	NGINDA
46	RUTUNE	NGINDA
47	KAGUMORI	NGINDA
48	KIRIARI	NGANDORI/RUGURU
49	KAMVIU	NGANDORI/RUGURU
50	MUKANGU	NGANDORI/RUGURU
51	KENGA	NGANDORI/RUGURU
52	KAIRURI	NGANDORI/RUGURU
53	NGIMARI	NGANDORI/RUGURU
54	KERIA	NGANDORI/RUGURU
55	KIGARI	NGANDORI/RUGURU
56	KIRIGI	NGANDORI/RUGURU
57	KARURIRI	NGANDORI/RUGURU
58	KIANGOCI	NGANDORI/RUGURU
59	KIANJOKOMA DAY	GATURI NORTH
60	CCM KEVOTE	GATURI NORTH
61	ST. CATHERINE KERURI	GATURI NORTH
62	S.A. MANYATTA	GATURI NORTH
63	ST. MARK'S KARUE	GATURI NORTH
64	KIANJUKI	GATURI NORTH
65	KIANJOKOMA BOARDING	GATURI NORTH
66	ACK ST. PHILIP'S MAKENGI	GATURI NORTH
67	ST. JOSEPH KEVOTE	GATURI NORTH
68	KAVUTIRI	GATURI NORTH
69	CONSOLATA KEVOTE	GATURI NORTH
70	MUCHAGORI	GATURI NORTH

NO	NAME OF SCHOOL	WARD
71	GICHUGU	GATURI NORTH
72	ACK KANJA	KAGAARI NORTH
73	MURAGARI	KAGAARI NORTH
74	S.A. NDUURI	KAGAARI NORTH
75	CCM MBUINJERU	KAGAARI NORTH
76	KATHANDE	KAGAARI NORTH
77	IRANGI	KAGAARI NORTH
78	MUNYUTTU	KAGAARI NORTH
79	KAMUGERE	KAGAARI NORTH
80	CCM MUGUI	KAGAARI NORTH
81	THINGINGI	KAGAARI NORTH
82	ACK ENA	KAGAARI SOUTH
83	NDUMARI	KAAGARI SOUTH
84	NGENIARI	KAGAARI SOUTH
85	KITHUNGUTHIA	KAGAARI SOUTH
86	UGWERI	KAGAARI SOUTH
87	KANDURI	KAGAARI SOUTH
88	D.E.B KARUMIRI	KAGAARI SOUTH
89	KAVURU	KAGAARI SOUTH
90	ST. FRANCIS KATHUGU	KAGAARI SOUTH
91	D.E.B GICHERA	KAGAARI SOUTH
92	CCM NTHAGAIYA	KAGAARI SOUTH
93	KANGONDI	KAGAARI SOUTH
94	KATHAMBAICONI	KAGAARI SOUTH
95	NICA MATURURI	KAGAARI SOUTH
96	MACUMO	KAGAARI SOUTH
97	S.A. GIKUURI	CENTRAL
98	D.E.B GICHICHE	CENTRAL
99	GITARE	CENTRAL
100	A.C.K. KAGAARI	CENTRAL
101	S.A. KIARIMUI	CENTRAL
102	GATINDA	CENTRAL
103	MWENENDEGA	CENTRAL
104	CCM KIGAA	CENTRAL
105	D.E.B NGARARI	CENTRAL
106	KATHURIRI	CENTRAL
107	D.E.B MUFU	KYENI NORTH
108	KIVURIA	KYENI NORTH
109	KIARAGANA	KYENI NORTH
110	RUKURIRI	KYENI NORTH
111	KATHARI	KYENI NORTH
112	KIANGUNGI	KYENI NORTH
113	MUGANJUKI	KYENI NORTH
114	GATUMBI	KYENI NORTH
115	IRIARI	KYENI NORTH

NO	NAME OF SCHOOL	WARD
116	NJERURI	KYENI NORTH
117	KARIGIRI BOARDING	KYENI NORTH
118	KITHARE	KYENI NORTH
119	KARURUMO	KYENI SOUTH
120	CIAMANDA	KYENI SOUTH
121	NYAGARI	KYENI SOUTH
122	KATHANJURI	KYENI SOUTH
123	KANDETE	KYENI SOUTH
124	ACK KATHUNGURI	KYENI SOUTH
125	KARIRU	KYENI SOUTH
126	KARUNGU	KYENI SOUTH
127	KIAMBOA	KYENI SOUTH
128	GAKWEGORI	KYENI SOUTH
129	KINTHITHE	KYENI SOUTH
130	S.A. KYENI	KYENI SOUTH
131	MAGACA	KYENI SOUTH
132	KAVETI	KYENI SOUTH
133	NEW APOSTOLIC NGUYORI	KYENI SOUTH
134	S.A. MUKURIA	KYENI SOUTH
135	CANNON HERBERT IKUURA	KYENI SOUTH
136	CCM KASAFARI	KYENI SOUTH
137	EAPC KANGINGA	KYENI SOUTH
138	D.E.B KARAGO	KYENI SOUTH
139	KIGUMO BOARDING	KYENI SOUTH
140	KABACHI	NTHAWA
141	MATHAI	NTHAWA
142	RIANDU	NTHAWA
143	KAMBARU	NTHAWA
144	KUNE	NTHAWA
145	MUCHONOKE	NTHAWA
146	CIANYI	NTHAWA
147	KIANAMU	NTHAWA
148	KWANDWAMBOGO	NTHAWA
149	KAGERI	NTHAWA
150	WITWA	NTHAWA
151	KAMUGU	NTHAWA
152	KATHITU	NTHAWA
153	KAUNGU	NTHAWA
154	MAKUNGURU	NTHAWA
155	MUNG'AU	NTHAWA
156	GIKUYARI	NTHAWA
157	SIKAGO	NTHAWA
158	MWONDU	NTHAWA
159	GICHERURI	NTHAWA
160	MBINGORI	NTHAWA

NO	NAME OF SCHOOL	WARD
161	GITIBURI	NTHAWA
162	KIANJERU	EVURORE
163	KATHANGARI	EVURORE
164	CIANGERA	EVURORE
165	NTAMBARI	EVURORE
166	NJARANGE	EVURORE
167	KANYUAMBORA	EVURORE
168	KAVENGERO	EVURORE
169	MUTHANTHARA	EVURORE
170	GATATHA	EVURORE
171	GITII	EVURORE
172	KYENIRE	EVURORE
173	GATORORORI	EVURORE
174	MBARAGA	EVURORE
175	KOGARI	EVURORE
176	NGOCE	EVURORE
177	NGARWERERI	EVURORE
178	KARIGIRI	EVURORE
179	KIANTHENGE	EVURORE
180	NTHIGIRANI	EVURORE
181	KUUI	EVURORE
182	KATHAGUTARI	EVURORE
183	KIRIGO	EVURORE
184	KAMUKANYA	EVURORE
185	OVARIRE	EVURORE
186	CIAIKUNGUGU	EVURORE
187	MBACHI	EVURORE
188	ITURURI	EVURORE
189	USAMBARA	EVURORE
190	NGUNYUMU	EVURORE
191	KATHIGAGACERU	EVURORE
192	KANYANGI	EVURORE
193	GWAKAITHI	EVURORE
194	KAMWAA	EVURORE
195	MANG'OTE	EVURORE
196	KARUARI	EVURORE
197	KAMIGUA	EVURORE
198	KIGWAMBITI	EVURORE
199	MUTIRIEGURU	EVURORE
200	MURANGU	EVURORE
201	MUGWANJOGU	EVURORE
202	IRIRI	EVURORE
203	KAMUTU	EVURORE
204	KANYUERI	EVURORE
205	KIATHAMBU	EVURORE

NO	NAME OF SCHOOL	WARD
206	KANGANGA	EVURORE
207	KAMBUNGU	EVURORE
208	KARANGARE	EVURORE
209	CIANTHIA	EVURORE
210	ST. MICHAEL GACURIRI	EVURORE
211	IBUTUKA	EVURORE
212	ST. LUKES CIANGERA	EVURORE
213	FUNYU	EVURORE
214	RWANJERU	EVURORE
215	MBARWARI	MUMINJI
216	KIAMUGONGO	MUMINJI
217	ITIIRA	MUMINJI
218	KANDOMBA	MUMINJI
219	NGIIRI	MUMINJI
220	KIRIE	MUMINJI
221	NDUTORI	MUMINJI
222	KAVUI	MUMINJI
223	NGUTHI	MUMINJI
224	MUKORORIA	MUMINJI
225	KIVUE	MUMINJI
226	KIANJOGU	MUMINJI
227	KARAMBARI	MUMINJI
228	GATOTHIA	MUMINJI
229	CIERIA	MUMINJI
230	MICHEGETHIU	MUMINJI
231	MIANJATIRI	MUMINJI
232	GANGARA	MUMINJI
233	RWAGORI	MUMINJI
234	GATAKARI	MUMINJI
235	KARIMARI	MUMINJI
236	NYANGWA	MAVURIA
237	GIKIRO	MAVURIA
238	GATURURI	MAVURIA
239	MUTUS	MAVURIA
240	KANOTHI	MAVURIA
241	IRABARI	MAVURIA
242	MACHANG'A	MAVURIA
243	NGIORI	MAVURIA
244	IRIAMURAI	MAVURIA
245	KABUGURI	MAVURIA
246	GATIRARI	MAVURIA
247	KIRATHE	MAVURIA
248	KERWA	MAVURIA
249	IGUMORI	MAVURIA
250	MAYORI	MAVURIA

NO	NAME OF SCHOOL	WARD
251	RUGOGWE	MAVURIA
252	KAMURUGU	MAVURIA
253	KIRITIRI	MAVURIA
254	KARWIRO	MAVURIA
255	KAMUKUNGA	MAVURIA
256	GIKONDI	MAVURIA
257	GATUMBIRI	MAVURIA
258	KAURARI	MAVURIA
259	CIORINDAGWA	MAVURIA
260	KATHURI	MAVURIA
261	KARUKI	MAVURIA
262	GATAKA	MAVURIA
263	KIAMUKUYU	MAVURIA
264	RURII	MAVURIA
265	KANDUKU	MAVURIA
266	KAMUTUANJIRU	MAVURIA
267	KANOTHI B (NGOCHI)	MAVURIA
268	MURINDI	MAVURIA
269	MAKUTANO	MWEA
270	KARUKU	MWEA
271	S.A GATEGI	MWEA
272	MAKAWANI	MWEA
273	AIC WANGO	MWEA
274	KAMWELI	MWEA
275	ACK KILIA	MWEA
276	KASEVENI	MWEA
277	GITARAKA	MWEA
278	KARABA	MWEA
279	WAKALIA	MWEA
280	IRIAITUNE	MWEA
281	CONS KILIA	MWEA
282	MUSINGUNI	MWEA
283	CONS KARABA	MWEA
284	AIC RIAKANAU	MWEA
285	KOMA	MWEA
286	KAMWIYENDEI	MWEA
287	ACK KAKINDU	MWEA
288	MAVIANI	MWEA
289	CCM WANGO	MWEA
290	WANDIGI	MWEA
291	KASEVE	MWEA
292	ACK NGOMOLA	MWEA
293	MALIKINI	MWEA
294	KATHIANI	MWEA
295	KITUNENI	MWEA

NO	NAME OF SCHOOL	WARD
296	IRARI	MWEA
297	NDUNGUNI	MAKIMA
298	MULUKUSI	MAKIMA
299	GIKURU	MAKIMA
300	MWANYANI	MAKIMA
301	MANYATI	MAKIMA
302	MAKIMA	MAKIMA
303	KALISA	MAKIMA
304	KIKUMINI	MAKIMA
305	N'THINGINI	MAKIMA
306	MBONDONI	MAKIMA
307	MUTHITHU	MAKIMA
308	MASHAMBA	MAKIMA
309	MBURUTANI	MAKIMA
310	AIC NDUNE	MAKIMA
311	KAKAWA	MAKIMA
312	KATUANYAGA	MAKIMA
313	CCM NDUNE	MAKIMA
314	UNGUNI	MAKIMA
315	NGECA	MAKIMA
316	KAMUNYAGIA	MAKIMA
317	UNYUANI	MAKIMA
318	KANYONGA	MAKIMA
319	KITOLOLONI	MAKIMA
320	MUTHIRU	MAKIMA
321	MWEA	MAKIMA
322	NAMURI	MAKIMA
323	KIKULANI	MAKIMA
324	URUA	MAKIMA
325	NJERU	MAKIMA
326	GWAKARIGU	KIAMBERE
327	KARURA	KIAMBERE
328	ST. MATTHEW GATETE	KIAMBERE
329	MUTUOBARE	KIAMBERE
330	KIAMBERE	KIAMBERE
331	RIACINA	KIAMBERE
332	MUTINDWA	KIAMBERE
333	N'THARAWA	KIAMBERE
334	NGAMBARI	KIAMBERE
335	KIRURIRI	KIAMBERE
336	IKOMENIE	KIAMBERE
337	ST. KIZITO	KIAMBERE
338	MARIMARI	KIAMBERE
339	KARIGURI	KIAMBERE
340	GACABARI	KIAMBERE

NO	NAME OF SCHOOL	WARD
341	KARIARI	KIAMBERE
342	ST. ANNE RUTUMBI	KIAMBERE
343	NYAMBORI	KIAMBERE
344	ST LUKES KATHENGE	KIAMBERE
345	ST MARKS CLAIRE	KIAMBERE
346	KAMAUNJU	KIAMBERE
347	NDITHIRI	KIAMBERE
348	MATENDENI-KENGEN	KIAMBERE
349	KIAMBERE-KENGEN	KIAMBERE
350	RIANJERU	MBETI SOUTH
351	NGENGE	MBETI SOUTH
352	KAMUNYANGE	MBETI SOUTH
353	AIC GACHURIRI	MBETI SOUTH
354	KANYARIRI	MBETI SOUTH
355	MURARU	MBETI SOUTH
356	KIAMURINGA	MBETI SOUTH
357	RIANGUU	MBETI SOUTH
358	KIRIMA	MBETI SOUTH
359	MINURI	MBETI SOUTH
360	NGANGARI	MBETI SOUTH
361	KUBURURI	MBETI SOUTH
362	MUTUGU	MBETI SOUTH
363	KIAMETHO	MBETI SOUTH
364	KANGUNGI	MBETI SOUTH
365	NGANDURI	MBETI SOUTH
366	YODER KARWIGI	MBETI SOUTH
367	CCM MUNYORI	MBETI SOUTH
368	J.N MWONGE	MBETI SOUTH
369	KANINWANTHIGA	MBETI SOUTH
370	MBITA	MBETI SOUTH
371	KAMWIMBI	MBETI SOUTH
372	KANGETA	MBETI SOUTH
373	KAWERU	MBETI SOUTH
374	RWETHE	MBETI SOUTH
375	RUGAKORI	MBETI SOUTH
376	MATHIGAMERU	MBETI SOUTH
377	ST. JOSEPH GACHURIRI	MBETI SOUTH
378	J.J.M NYAGA	MBETI SOUTH
379	NGUTHIRU (CBO)	MBETI SOUTH
380	ST. LUKES FOR THE DEAF	MBETI SOUTH

PRIVATE ECDE/ PRIMARY SCHOOLS

NO	NAME OF SCHOOL	SUB-COUNTY
1	CONSOLATA GIRLS	EMBU WEST

NO	NAME OF SCHOOL	SUB-COUNTY
2	ST. JOSEPH TARBES	EMBU WEST
3	EMBU FAITH SPRINGS	EMBU WEST
4	MOTHER ANGELINA	EMBU WEST
5	ST. PAUL PAROCHIAL	EMBU WEST
6	CHRISTINA ACADEMY	EMBU WEST
7	VICTORY PROGRESS	EMBU WEST
8	NEMBURE JUNIOR ACADEMY	EMBU WEST
9	BETHANY ACADEMY	EMBU WEST
10	ST. FRANCIS PROGRESSIVE	EMBU WEST
11	EMBU CHRISTIAN	EMBU WEST
12	EMMANUEL	EMBU WEST
13	ST. JOHN MILLENIUM FAITH ACADEMY	EMBU WEST
14	TENRI	EMBU WEST
15	EMBU KAWA	EMBU WEST
16	LIONS	EMBU WEST
17	CARLO LIVIERO	EMBU WEST
18	ST. PETER & PAUL	EMBU WEST
19	EMBU SHERPERD	EMBU WEST
20	MODERN GREEN	EMBU WEST
21	EVELYNE	EMBU WEST
22	BONANZA	EMBU WEST
23	OUR LADY OF ASSUMPTION	EMBU WEST
24	HAVARD JUNIOR	EMBU WEST
25	HAPPY LAND	EMBU WEST
26	EMBU VISION	EMBU WEST
27	ST. JOHN KIMANGARU	EMBU WEST
28	MUTHATARI ACADEMY	EMBU WEST
29	BLESSED JUNIOR ACADEMY	EMBU WEST
30	CHRISTINAS ACADEMY	EMBU WEST
31	BLESSED ACADEMY	EMBU WEST
32	VISION JUNIOR	EMBU WEST
33	JOYLAND JUNIOR ACADEMY	EMBU WEST
34	EMBU CHRISTIAN ACADEMY	EMBU WEST
35	EMBU NITOSHE ACADEMY	EMBU WEST
36	JACY WANGU	EMBU WEST
37	PCEA EMBU TOWN ACADEMY	EMBU WEST
38	TUMAINI	EMBU WEST
39	VICTORY PROGRESSIVE	EMBU WEST
40	ST. TARCISIUS	EMBU NORTH
41	ST AMBROSE	EMBU NORTH
42	LIGHTHOUSE	EMBU NORTH
43	QUEEN OF WISDOM	EMBU NORTH
44	OUR LADY CONSOLATION	EMBU NORTH
45	HOLY FAMILY	EMBU NORTH

NO	NAME OF SCHOOL	SUB-COUNTY
46	BRIGHTEN SHINE	EMBU NORTH
47	GITUARA MWALIMU JUNIOR	EMBU NORTH
48	ALL SAINTS MANYATTA	EMBU NORTH
49	ST. MARKS MODEL	EMBU NORTH
50	NICA GACHIIGI	EMBU NORTH
51	WAMUGIMA PROGRESSIVE	EMBU NORTH
52	ST. MONICA	EMBU NORTH
53	ST. EMILIO	EMBU NORTH
54	ST. PHILLIPS	EMBU NORTH
55	TUMAINI ACADEMY	EMBU NORTH
56	STARLIGHT ACADEMY	EMBU NORTH
57	ST. BASILIO ACADEMY	EMBU NORTH
58	FORMULA 8 ACADEMY	EMBU NORTH
59	SEED OF HOPE	EMBU NORTH
60	WERUS ACADEMY	MBEERE SOUTH
61	MSINGI BORA ACADEMY	MBEERE SOUTH
62	GAYA ACADEMY	MBEERE SOUTH
63	ST. MARY'S KANGETA	MBEERE SOUTH
64	JANSTIF ACADEMY	MBEERE SOUTH
65	ST. MARY'S MUNYORI	MBEERE SOUTH
66	BRIGHT FUTURE ACADEMY	MBEERE SOUTH
67	ANGELS OF MERCY	MBEERE SOUTH
68	BETTY ACADEMY	MBEERE SOUTH
69	GICHICHE PIONEER ACADEMY	MBEERE SOUTH
70	BETHEL EDUCATION CENTRE	MBEERE SOUTH
71	ROBERT AND KIKI ACADEMY	MBEERE SOUTH
72	ST MARY'S MAKUTANO	MBEERE SOUTH
73	MAKUTANO JUNIOR	MBEERE SOUTH
74	WANGO BOARDING	MBEERE SOUTH
75	ROCK ACADEMY	MBEERE SOUTH
76	GITARAKA CCI ACADEMY	MBEERE SOUTH
77	ST. JOHN ACK KARABA	MBEERE SOUTH
78	CCI KARABA	MBEERE SOUTH
79	ST. TERESA	MBEERE SOUTH
80	ST. JOSEPH ACADEMY	MBEERE SOUTH
81	SDA MARIARI	MBEERE SOUTH
82	MORNING STAR	MBEERE SOUTH
83	KIANDARI	EMBU EAST
84	ST. JOSEPH KATHUNGURI JUNIOR ACADEMY	EMBU EAST
85	ST. JOHN JUNIOR ACADEMY	EMBU EAST
86	JOYRIDER JUNIOR ACADEMY	EMBU EAST
87	METHODIST JUNIOR ACADEMY	EMBU EAST
88	SHAROM JUNIOR ACADEMY	EMBU EAST
89	ST. BARNABAS JUNIOR	EMBU EAST

NO	NAME OF SCHOOL	SUB-COUNTY
	ACADEMY	
90	MARATHON JUNIOR ACADEMY	EMBU EAST
91	VICTORY JUNIOR	EMBU EAST
92	ST. JAMES KARUNGU	EMBU EAST
93	MILLENIUM FOCUS	EMBU EAST
94	NEW KATHANJURI AGAD	EMBU EAST
95	ST. MICHAEL KIANGUNGI	EMBU EAST
96	ST. BARNABAT GACICO ACADEMY	EMBU EAST
97	PAROCHIAL ACADEMY	EMBU EAST
98	PLAINSVIEW ACADEMY	EMBU EAST
99	ST. JOSEPH KAITHEGE	EMBU EAST
100	ELIMA KIMS ACADEMY	EMBU EAST
101	GOLDMINE PRIMARY	EMBU EAST
102	IRANGI VICTORY ACADEMY	EMBU EAST
103	NICA ACADEMY	EMBU EAST
104	ST. MARY'S KANJA	EMBU EAST
105	EFFORT JUNIOR ACADEMY	EMBU EAST
106	FOREST VIEW ACADEMY	EMBU EAST
107	EMMANUEL PREPARATORY	EMBU EAST
108	ST. STEPHEN NICA	EMBU EAST
109	EBENEZAR JUNIOR ACADEMY	EMBU EAST
110	UGWERI QUALITY ACADEMY	EMBU EAST
111	NICE ACADEMY	EMBU EAST
112	SALOGATE ACADEMY	EMBU EAST
113	SUPREME ACADEMY	EMBU EAST
114	JOY BRINGERS ACADEMY	EMBU EAST
115	WINNERS PREPARATORY	EMBU EAST
116	J.M.I. PREPARATORY	EMBU EAST
117	SEVENTH DAY (AGAPE) PRIMARY	EMBU EAST
118	METHODIST ACADEMY	EMBU EAST
119	PRECIOUS JUNIOR ACADEMY	EMBU EAST
120	ST. KELVIN ACADEMY	EMBU EAST
121	ARK SCHOOLS COMPLEX	EMBU EAST
122	WINNERS MILLENIUM ACADEMY	EMBU EAST
123	S.D.A. ACADEMY	EMBU EAST
124	BIDII ACADEMY	EMBU EAST
125	JOYLAND ACADEMY	EMBU EAST
126	MSINGI BORA ACADEMY	EMBU EAST
127	NICA PRIMARY	EMBU EAST
128	ST. PATRICK PRIMARY	EMBU EAST
129	OUR LADY OF ANNUNCIATION	EMBU EAST
130	BRIGHT FUTURE ACADEMY	EMBU EAST

NO	NAME OF SCHOOL	SUB-COUNTY
131	GRACE METHODIST MISSION SCHOOL	EMBU EAST
132	ST. JOHN THE BAPTIST KATHUNGURI ACADEMY	EMBU EAST
133	ST. PAULS MUGUI ACADEMY	EMBU EAST
134	IVANGUARI	EMBU EAST
135	LITTLE ANGELS	EMBU EAST
136	ST. JAMES KATHUNGURI	EMBU EAST
137	HOPE SALOGATE	EMBU EAST
138	LUKAS VISION SCHOOL	EMBU EAST
139	MUKIMWA ACADEMY	EMBU EAST
140	SHALOM COMMUNITY ACADEMY	EMBU EAST
141	ST. PETROC PREMIER SCHOOL	EMBU EAST
142	HAMI ACADEMY	EMBU EAST
143	MUGUNE JUNIOUR ACADEMY	MBEERE NORTH
144	ST LUKES ACADEMY	MBEERE NORTH
145	ST. LUTHER ACADEMY	MBEERE NORTH
146	KENROB JUNIOUR ACADEMY	MBEERE NORTH
147	FEATHER'S EDUCATION CENTRE	MBEERE NORTH
148	MUGOIYO ACADEMY	MBEERE NORTH
149	HIGHRISE JUNIOUR ACADEMY	MBEERE NORTH
150	GOD'S GRACE ACADEMY	MBEERE NORTH
151	TUMAINI ACADEMY	MBEERE NORTH
152	PRECIOUS KIDS	MBEERE NORTH
153	MINIMAX ACADEMY	MBEERE NORTH
154	ST. TERESA FASCE	MBEERE NORTH
155	ZABA ACADEMY	MBEERE NORTH
156	ST.LUCY'S	MBEERE NORTH
157	IMMACULATE	MBEERE NORTH
158	MERCY ACADEMY	MBEERE NORTH
159	KINGS BRIDGE	MBEERE NORTH
160	ELLAS JUNIOUR ACADEMY	MBEERE NORTH
161	HARMONY PREMIER ACADEMY	MBEERE NORTH
162	MASHARIKI	MBEERE NORTH
163	MORNING STAR	MBEERE NORTH
164	VICTORY SUNRISE	MBEERE NORTH
165	ST. ANGELS	MBEERE NORTH
166	BRIGHT BASE	MBEERE NORTH
167	DON MARINO	MBEERE NORTH
168	MARYHILL	MBEERE NORTH
169	MUSTARD SEED	MBEERE NORTH
170	THE PROMISE	MBEERE NORTH
171	KATHARARA VICTORIA	MBEERE NORTH

NO	NAME OF SCHOOL	SUB-COUNTY
172	NICODEMUS	MBEERE NORTH
173	PIONEER	MBEERE NORTH
174	GANGARA BRIGHT	MBEERE NORTH
175	FOUNTAIN	MBEERE NORTH
176	HILL CREST	MBEERE NORTH
177	VINE YARD	MBEERE NORTH
178	ST. ANTHONY	MBEERE NORTH
179	BONDENI	MBEERE NORTH
180	VICTORIA ACADEMY	MBEERE NORTH

PUBLIC PRIMARY SCHOOLS

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
1	ACK IGUMO	MANYATTA	GATURI SOUTH
2	CCM NEMBURE	MANYATTA	GATURI SOUTH
3	MBUKORI	MANYATTA	GATURI SOUTH
4	RUNG'AMG'A	MANYATTA	GATURI SOUTH
5	CCM NGOIRE	MANYATTA	GATURI SOUTH
6	TENDE	MANYATTA	GATURI SOUTH
7	KIHUMBU	MANYATTA	GATURI SOUTH
8	ST. MICHAEL	MANYATTA	KIRIMARI
9	DEB NTHAMBO	MANYATTA	KIRIMARI
10	EMBU URBAN	MANYATTA	KIRIMARI
11	KANGARU	MANYATTA	KIRIMARI
12	NJUKIRI	MANYATTA	KIRIMARI
13	ST.MONICA SPECIAL SCH	MANYATTA	KIRIMARI
14	EMBU COUNTY	MANYATTA	KIRIMARI
15	GITURI	MANYATTA	KIRIMARI
16	GATOORI	MANYATTA	KIRIMARI
17	JOSEPH ALLOMANO	MANYATTA	KITHIMU
18	DEB RUKIRA	MANYATTA	KITHIMU
19	KAMUTHATHA	MANYATTA	KITHIMU
20	KITHEGI	MANYATTA	KITHIMU
21	ITHANGAWE	MANYATTA	KITHIMU
22	ST.ANDREWS	MANYATTA	KITHIMU
23	KITHIMU	MANYATTA	KITHIMU
24	KIANDUNDU	MANYATTA	KITHIMU
25	ITABUA	MANYATTA	MBETI NORTH
26	KIMANGARU	MANYATTA	MBETI NORTH
27	GATTURI	MANYATTA	MBETI NORTH
28	KAMIU	MANYATTA	MBETI NORTH

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
29	GATUNDURI	MANYATTA	MBETI NORTH
30	GATONDO	MANYATTA	MBETI NORTH
31	IVECHE	MANYATTA	MBETI NORTH
32	GAKINDURIRI	MANYATTA	MBETI NORTH
33	KIANGIMA	MANYATTA	MBETI NORTH
34	KAIRURI	MANYATTA	NGANDORI/RUGURU
35	KAMVIU	MANYATTA	NGANDORI/RUGURU
36	KIRIARI	MANYATTA	NGANDORI/RUGURU
37	MUKANGU	MANYATTA	NGANDORI/RUGURU
38	KIANGOCI	MANYATTA	NGANDORI/RUGURU
39	KENGA	MANYATTA	NGANDORI/RUGURU
40	KIGARI	MANYATTA	NGANDORI/RUGURU
41	NGIMARI	MANYATTA	NGANDORI/RUGURU
42	KARURIRI	MANYATTA	NGANDORI/RUGURU
43	KIRIGI	MANYATTA	NGANDORI/RUGURU
44	ACK KATHANGARIRI	MANYATTA	NGINDA
45	GICHERORI PRY	MANYATTA	NGINDA
46	ST. FRANCIS NGUVIU	MANYATTA	NGINDA
47	KIBUGU	MANYATTA	NGINDA
48	KATHUNIRI	MANYATTA	NGINDA
49	KITHUNGURIRI	MANYATTA	NGINDA
50	GATWE	MANYATTA	NGINDA
51	ST PAUL MBUVORI	MANYATTA	NGINDA
52	ST HELLEN KARIMARI	MANYATTA	NGINDA
53	KARAU	MANYATTA	NGINDA
54	RUTUNE	MANYATTA	NGINDA
55	KAGUMORI	MANYATTA	NGINDA
56	MUVANDORI	MANYATTA	NGINDA
57	KARUMIRI	MANYATTA	NGINDA
58	RUGUMU	MANYATTA	NGINDA
59	NDUNDA	MANYATTA	NGINDA
60	CIAIKUNGUGU	MBEERE NORTH	EVURORE
61	CIANGERA	MBEERE NORTH	EVURORE
62	CIANTHIA	MBEERE NORTH	EVURORE
63	GACHURIRI	MBEERE NORTH	EVURORE
64	GATATHA	MBEERE NORTH	EVURORE
65	GATORORORI	MBEERE NORTH	EVURORE
66	GITII	MBEERE NORTH	EVURORE
67	GWAKAITHI	MBEERE NORTH	EVURORE
68	IBUTUKA	MBEERE NORTH	EVURORE
69	IRIRI	MBEERE NORTH	EVURORE
70	ITURURI	MBEERE NORTH	EVURORE
71	KAMBUNGU	MBEERE NORTH	EVURORE
72	KAMIGUA	MBEERE NORTH	EVURORE
73	KAMUKANYA	MBEERE NORTH	EVURORE

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
74	KAMUTU	MBEERE NORTH	EVURORE
75	KAMWAA	MBEERE NORTH	EVURORE
76	KANGANGA	MBEERE NORTH	EVURORE
77	KANYANGI	MBEERE NORTH	EVURORE
78	KANYUAMBORA	MBEERE NORTH	EVURORE
79	KANYUERI	MBEERE NORTH	EVURORE
80	KARANGARE	MBEERE NORTH	EVURORE
81	KARIGIRI	MBEERE NORTH	EVURORE
82	KARUARI	MBEERE NORTH	EVURORE
83	KATHAGUTARI	MBEERE NORTH	EVURORE
84	KATHANGARI	MBEERE NORTH	EVURORE
85	KATHIGAGACERU	MBEERE NORTH	EVURORE
86	KAVENGERO	MBEERE NORTH	EVURORE
87	KIANJERU	MBEERE NORTH	EVURORE
88	KIATHAMBU	MBEERE NORTH	EVURORE
89	KIATHENGE	MBEERE NORTH	EVURORE
90	KIGWAMBITI	MBEERE NORTH	EVURORE
91	KIRIGO	MBEERE NORTH	EVURORE
92	KOGARI	MBEERE NORTH	EVURORE
93	KUUI	MBEERE NORTH	EVURORE
94	KYENIRE	MBEERE NORTH	EVURORE
95	MANGOTE	MBEERE NORTH	EVURORE
96	MBACHI	MBEERE NORTH	EVURORE
97	MBARAGA	MBEERE NORTH	EVURORE
98	MUGWANJOGU	MBEERE NORTH	EVURORE
99	MURANGU	MBEERE NORTH	EVURORE
100	MUTHANTHARA	MBEERE NORTH	EVURORE
101	MUTIRIEGURU	MBEERE NORTH	EVURORE
102	NGARWERERI	MBEERE NORTH	EVURORE
103	NGOCE	MBEERE NORTH	EVURORE
104	NGUNYUMU	MBEERE NORTH	EVURORE
105	NJARANGE	MBEERE NORTH	EVURORE
106	N'THAMBARI	MBEERE NORTH	EVURORE
107	N'THIGIRANI	MBEERE NORTH	EVURORE
108	OVARIRE	MBEERE NORTH	EVURORE
109	RWANJERU	MBEERE NORTH	EVURORE
110	ST. PETER'S	MBEERE NORTH	EVURORE
111	USAMBARA	MBEERE NORTH	EVURORE
112	CIERIA	MBEERE NORTH	MUMINJI
113	GANGARA	MBEERE NORTH	MUMINJI
114	GATAKARI	MBEERE NORTH	MUMINJI
115	GATOTHIA	MBEERE NORTH	MUMINJI
116	ITIIRA	MBEERE NORTH	MUMINJI
117	KANDOMBA	MBEERE NORTH	MUMINJI
118	KARAMBARI	MBEERE NORTH	MUMINJI

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
119	KARIMARI	MBEERE NORTH	MUMINJI
120	KAVUI	MBEERE NORTH	MUMINJI
121	KIAMUGONGO	MBEERE NORTH	MUMINJI
122	KIANJOGU	MBEERE NORTH	MUMINJI
123	KIRIE	MBEERE NORTH	MUMINJI
124	KIVUE	MBEERE NORTH	MUMINJI
125	MBARWARI	MBEERE NORTH	MUMINJI
126	MIANJATIRI	MBEERE NORTH	MUMINJI
127	MICHEGETHIU	MBEERE NORTH	MUMINJI
128	MUKORORIA	MBEERE NORTH	MUMINJI
129	NDUTORI	MBEERE NORTH	MUMINJI
130	NGIIRI	MBEERE NORTH	MUMINJI
131	NGUTHI	MBEERE NORTH	MUMINJI
132	RWAGORI	MBEERE NORTH	MUMINJI
133	CIANYI	MBEERE NORTH	NTHAWA
134	GIKUYARI	MBEERE NORTH	NTHAWA
135	GITIBURI	MBEERE NORTH	NTHAWA
136	KABACHI	MBEERE NORTH	NTHAWA
137	KAGERI	MBEERE NORTH	NTHAWA
138	KAMBARU	MBEERE NORTH	NTHAWA
139	KAMUGU	MBEERE NORTH	NTHAWA
140	KATHITU	MBEERE NORTH	NTHAWA
141	KAUNGU	MBEERE NORTH	NTHAWA
142	KIANAMU	MBEERE NORTH	NTHAWA
143	KUNE	MBEERE NORTH	NTHAWA
144	KWADWAMBOGO	MBEERE NORTH	NTHAWA
145	MAKUNGURU	MBEERE NORTH	NTHAWA
146	MATHAI	MBEERE NORTH	NTHAWA
147	MUCHONOKE	MBEERE NORTH	NTHAWA
148	MUNGAU	MBEERE NORTH	NTHAWA
149	MWONDU	MBEERE NORTH	NTHAWA
150	RIANDU	MBEERE NORTH	NTHAWA
151	SIKAGO	MBEERE NORTH	NTHAWA
152	WITWA	MBEERE NORTH	NTHAWA
153	NTHARAWA	MBEERE SOUTH	KIAMBERE
154	ST. LUKE KANTHENGE	MBEERE SOUTH	KIAMBERE
155	KIRIA	MBEERE SOUTH	KIAMBERE
156	ST. KIZITO KINYAGA	MBEERE SOUTH	KIAMBERE
157	MARIARI	MBEERE SOUTH	KIAMBERE
158	MUTUOBARE	MBEERE SOUTH	KIAMBERE
159	RIACIINA	MBEERE SOUTH	KIAMBERE
160	IKOMENIE	MBEERE SOUTH	KIAMBERE
161	KIRURIRI	MBEERE SOUTH	KIAMBERE
162	GWAKARIGU	MBEERE SOUTH	KIAMBERE
163	ST. MATHEW GATETE	MBEERE SOUTH	KIAMBERE

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
164	MUTINDWA	MBEERE SOUTH	KIAMBERE
165	ST. ANN RUTUMBI	MBEERE SOUTH	KIAMBERE
166	KARURA	MBEERE SOUTH	KIAMBERE
167	GACABARI	MBEERE SOUTH	KIAMBERE
168	KIAMBERE COMP	MBEERE SOUTH	KIAMBERE
169	KIAMBERE	MBEERE SOUTH	KIAMBERE
170	KARIGURI	MBEERE SOUTH	KIAMBERE
171	NDITHIRI	MBEERE SOUTH	KIAMBERE
172	NGAMBARI	MBEERE SOUTH	KIAMBERE
173	NYAMBORI	MBEERE SOUTH	KIAMBERE
174	AIC NTHINGINI	MBEERE SOUTH	MAKIMA
175	AIC KATHIANI	MBEERE SOUTH	MAKIMA
176	ACK RIAKANAU	MBEERE SOUTH	MAKIMA
177	ACK KILIA	MBEERE SOUTH	MAKIMA
178	ACK NGOMOLA	MBEERE SOUTH	MAKIMA
179	KAMUNYAGIA	MBEERE SOUTH	MAKIMA
180	CCM MUTHIRU	MBEERE SOUTH	MAKIMA
181	ACK MANTATI	MBEERE SOUTH	MAKIMA
182	GIKURU	MBEERE SOUTH	MAKIMA
183	IRARI	MBEERE SOUTH	MAKIMA
184	KATUANYAGA	MBEERE SOUTH	MAKIMA
185	KITOLOLONI	MBEERE SOUTH	MAKIMA
186	MWANYANI	MBEERE SOUTH	MAKIMA
187	CCM NDUNE	MBEERE SOUTH	MAKIMA
188	CCM NAMURI	MBEERE SOUTH	MAKIMA
189	AIC NDUNE	MBEERE SOUTH	MAKIMA
190	MBURUTANI	MBEERE SOUTH	MAKIMA
191	MULUKUSI	MBEERE SOUTH	MAKIMA
192	MWEA	MBEERE SOUTH	MAKIMA
193	MASHAMBA	MBEERE SOUTH	MAKIMA
194	KANYONGA	MBEERE SOUTH	MAKIMA
195	CCM KAKAWA	MBEERE SOUTH	MAKIMA
196	MBONDONI	MBEERE SOUTH	MAKIMA
197	KALISA	MBEERE SOUTH	MAKIMA
198	DEB NGECA	MBEERE SOUTH	MAKIMA
199	MAKIMA	MBEERE SOUTH	MAKIMA
200	URUA	MBEERE SOUTH	MAKIMA
201	NDUNGUNI	MBEERE SOUTH	MAKIMA
202	NJERU	MBEERE SOUTH	MAKIMA
203	UNGUNI	MBEERE SOUTH	MAKIMA
204	KAMAUNJU	MBEERE SOUTH	MAVURIA
205	GATAKA	MBEERE SOUTH	MAVURIA
206	GIKIRO	MBEERE SOUTH	MAVURIA
207	KANOTHI	MBEERE SOUTH	MAVURIA
208	KAURARI	MBEERE SOUTH	MAVURIA

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
209	MUTUS	MBEERE SOUTH	MAVURIA
210	RUGOGWE	MBEERE SOUTH	MAVURIA
211	IGUMORI	MBEERE SOUTH	MAVURIA
212	IRABARI	MBEERE SOUTH	MAVURIA
213	GIKONDI	MBEERE SOUTH	MAVURIA
214	NGIORI	MBEERE SOUTH	MAVURIA
215	KERWA	MBEERE SOUTH	MAVURIA
216	MAYORI	MBEERE SOUTH	MAVURIA
217	CIORINDAGWA	MBEERE SOUTH	MAVURIA
218	IRIAMURAI	MBEERE SOUTH	MAVURIA
219	KIAMUKUYU	MBEERE SOUTH	MAVURIA
220	DEB KATHURI	MBEERE SOUTH	MAVURIA
221	KARWIRO	MBEERE SOUTH	MAVURIA
222	KAMURUGU	MBEERE SOUTH	MAVURIA
223	KARUKI	MBEERE SOUTH	MAVURIA
224	GATIRARI	MBEERE SOUTH	MAVURIA
225	KIRATHE	MBEERE SOUTH	MAVURIA
226	KAMUTUANJIRU	MBEERE SOUTH	MAVURIA
227	GATUMBIRI	MBEERE SOUTH	MAVURIA
228	KANDUKU	MBEERE SOUTH	MAVURIA
229	RURII	MBEERE SOUTH	MAVURIA
230	MACHANG'A	MBEERE SOUTH	MAVURIA
231	GATURURI	MBEERE SOUTH	MAVURIA
232	KABUGURI	MBEERE SOUTH	MAVURIA
233	KIRITIRI	MBEERE SOUTH	MAVURIA
234	SEVENFORKS	MBEERE SOUTH	MAVURIA
235	KAMUKUNGA	MBEERE SOUTH	MAVURIA
236	Rugakori	MBEERE SOUTH	MBETI SOUTH
237	DEB Muraru	MBEERE SOUTH	MBETI SOUTH
238	St. Lukes S.F.D	MBEERE SOUTH	MBETI SOUTH
239	Kiamuringa	MBEERE SOUTH	MBETI SOUTH
240	J.N Mwonge	MBEERE SOUTH	MBETI SOUTH
241	St. Joseph Gachuriri	MBEERE SOUTH	MBETI SOUTH
242	Kaninwanthiga	MBEERE SOUTH	MBETI SOUTH
243	Rianguu	MBEERE SOUTH	MBETI SOUTH
244	Kangungi	MBEERE SOUTH	MBETI SOUTH
245	Ngenge	MBEERE SOUTH	MBETI SOUTH
246	AIC Gachuriri	MBEERE SOUTH	MBETI SOUTH
247	Kanyariri	MBEERE SOUTH	MBETI SOUTH
248	Yoder Karwigi	MBEERE SOUTH	MBETI SOUTH
249	Rianjeru	MBEERE SOUTH	MBETI SOUTH
250	Kangeta	MBEERE SOUTH	MBETI SOUTH
251	Ngangari	MBEERE SOUTH	MBETI SOUTH
252	JJM Nyaga	MBEERE SOUTH	MBETI SOUTH
253	KAWERU	MBEERE SOUTH	MBETI SOUTH

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
254	KAMWIMBI	MBEERE SOUTH	MBETI SOUTH
255	KAMUNYANGE	MBEERE SOUTH	MBETI SOUTH
256	KABURURI	MBEERE SOUTH	MBETI SOUTH
257	KIAMETHO	MBEERE SOUTH	MBETI SOUTH
258	KIRIMA	MBEERE SOUTH	MBETI SOUTH
259	CCM MUNYORI	MBEERE SOUTH	MBETI SOUTH
260	MINURI	MBEERE SOUTH	MBETI SOUTH
261	MUTUGU	MBEERE SOUTH	MBETI SOUTH
262	MATHIGAMERU	MBEERE SOUTH	MBETI SOUTH
263	MURINDI	MBEERE SOUTH	MBETI SOUTH
264	MBITA	MBEERE SOUTH	MBETI SOUTH
265	NYANGWA	MBEERE SOUTH	MBETI SOUTH
266	DEB NGANDURI	MBEERE SOUTH	MBETI SOUTH
267	RWETHE	MBEERE SOUTH	MBETI SOUTH
268	KARABA	MBEERE SOUTH	MWEA
269	IRIATUNE	MBEERE SOUTH	MWEA
270	KIKUMINI	MBEERE SOUTH	MWEA
271	MAVIANI	MBEERE SOUTH	MWEA
272	AIC WANGO	MBEERE SOUTH	MWEA
273	UNYUANI	MBEERE SOUTH	MWEA
274	KASEVENI	MBEERE SOUTH	MWEA
275	CONSOLATA KARABA	MBEERE SOUTH	MWEA
276	GITARAKA	MBEERE SOUTH	MWEA
277	MAKUTANO	MBEERE SOUTH	MWEA
278	MAKAWANI	MBEERE SOUTH	MWEA
279	KARUKU	MBEERE SOUTH	MWEA
280	WAKALIA	MBEERE SOUTH	MWEA
281	KAMWELI	MBEERE SOUTH	MWEA
282	ACK KAKINDU	MBEERE SOUTH	MWEA
283	S.A. GATEGI	MBEERE SOUTH	MWEA
284	KAMWIYENDEI	MBEERE SOUTH	MWEA
285	CCM COMA	MBEERE SOUTH	MWEA
286	KITUNENI	MBEERE SOUTH	MWEA
287	CCM MUSINGINI	MBEERE SOUTH	MWEA
288	CONSOLATA KILIA	MBEERE SOUTH	MWEA
289	AIC KASEVE	MBEERE SOUTH	MWEA
290	ACK MALIKINI	MBEERE SOUTH	MWEA
291	CCM KERURI	RUNYENJES	GATURI NORTH
292	CCM KEVOTE	RUNYENJES	GATURI NORTH
293	KARUE	RUNYENJES	GATURI NORTH
294	CONSOLATA	RUNYENJES	GATURI NORTH
295	ST. PHILIPS MAKENGI	RUNYENJES	GATURI NORTH
296	ST. JOSEPH KEVOTE	RUNYENJES	GATURI NORTH
297	KIANJUKI	RUNYENJES	GATURI NORTH
298	S.A MANYATTA	RUNYENJES	GATURI NORTH

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
299	KIANJOKOMA DAY	RUNYENJES	GATURI NORTH
300	KIANJOKOMA BOARDING	RUNYENJES	GATURI NORTH
301	MUCHAGORI	RUNYENJES	GATURI NORTH
302	GICHUGU	RUNYENJES	GATURI NORTH
303	D.E.B KAVUTIRI	RUNYENJES	GATURI NORTH
304	D.E.B MWENENDEGA	RUNYENJES	CENTRAL
305	C.C.M KIGAA	RUNYENJES	CENTRAL
306	S.A. KIARIMUI	RUNYENJES	CENTRAL
307	N.I.C.A KATHURIRI	RUNYENJES	CENTRAL
308	S.A. GIKUURI	RUNYENJES	CENTRAL
309	D.E.B GICHICHE	RUNYENJES	CENTRAL
310	D.E.B GITARE	RUNYENJES	CENTRAL
311	A.C.K KAGAARI	RUNYENJES	CENTRAL
312	ST PAULS GATINDA	RUNYENJES	CENTRAL
313	D.E.B NGARARI	RUNYENJES	CENTRAL
314	KATHAMBAICONI	RUNYENJES	KAGAARI SOUTH
315	KANDURI PRIMARY	RUNYENJES	KAGAARI SOUTH
316	C.C.M NTHAGAIYA	RUNYENJES	KAGAARI SOUTH
317	ST. FRANCIS KATHUGU	RUNYENJES	KAGAARI SOUTH
318	A.C.K ENA PRIMARY	RUNYENJES	KAGAARI SOUTH
319	D.E.B GICHERA	RUNYENJES	KAGAARI SOUTH
320	KAVURU PRIMARY	RUNYENJES	KAAGARI SOUTH
321	C.C.M KANGONDI	RUNYENJES	KAGAARI SOUTH
322	D.E.B. MACUMO	RUNYENJES	KAGAARI SOUTH
323	D.E.B KITHUNGUTHIA	RUNYENJES	KAGAARI SOUTH
324	UGWERI PRIMARY	RUNYENJES	KAGAARI SOUTH
325	NICA MATURURI	RUNYENJES	KAGAARI SOUTH
326	A.C.K NDUMARI	RUNYENJES	KAGAARI SOUTH
327	D.E.B KARUMIRI	RUNYENJES	KAGAARI SOUTH
328	D.E.B. NGENIARI	RUNYENJES	KAGAARI SOUTH
329	C.C.M KIVURIA PRIMARY	RUNYENJES	KYENI NORTH
330	N.I.C.A MUGANJUKI	RUNYENJES	KYENI NORTH
331	C.C.M KIARAGANA	RUNYENJES	KYENI NORTH
332	RUKIRIRI PRIMARY	RUNYENJES	KYENI NORTH
333	NJERURI PRIMARY	RUNYENJES	KYENI NORTH
334	GATUMBI BAPTIST	RUNYENJES	KYENI NORTH
335	D.E.B KIANGUNGI	RUNYENJES	KYENI NORTH
336	ST. MICHAEL KARIGIRI	RUNYENJES	KYENI NORTH
337	ST. BARNABAS KATHARI	RUNYENJES	KYENI NORTH
338	D.E.B MUFU	RUNYENJES	KYENI NORTH
339	IRIARI PRIMARY	RUNYENJES	KYENI NORTH
340	N.I.C.A KITHARE	RUNYENJES	KYENI NORTH
341	KUBUKUBU BOARDING	RUNYENJES	KAGAARI NORTH
342	S.A NDUURI PRIMARY	RUNYENJES	KAGAARI NORTH
343	C.C.M. MUGUI	RUNYENJES	KAGAARI NORTH

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
344	ST. THOMAS KAMUGERE	RUNYENJE'S	KAGAARI NORTH
345	KATHANDE PRIMARY	RUNYENJE'S	KAGAARI NORTH
346	A.C.K. KANJA	RUNYENJE'S	KAGAARI NORTH
347	THINGINGI PRIMARY	RUNYENJE'S	KAGAARI NORTH
348	ST. JOSEPH MUNYUTU	RUNYENJE'S	KAGAARI NORTH
349	IRANGI PRIMARY	RUNYENJE'S	KAGAARI NORTH
350	C.C.M MBUINJERU	RUNYENJE'S	KAGAARI NORTH
351	D.E.B MURAGARI	RUNYENJE'S	KAGAARI NORTH
352	ST. JOHNS GAIKAMA	RUNYENJE'S	KAGAARI NORTH
353	KAVETI PRIMARY	RUNYENJE'S	KYENI SOUTH
354	E.A.P.C KARIRU	RUNYENJE'S	KYENI SOUTH
355	KARUNGU PRIMARY	RUNYENJE'S	KYENI SOUTH
356	GAKWEGORI PRIMARY	RUNYENJE'S	KYENI SOUTH
357	S.A. MUKURIA	RUNYENJE'S	KYENI SOUTH
358	KARAGO PRIMARY	RUNYENJE'S	KYENI SOUTH
359	CIAMANDA PRIMARY	RUNYENJE'S	KYENI SOUTH
360	S.A.KYENI PRIMARY	RUNYENJE'S	KYENI SOUTH
361	SACRED HEART KYENI	RUNYENJE'S	KYENI SOUTH
362	MAGACA PRIMARY	RUNYENJE'S	KYENI SOUTH
363	KIGUMO BOARDING	RUNYENJE'S	KYENI SOUTH
364	KIAMBOA PRIMARY	RUNYENJE'S	KYENI SOUTH
365	A.C.K KATHUNGURI	RUNYENJE'S	KYENI SOUTH
366	KASAFARI PRIMARY	RUNYENJE'S	KYENI SOUTH
367	KANDETE PRIMARY	RUNYENJE'S	KYENI SOUTH
368	NYAGARI PRIMARY	RUNYENJE'S	KYENI SOUTH
369	ACK KATHANJURE	RUNYENJE'S	KYENI SOUTH
370	C.C.M KINTHITHE	RUNYENJE'S	KYENI SOUTH
371	KARURUMO	RUNYENJE'S	KYENI SOUTH
372	NEW APOSTOLIC NGUYORI	RUNYENJE'S	KYENI SOUTH
373	CANON HERBERT IKUURA	RUNYENJE'S	KYENI SOUTH
374	E.A.P.C KANGINGA	RUNYENJE'S	KYENI SOUTH

PUBLIC SECONDARY SCHOOLS

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
1	MOI MBIRURI	RUNYENJES	CENTRAL
2	GICHICHE GIRLS	RUNYENJES	CENTRAL
3	GITARE	RUNYENJES	CENTRAL
4	ST. MARY'S KIGAA	RUNYENJES	CENTRAL
5	S.A. GIKUURI	RUNYENJES	CENTRAL
6	ACK KAGAARI DAY	RUNYENJES	CENTRAL
7	ST. PAUL'S HIGH SCHOOL – KEVOTE	RUNYENJES	GATURI NORTH

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
8	S.A. MANYATTA MIXED	RUNYENJES	GATURI NORTH
9	KAVUTIRI BOYS	RUNYENJES	GATURI NORTH
10	ST. JOHNS KIANJUKI	RUNYENJES	GATURI NORTH
11	DEB KAVUTIRI	RUNYENJES	GATURI NORTH
12	KIANJOKOMA DAY	RUNYENJES	GATURI NORTH
13	ST. JOSEPH M'TETU	RUNYENJES	GATURI NORTH
14	ST. MICHAEL KEVOTE	RUNYENJES	GATURI NORTH
15	GATURI	RUNYENJES	GATURI NORTH
16	THINGINGI GIRLS	RUNYENJES	KAGAARI NORTH
17	ST. JOHN'S KATHANDE	RUNYENJES	KAGAARI NORTH
18	MURAGARI	RUNYENJES	KAGAARI NORTH
19	ST. JOHN FISHERS MBUINJERU	RUNYENJES	KAGAARI NORTH
20	S.A. NDUURI	RUNYENJES	KAGAARI NORTH
21	ST. MARY GORETHI	RUNYENJES	KAGAARI NORTH
22	MUGUI	RUNYENJES	KAGAARI NORTH
23	ST. CATHERINE NTHAGAIYA	RUNYENJES	KAGAARI SOUTH
24	ST. FRANCIS KANJA	RUNYENJES	KAGAARI SOUTH
25	ST MARK'S ENA	RUNYENJES	KAGAARI SOUTH
26	UGWERI MIXED	RUNYENJES	KAGAARI SOUTH
27	DEB KITHUNGUTHIA	RUNYENJES	KAGAARI SOUTH
28	ST. THOMAS AQUINAS – NTHAGAIYA	RUNYENJES	KAGAARI SOUTH
29	ACK NDUMARI	RUNYENJES	KAGAARI SOUTH
30	MACUMO	RUNYENJES	KAGAARI SOUTH
31	KIANGUNGI BAPTIST	RUNYENJES	KYENI NORTH
32	MUFU	RUNYENJES	KYENI NORTH
33	ST. BARNABAS KATHARI	RUNYENJES	KYENI NORTH
34	ST. ANTHONY KIVURIA	RUNYENJES	KYENI NORTH
35	GATUMBI BAPTIST	RUNYENJES	KYENI NORTH
36	KYENI GIRLS	RUNYENJES	KYENI SOUTH
37	KEGONGE BOYS	RUNYENJES	KYENI SOUTH
38	ST. AGNES KIAGANARI	RUNYENJES	KYENI SOUTH
39	S.A. KYENI GIRLS	RUNYENJES	KYENI SOUTH
40	ST. JOHN KATHUNGURI	RUNYENJES	KYENI SOUTH
41	ST. GETRUDE KINTHITHE	RUNYENJES	KYENI SOUTH
42	ST. FRANCIS CIAMANDA	RUNYENJES	KYENI SOUTH
43	ST. JUDE KARURUMO	RUNYENJES	KYENI SOUTH
44	S.A. MUKURIA	RUNYENJES	KYENI SOUTH
45	EAPC KARIRU	RUNYENJES	KYENI SOUTH
46	NYAGARI	RUNYENJES	KYENI SOUTH
47	ST. PAUL KIAMBOA	RUNYENJES	KYENI SOUTH
48	ST. FRANCIS NGOIRE	MANYATTA	GATURI SOUTH
49	ST. CHRISTOPHER SCHOOL- NEMBURE	MANYATTA	GATURI SOUTH

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
50	KANGARU GIRLS	MANYATTA	KIRIMARI
51	ST. MICHAEL MUNICIPALITY DAY	MANYATTA	KIRIMARI
52	EMBU COUNTY	MANYATTA	KIRIMARI
53	DEB KANGARU	MANYATTA	KIRIMARI
54	NTHAMBO SECONDARY	MANYATTA	KIRIMARI
55	KIRIMARI BOYS	MANYATTA	KIRIMARI
56	KANGARU BOYS	MANYATTA	KIRIMARI
57	ST. TERESAS KITHIMU	MANYATTA	KITHIMU
58	RUKIRA DAY	MANYATTA	KITHIMU
59	ST. BENEDICTS KITHIMU	MANYATTA	KITHIMU
60	KITHEGI	MANYATTA	KITHIMU
61	ST. LUKES DAY KARURINA	MANYATTA	MBETI NORTH
62	KIMANGARU	MANYATTA	MBETI NORTH
63	ST. PETERS GATTURI	MANYATTA	MBETI NORTH
64	GATUNDURI	MANYATTA	MBETI NORTH
65	ST. MARY'S KIANGIMA	MANYATTA	MBETI NORTH
66	ITABUA	MANYATTA	MBETI NORTH
67	GATONDO	MANYATTA	MBETI NORTH
68	KAMIU	MANYATTA	MBETI NORTH
69	KIRIGI DAY	MANYATTA	NGANDORI/RUGURU
70	KIRIARI DAY	MANYATTA	NGANDORI/RUGURU
71	DEB KAIRURI	MANYATTA	NGANDORI/RUGURU
72	KIRIARI GIRLS	MANYATTA	NGANDORI/RUGURU
73	KAMVIU	MANYATTA	NGANDORI/RUGURU
74	ST. MARY'S MIXED DAY – MUKANGU	MANYATTA	NGANDORI/RUGURU
75	ST. MARTHA GATOORI	MANYATTA	NGANDORI/RUGURU
76	KAMAMA BOYS	MANYATTA	NGANDORI/RUGURU
77	ALL SAINTS	MANYATTA	NGANDORI/RUGURU
78	NGUVIU BOYS	MANYATTA	NGINDA
79	ST. JOSEPH THE WORKER – KATHUNIRI	MANYATTA	NGINDA
80	ST. PETER'S KATHAKWA	MANYATTA	NGINDA
81	NGUVIU GIRLS	MANYATTA	NGINDA
82	ST. ALPHONSE MIXED DAY	MANYATTA	NGINDA
83	ST. PETER'S KAGUMORI	MANYATTA	NGINDA
84	MUVANDORI SEC	MANYATTA	NGINDA
85	KITHUNGURIRI	MANYATTA	NGINDA
86	ST. BENEDICTS SEC. SCH - KARAU	MANYATTA	NGINDA
87	ACK EMMANUEL CIANTHIA	MBEERE NORTH	EVURORE
88	GITHI	MBEERE NORTH	EVURORE
89	JOHN XXIII GWAKATHI	MBEERE NORTH	EVURORE
90	ACK KAMUTU	MBEERE NORTH	EVURORE
91	ST. LUKES KAMWAA	MBEERE NORTH	EVURORE

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
92	KANYUAMBORA	MBEERE NORTH	EVURORE
93	KANYUERI	MBEERE NORTH	EVURORE
94	KARANGARE	MBEERE NORTH	EVURORE
95	KARUARI	MBEERE NORTH	EVURORE
96	KATHAGUTARI	MBEERE NORTH	EVURORE
97	KATHIGAGACERU	MBEERE NORTH	EVURORE
98	ST. BARNABAS KAVENGERO	MBEERE NORTH	EVURORE
99	ST. THOMAS KIANJERU	MBEERE NORTH	EVURORE
100	KIGWAMBITI	MBEERE NORTH	EVURORE
101	KIRIGO	MBEERE NORTH	EVURORE
102	ST. ANDREW KOGARI	MBEERE NORTH	EVURORE
103	ST. MICHAEL KYENIRE	MBEERE NORTH	EVURORE
104	S.A. MUTHANTHARA	MBEERE NORTH	EVURORE
105	ST. ANDREW NGOCE	MBEERE NORTH	EVURORE
106	ST. RITA NGUNYUMU	MBEERE NORTH	EVURORE
107	KAMARANDI	MBEERE NORTH	EVURORE
108	GANGARA	MBEERE NORTH	MUMINJI
109	S.A. ITIIRA	MBEERE NORTH	MUMINJI
110	KARAMBARI	MBEERE NORTH	MUMINJI
111	ST. JOHN KIRIE	MBEERE NORTH	MUMINJI
112	KIVUE	MBEERE NORTH	MUMINJI
113	ST. PETERS MBARWARI	MBEERE NORTH	MUMINJI
114	S.A. GIKUYARI	MBEERE NORTH	NTHAWA
115	GITIBURI	MBEERE NORTH	NTHAWA
116	ACK KAMBARU	MBEERE NORTH	NTHAWA
117	KUNE MIXED	MBEERE NORTH	NTHAWA
118	DEB MUCHONOKE	MBEERE NORTH	NTHAWA
119	RIANDU	MBEERE NORTH	NTHAWA
120	SIKAGO BOYS	MBEERE NORTH	NTHAWA
121	ST. ANTHONY SIAKAGO	MBEERE NORTH	NTHAWA
122	SIKAGO GIRLS	MBEERE NORTH	NTHAWA
123	KIAMBERE MIXED	MBEERE SOUTH	KIAMBERE
124	MATUOBARE	MBEERE SOUTH	KIAMBERE
125	KIKUMINI MIXED	MBEERE SOUTH	MAKIMA
126	KITOLOLONI	MBEERE SOUTH	MAKIMA
127	MBONZUKI	MBEERE SOUTH	MAKIMA
128	KANYONGA	MBEERE SOUTH	MAKIMA
129	MBONDONI	MBEERE SOUTH	MAKIMA
130	MAKIMA	MBEERE SOUTH	MAKIMA
131	MASHAMBA	MBEERE SOUTH	MAKIMA
132	KIAMBERE COMPLEX	MBEERE NORTH	MAVURIA
133	ST. JOSEPH IRIAMURAI	MBEERE SOUTH	MAVURIA
134	MUTUS MIXED	MBEERE SOUTH	MAVURIA
135	NGIORI INTEGRATED	MBEERE SOUTH	MAVURIA

NO	NAME OF SCHOOL	SUB-COUNTY	WARD
136	MARIARI GIRLS	MBEERE SOUTH	MAVURIA
137	ST. THOMAS AQUINAS IGUMORI	MBEERE SOUTH	MAVURIA
138	KABUGURI	MBEERE SOUTH	MAVURIA
139	MAYORI	MBEERE SOUTH	MAVURIA
140	ST. MARY'S GATAKA	MBEERE SOUTH	MAVURIA
141	MACHANG'A	MBEERE SOUTH	MAVURIA
142	KERWA	MBEERE SOUTH	MAVURIA
143	GIKIIRO	MBEERE SOUTH	MAVURIA
144	NYANGWA BOYS	MBEERE SOUTH	MAVURIA
145	DEB KABURURI	MBEERE SOUTH	MBETI SOUTH
146	KAMUNYANGE	MBEERE SOUTH	MBETI SOUTH
147	ACK RIANJERU	MBEERE SOUTH	MBETI SOUTH
148	MUNYORI MIXED	MBEERE SOUTH	MBETI SOUTH
149	YODER KARWIGI	MBEERE SOUTH	MBETI SOUTH
150	NGENGE	MBEERE SOUTH	MBETI SOUTH
151	KANGUNGI	MBEERE SOUTH	MBETI SOUTH
152	ST. CLARE GIRLS - KANGETA	MBEERE SOUTH	MBETI SOUTH
153	KIAMURINGA	MBEERE SOUTH	MBETI SOUTH
154	KIRIMA	MBEERE SOUTH	MBETI SOUTH
155	MBITA	MBEERE SOUTH	MBETI SOUTH
156	S.A. GATEGI DAY	MBEERE SOUTH	MWEA
157	WANGO AIC	MBEERE SOUTH	MWEA
158	IRIATUNE	MBEERE SOUTH	MWEA
159	JOSEPH ALLAMANO WACHORO	MBEERE SOUTH	MWEA
160	KARABA	MBEERE SOUTH	MWEA
161	CONSOLATA GIRLS - GATARAKA	MBEERE SOUTH	MWEA
162	GATEGI GIRLS	MBEERE SOUTH	MWEA
163	ACK MALIKINI	MBEERE SOUTH	MWEA
164	STEPHEN KISILU	MBEERE SOUTH	MWEA

POLYTECHNICS

No.	POLYTECHNIC	SUB COUNTY	WARD
1	KANGARU	MANYATTA	KIRIMARI
2	NEMBURE	MANYATTA	GATURI SOUTH
3	TENRI	MANYATTA	MBETI NORTH
4	KANORORI	MANYATTA	NGANDORI RUGURU
5	MUVANDORI	MANYATTA	NDINDA
6	ENA	RUNYENJES	KAGAARI SOUTH
7	KANJA	RUNYENJES	KAGAARI NORTH
8	IRANGI	RUNYENJES	KAGAARI NORTH
9	KARURUMO	RUNYENJES	KYENI SOUTH

No.	POLYTECHNIC	SUB COUNTY	WARD
10	KATHUNGURI	RUNYENJES	KYENI SOUTH
11	GATUMBI	RUNYENJES	KYENI NORTH
12	KATHAGERI	RUNYENJES	KYENI NORTH
13	GITARE	RUNYENJES	CENTRAL
14	KAMUTU	MBEERE NORTH	NTHAWA
15	SIKAGO	MBEERE NORTH	NTHAWA
16	ST CATHERINE KIGWAMBITI	MBEERE NORTH	EVURORE
17	KAREREMA	MBEERE NORTH	EVURORE
18	KIRIE	MBEERE NORTH	EVURORE
19	ISHIARA	MBEERE NORTH	EVURORE
20	KAMUMU	MBEERE NORTH	EVURORE
21	KATHANJE	MBEERE NORTH	MUMINJI
22	MUCHONOKE	MBEERE NORTH	MUMINJI
23	IRIAMURAI	MBEERE SOUTH	MAVURIA
24	MUNYORI	MBEERE SOUTH	MBETI SOUTH
25	KIAMURINGA	MBEERE SOUTH	MBETI SOUTH
26	MAKAWANI	MBEERE SOUTH	MWEA
27	MBONZUKI	MBEERE SOUTH	MWEA
28	MAKIMA	MBEERE SOUTH	MAKIMA
29	MUTUOBARE	MBEERE SOUTH	KIAMBERE

Annex 3: List of Health Facilities

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
1	CCS MACUMO CLINIC	Dispensary	FBO	RUNYENJES TOWNSHIP	RUNYENJES	0
2	CONSOLATA KYENI HOSPITAL	Other Hospital	FBO	KYENI NORTH	RUNYENJES	167
3	EAPC KIGUMO CLINIC	Dispensary	FBO	KYENI SOUTH	RUNYENJES	0
4	GIKUURI DISPENSARY (CDF)	Dispensary	MOH	RUNYENJES TOWNSHIP	RUNYENJES	0
5	HURUMA MEDICAL CLINIC (KANJA)	Medical Clinic	Private	KAGAARI NORTH	RUNYENJES	0
6	KATHANDE MEDICAL CLINIC	Medical Clinic	Private	KAGAARI NORTH	RUNYENJES	0
7	KATHANJURI DISPENSARY	Dispensary	MOH	KYENI CENTRAL	RUNYENJES	0
8	KIGUMO DISPENSARY	Dispensary	MOH	KYENI SOUTH	RUNYENJES	0
9	KR MEMORIAL MEDICAL CLINIC	Medical Clinic	Private	RUNYENJES TOWNSHIP	RUNYENJES	0

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
10	MUKUURI DISPENSARY	Dispensary	MOH	KAGAARI NORTH	RUNYENJES	0
11	MUFU DISPENSARY	Dispensary	MOH	KYENI NORTH	RUNYENJES	0
12	MUGUI CONSOLATA CLINIC	Medical Clinic	Private	KAGAARI NORTH	RUNYENJES	0
13	MUGUI DISPENSARY	Dispensary	MOH	KAGAARI NORTH WEST	RUNYENJES	0
14	KIANJOKOMA SUB-DISTRICT HOSPITAL	Sub-District Hospital	MOH	KAGAARI NORTH	RUNYENJES	6
15	KIGAA DISPENSARY	Dispensary	MOH	KAGAARI SOUTH	RUNYENJES	0
16	KARURUMO RHTC	Health Centre	MOH	KARURUMO	RUNYENJES	18
17	KASAFARI DISPENSARY (CDF)	Dispensary	MOH	KARURUMO	RUNYENJES	0
18	KATHUNGURI DISPENSARY	Dispensary	MOH	KARURUMO	RUNYENJES	0
19	KAUNE'S MEDICAL CLINIC	Medical Clinic	Private	RUNYENJES TOWNSHIP	RUNYENJES	0
20	KANJA HEALTH CENTRE	Health Centre	MOH	KAGAARI NORTH	RUNYENJES	0
21	KAATHARI DISPENSARY (CDF)	Dispensary	MOH	KYENI NORTH EAST	RUNYENJES	0
22	GATUMBI DISPENSARY	Dispensary	MOH	KYENI NORTH EAST	RUNYENJES	0
23	GICHICHE DISPENSARY	Dispensary	MOH	RUNYENJES TOWNSHIP	RUNYENJES	0
24	GITARE DISPENSARY (EMBU)	Dispensary	MOH	RUNYENJES	RUNYENJES	0
25	ENA DISPENSARY	Dispensary	MOH	KAGAARI SOUTH	RUNYENJES	0
26	BARAKA MEDICAL CLINIC (RUNYENJES)	Medical Clinic	Private		RUNYENJES	0
27	ACEF ENA HEALTH CENTRE	Health Centre	FBO	KAGAARI SOUTH	RUNYENJES	25
28	NJERURI DISPENSARY	Dispensary	MOH		RUNYENJES	0
29	NTHAGAIYA CATHOLIC DISPENSARY	Dispensary	FBO	KAGAARI SOUTH	RUNYENJES	0
30	NYAGARI DISPENSARY (CDF)	Dispensary	MOH	KYENI SOUTH	RUNYENJES	
31	RUNYENJES DISTRICT	District	MOH	KAGAARI	RUNYENJES	27

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
	HOSPITAL	Hospital		SOUTH		
32	ST AGNES KIAGANARI	Medical Clinic	Private	KYENI NORTH EAST	RUNYENJES	0
33	ST MARYS MEDICAL CLINIC (KIARAGANA)	Medical Clinic	Private	KYENI NORTH	RUNYENJES	0
34	ST MARYS MEDICAL CLINIC (RUNYENJES)	Medical Clinic	Private	RUNYENJES TOWNSHIP	RUNYENJES	0
35	ST MICHAEL NURSING HOME	Nursing Home	Private	RUNYENJES TOWNSHIP	RUNYENJES	47
36	UGWERI DISP	Dispensary	MOH	KAGAARI SOUTH EAST	RUNYENJES	0
37	UNIVERSAL MEDICAL CLINIC	Medical Clinic	Private	KYENI NORTH	RUNYENJES	0
38	MUCHAGORI DISPENSARY	Dispensary	MOH	GATURI NORTH	RUNYENJES	0
39	KIANJOKOMA (ACK) TRINITY CLINIC	Dispensary	FBO	GATURI NORTH	RUNYENJES	0
40	CFW MBUVORI CLINIC	Medical Clinic	Private	NGINDA	MANYATTA	0
41	EMMANUEL KIGARI (ACK) DISPENSARY	Dispensary	FBO	NGANDORI	MANYATTA	0
42	HURUMA CLINIC (EMBU)	Medical Clinic	Private	NGINDA	MANYATTA	0
43	JOY CLINIC MANYATTA	Medical Clinic	Private		MANYATTA	0
44	KATHANGARI CFW CLINIC	Medical Clinic	Private	NGANDORI	MANYATTA	0
45	KATHANGARI DISPENSARY	Dispensary	MOH	KATHANGARI	MANYATTA	0
46	KATHANGARIRI (ACK) CLINIC	Dispensary	FBO	NGINDA	MANYATTA	0
47	KATHANGARIRI DISPENSARY	Dispensary	MOH	KATHANGARIRI	MANYATTA	0
48	KITHUNGURIRI DISPENSARY	Dispensary	MOH	RUGURU	MANYATTA	0
49	MUKANGU (ACK) DISPENSARY	Dispensary	FBO	NGANDORI	MANYATTA	0
50	LUDOMIC CLINIC	Medical Clinic	Private	MBUVORI	MANYATTA	0
51	KIBUGU HEALTH CENTRE	Health Centre	MOH	NGINDA	MANYATTA	12
52	KARAU HEALTH CENTRE	Health Centre	MOH	MBUVORI	MANYATTA	25

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
53	KIRIARI (ACK) DISPENSARY	Dispensary	FBO	RUGURU	MANYATTA	0
54	KIRIARI DISPENSARY	Dispensary	MOH	RUGURU	MANYATTA	0
55	KAIRURI HEALTH CENTRE	Health Centre	MOH	NGANDORI WEST	MANYATTA	14
56	BETHWELL CLINIC	Medical Clinic	Private	RUGURU	MANYATTA	0
57	NGUVIU BOYS HIGH SCHOOL CLINIC	Medical Clinic	Academic (if registered)	KIBUGU	MANYATTA	0
58	ST MARYS NGUVIU DISPENSARY	Dispensary	FBO	NGINDA	MANYATTA	0
59	ST. ANTONY MEDICAL CLINIC	Medical Clinic	Private		MANYATTA	0
60	ST. BASIL'S CATHOLIC DISPENSARY	Dispensary	FBO	NGINDA - MBUVORI	MANYATTA	0
61	ST. MARKS KIGARI TEACHERS COLLEGE DISPENSARY	Dispensary	Academic (if registered)		MANYATTA	0
62	ST. NICHOLAS MEDICAL CLINIC	Medical Clinic	Private		MANYATTA	0
63	BARAKA AFYA CLINIC	Medical Clinic	Private	NEMBURE	MANYATTA	0
64	CFW KIMANGARU CLINIC	Medical Clinic	Private	MBETI NORTH	MANYATTA	0
65	DALLAS DISPENSARY	Dispensary	MOH	MUNICIPALITY	MANYATTA	0
66	EMBU CHILDREN CLINIC	Health Centre	FBO	MUNICIPALITY	MANYATTA	0
67	EMBU KMTc DISPENSARY	Dispensary	MOH	MUNICIPALITY	MANYATTA	0
68	EMBU PROVINCIAL GENERAL HOSPITAL	Provincial General Hospital	MOH	MUNICIPALITY	MANYATTA	618
69	FAMILY HEALTH CENTRE(EMBU)	Medical Clinic	Private	MUNICIPALITY	MANYATTA	0
70	GALILEE MEDICAL CLINIC	Medical Clinic	Private	MUNICIPALITY	MANYATTA	0
71	GK PRISON DISPENSARY (EMBU)	Dispensary	MOH	MUNICIPALITY	MANYATTA	0
72	GOOD SHEPHERD MEDICAL CLINIC	Medical Clinic	FBO	MUNICIPALITY	MANYATTA	0
73	JOYKIM NURSING HOME	Nursing Home	Private	MUNICIPALITY	MANYATTA	33

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
74	KAMUTHATHA CLINIC	Medical Clinic	Private	KITHIMU	MANYATTA	0
75	KEVOTE DISP	Dispensary	FBO	MAKENGI	MANYATTA	0
76	KITHEGI DISPENSARY	Dispensary	MOH	KITHIMU	MANYATTA	0
77	KITHIMU DISPENSARY	Dispensary	MOH	KITHIMU	MANYATTA	0
78	LIBERTY MATERNITY AND NURSING HOME	Maternity Home	Private	MUNICIPALITY	MANYATTA	12
79	MARIE STOPEES CENTRE EMBU	Medical Clinic	NGO	MUNICIPALITY	MANYATTA	0
80	MERCY MEDICAL CLINIC (EMBU)	Medical Clinic	Private	KITHIMU	MANYATTA	0
81	LIVERPOOL VCT EMBU	VCT Centre (Stand-Alone)	NGO	MUNICIPALITY	MANYATTA	0
82	MAJENGO (PCEA) CLINIC	Dispensary	FBO	MUNICIPALITY	MANYATTA	0
83	MAKENGI CLINIC	Medical Clinic	Private	MAKENGI	MANYATTA	0
84	MAKENGI DISPENSARY (EMBU)	Dispensary	MOH	MAKENGI	MANYATTA	0
85	KANGARU DISPENSARY (EMBU)	Dispensary	MOH	MUNICIPALITY	MANYATTA	0
86	KANGARU HOSPITAL	Other Hospital	Private	MUNICIPALITY	MANYATTA	30
87	JETMA CLINIC	Medical Clinic	Private	MUNICIPALITY	MANYATTA	3
88	GATUNDURI DISPENSARY	Dispensary	MOH	MBETI NORTH	MANYATTA	0
89	GETRUDE DISPENSARY	Dispensary	FBO	MBETI NORTH	MANYATTA	0
90	DR. MUSHTAQ MUHAMMAD	Medical Clinic	Private	MUNICIPALITY	MANYATTA	0
91	ITABUA POLICE DISPENSARY	Dispensary	MOH	MBETI NORTH	MANYATTA	0
92	COUNTY MEDICAL CENTRE - EMBU LTD	Nursing Home	Private	MUNICIPALITY	MANYATTA	25
93	DR AMARDEEP SINGH CLINIC	Medical Clinic	Private	MUNICIPALITY	MANYATTA	0
94	BY FAITH MEDICAL CENTRE	Medical Clinic	Private	MBETI NORTH	MANYATTA	0
95	ARIMI CLINIC AND LABORATORY	Medical Clinic	Private	MUNICIPALITY	MANYATTA	0
96	B/VALLEY (PCEA)	Dispensary	FBO	MUNICIPALITY	MANYATTA	0

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
	CLINIC					
97	AGHAKAN UNIVERSITY HOSPITAL - EMBU BRANCH	Other Hospital	Private	MUNICIPALITY	MANYATTA	0
98	NEMBURE HEALTH CENTRE	Health Centre	MOH	GATURI SOUTH	MANYATTA	6
99	OLL MWEA HOSPITAL CLINIC EMBU (SATELITE)	Other Hospital	FBO	MUNICIPALITY	MANYATTA	0
100	REGIONAL BLOOD TRANSFUSION CENTRE (EMBU)	Regional Blood Transfusion Centre	MOH	MUNICIPALITY	MANYATTA	0
101	RUKIRA DISPENSARY	Dispensary	MOH	KITHIMU	MANYATTA	0
102	SALAMA MEDICAL CLINIC (EMBU)	Medical Clinic	Private	GATURI SOUTH	MANYATTA	0
103	SHALOM MEDICAL CLINIC (EMBU)	Medical Clinic	Private	MBETI NORTH	MANYATTA	0
104	ST. STEPHEN'S CHILDREN CLINIC GATONDO	Medical Clinic	FBO	MBETI NORTH	MANYATTA	0
105	TENDER LOVING CARE CFW CLINIC	Medical Clinic	Private	MAKENGI	MANYATTA	0
106	UTULIVU CLINIC	Medical Clinic	Private	MAKENGI	MANYATTA	0
107	WATOTO CLINIC	Medical Clinic	Private	MUNICIPALITY	MANYATTA	0
108	KANYUAMBORA DISPENSARY	Dispensary	MOH	KANYUAMBORA	Mbeere North	1
109	KATHANJE DISPENSARY	Dispensary	MOH	MUMINJI	Mbeere North	0
110	KOGARI DISPENSARY	Dispensary	MOH	KAMARANDI	Mbeere North	0
111	MUCHONOKE DISPENSARY	Dispensary	MOH	GITIBURI	Mbeere North	0
112	LASIDA CLINIC	Medical Clinic	Private	NTHAWA	Mbeere North	0
113	MBEERE DISTRICT HOSPITAL	District Hospital	MOH	NTHAWA	Mbeere North	25
114	KAREREMA DISPENSARY	Dispensary	MOH	NDURUMORI	Mbeere North	4
115	KAMUMU DISPENSARY	Dispensary	MOH	KIANG'OMBE	Mbeere North	2
116	KIRIE DISPENSARY	Dispensary	MOH	MUTITU	Mbeere North	1
117	KIRIE MISSION CLINIC	Dispensary	FBO	MUTITU	Mbeere North	0

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
118	GATIRURI	Dispensary	MOH	KIANGOMBE	Mbeere North	4
119	ISHIARA SUB-DISTRICT HOSPITAL	Sub-District Hospital	MOH	ISHIARA	Mbeere North	77
120	DON BOSCO CLINIC	Dispensary	FBO	NTHAWA	Mbeere North	0
121	ANNEX MEDICAL CLINIC	Medical Clinic	Private	NTHAWANA	Mbeere North	0
122	MUTHANTHARA DISPENSARY	Dispensary	MOH	ISHIARA	Mbeere North	0
123	QUEENS & KINGS HEALTH CENTRE	Health Centre	Private	NTHAWA	Mbeere North	0
124	RIANDU DISPENSARY	Dispensary	MOH	NTHAWA	Mbeere North	0
125	SIKAGO BOYS HIGH SCHOOL DISPENSARY	Dispensary	Academic (if registered)	NTHAWA	Mbeere North	0
126	SIKAGO CLINIC	Medical Clinic	Private	NTHAWA	Mbeere North	0
127	KIAMBERE DAM DISPENSARY	Dispensary	MOH	MUTITU	Mbeere North	1
128	ST. JUDE MEDICAL CLINIC	Medical Clinic	Private	MUTITU	Mbeere North	1
129	CCS KIRITIRI CLINIC	Dispensary	FBO	MAVURIA	Mbeere South	0
130	EMBU-MBEERE HOSPICE	Medical Clinic	MOH	MBETI SOUTH	Mbeere South	0
131	KABUGURI DISPENSARY	Dispensary	MOH	MAVURIA	Mbeere South	0
132	KAMUNYANGE DISPENSARY	Dispensary	MOH		Mbeere South	0
133	MBITA DISPENSARY	Dispensary	MOH	KIANJIRU	Mbeere South	0
134	MBONDONI DISPENSARY	Dispensary	MOH	MAKIMA	Mbeere South	0
135	MBONZUKI DISPENSARY	Dispensary	MOH	RIAKANAU	Mbeere South	0
136	LIVIERO DISPENSARY	Dispensary	FBO	MBETI SOUTH	Mbeere South	0
137	MACHANG'A DISPENSARY	Dispensary	MOH	MAVURIA	Mbeere South	0
138	MAKIMA DISPENSARY	Dispensary	MOH	MAKIMA	Mbeere South	0
139	KIAMBERE HEALTH CENTRE	Health Centre	MOH	KIAMBERE	Mbeere South	5
140	KIAMURINGA DISPENSARY	Dispensary	MOH	MBETI SOUTH	Mbeere South	0
141	KIRATHE DISPENSARY	Dispensary	MOH		Mbeere South	0
142	KIRIN AGRIBIO	Medical	Private	MBETI SOUTH	Mbeere South	0

N O.	FACILITY NAME	TYPE	OWNER	LOCATION	CONSTITUENCY	BEDS
	(YODER) CLINIC	Clinic				
143	KIRITIRI HEALTH CENTRE	Health Centre	MOH	MAVURIA	Mbeere South	9
144	GACABARI DISPENSARY	Dispensary	MOH	KIAMBERE	Mbeere South	0
145	GATEGI HEALTH CENTRE	Health Centre	MOH	RIAKANAU	Mbeere South	13
146	KARABA DISPENSARY (MBEERE)	Dispensary	MOH	KARABA	Mbeere South	0
147	KARABA WANGO DISPENSARY	Dispensary	FBO	KARABA	Mbeere South	0
148	GITARAKA DISPENSARY	Dispensary	MOH	KARABA	Mbeere South	1
149	GITARU CLINIC	Medical Clinic	Private	MAVURIA	Mbeere South	0
150	GACHURIRI DISPENSARY	Dispensary	MOH	MBETI SOUTH	Mbeere South	0
151	BY FAITH MEDICAL CLINIC	Medical Clinic	Private	MBETI SOUTH	Mbeere South	0
152	NGANDURI DISPENSARY	Dispensary	MOH	KIANJIRU	Mbeere South	0
153	RIACHINA DISPENSARY	Dispensary	MOH	MUTUOBARE	Mbeere South	0
154	RIAKANAU DISPENSARY	Dispensary	MOH	RIAKANAU	Mbeere South	0
155	RWIKA DISPENSARY	Dispensary	MOH	MBETI SOUTH	Mbeere South	0
156	UTUGI MEDICAL CLINIC	Medical Clinic	Private	MBETI SOUTH	Mbeere South	0
157	WACHORO DISPENSARY	Dispensary	MOH	KARABA	Mbeere South	0

Annex 4: List of Herbalists

NO.	NAME	YEAR REGISTERED	LOCATION
1	Simon Njeru Njoka	2013	Karurumo
2	Patrick Gichovi Mugo	2013	Runyenjes
3	Emilia Ngai Nyaga	2013	Karurumo
4	Obed Nguru Mbugua	2013	Karurumo
5	Embu County Herbalist Ass.	2012	Embu
6	John Nyaga Sigitu	2013	“
7	Samuel Muriithi Njiru	2011	“
8	Mwaniki Njovorano	2012	Embu

NO.	NAME	YEAR REGISTERED	LOCATION
9	Embu Trad.Med. Pract. Ass.	2011	“
10	Njiru Ngari	2012	Embu
11	Elijah Nginya Munyua	2012	Embu
12	Virginia Weveti Njue	2012	Embu
13	Tabitha Muthoni	2012	Ishiara
14	Gabriel Muturi Njagi	2012	Kiritiri
15	Njeru Ileri	2012	Embu
16	Joshua Mugo	2012	Kiritiri
17	Ndwiga Samwel	2010	Embu
18	Peter Ileri Karanja	2008	“
19	Kwamacembe Conservation Gr.	2005	Kiritiri
20	E.M.S.O.M.E.P Conser. Group	2003	Kiritiri
21	Joseph Mwangi	2003	“
22	Peter Njiru Mugeki	2012	Embu
23	Kathangu Muchanje	2003	“
24	Eugene Nyaga Muchanje	2003	“
25	Benard N. Nyaga	2003	Embu
26	Stephen Muchungu Gichoya	2003	Makima
27	Karuri M’vinya	2003	Ena/Embu
28	Ileri Nyaga	2003	Embu
29.	Njeru Ngarachi	2004	Embu
30	E.T.M.P. ASSOCIATION	2004	Embu
31	Abel Muriithi Njiru	2005	“
32	John Muthumbi Keru	2003	“
33	Simon Njiru Murangiri	2003	“
34	Amos Mburu Muchangi	2013	“
35	Embu East District Trad. Health Pract. Ass.	2010	Runyenjes
36	Kiringa Karanga	2013	Ishiara
37	Ngai Karanga	2013	Ishiara
39	Lucy Wamuyu	2012	

Annex 5: List of Co-operative Societies

SAVINGS & CREDIT CO-OPERATIVE (SACCOS)

S/N	NAME OF SOCIETY	LOCATION	MEMBERSHIP	SHARE CAPITAL	STATUS
1.	Yoken Sacco	Gachuriri	569	1,122,000	Active
2.	Gachuriri Business	Gachuriri	30	1,857,000	Active
3.	Ketno Sacco	Kiritiri	21	8,914,009	Active
4.	Kiritiri Emanuel Sacco	Kiritiri	20	952,260	Active

5.	Karaba BodaBoda	Karaba	40	200,000	Active
6.	Mbeere Muguuka Sacco		52	164,500	Active
7.	Semo Sacco	Siakago	39	72,000	Active
8.	Daima	Manyatta	22,402	37,001,202	Active
9.	Gastameco	Manyatta	5179	7,0131,350	Active
10.	Kigari	Kigari College	93	200,000	Active
11.	Emakiga	Kianjokoma	29	37,500	Active
12.	Ekmo	Kibugu	23	250,000	Active
13.	County	Runyenjes	11,804	23,159,002	Active
14.	Runyenjes	Runyenjes	440	280,276	Active
15.	Kemo	Kianjokoma	35	618,000	Active
16.	Nawiri Sacco	Embu Town/Runyenjes	91,000	74,474,041	Active
17.	Neno Sacco	Embu Town	240	77,469,085	Active
18.	Eemo Sacco	Embu	41	468,000	Active
19.	2KM Sacco	Njukiri	36	26,000	Active
20.	Winas	Embu Town	8,040	50,577,914	Active
21.	Tuongane Tujinjenge	Embu Town	690	9,468,563	Active
22.	Walton Sacco	Embu Town	180	292,433	Active
23.	Uvumilivu	Embu Town	32	20,900	Active
24.	Bimas	Embu Town	106	58,500	Active
25.	ACK Mwireri	Embu Town	108	214,000	Active
26.	Mwiigwithania	Embu Town	45	2,652,710	Active
27.	Victors Camp Sacco	Embu Town	23	11,057	Active
28.	Penda	Embu Town	110	918,801	Active

COFFEE MARKETING

S/N	NAME OF SOCIETY	LOCATION	MEMBERSHIP	SHARE CAPITAL	STATUS
1.	Nembure FCS	Karingari	2258	5,602,947	Active
2.	Kirurumwe	Makengi	4161	5,194,487	Active
3.	Gatondo	Muthatari	687	142,846	Active
4.	Mikiki	Kithimu	4252	159,275	Active
5.	New Kapingazi	Kangaru	1140	4,856,367	Active
6.	Ivinge	Kanjikeru	1052	189,577	Active
7.	Rianjagi	Mutunduri	1578	4,163,343	Active
8.	Gakundu	Manyatta	3,654	10,192,664	Active
9.	Muruwe	Kavutiri	2,830	437,795	Active
10.	Thambana	Kiriari	3,235	7,183,283	Active
11.	Central Ngandori	Kairuri	3,126	370,960	Active
12.	Muramuki	Kathangariri	1,122	4,227,266	Active
13.	Kibugu	Kibugu	3,061	9,032,431	Active

14.	Kithungururu	Kangaru	1,434	339,800	Active
15.	Kagaari South	Kagaari	6,526	7,022,525	Active
16.	New Runyenjes	Runyenjes	1,647	379,700	Active
17.	New Kirimiri	Runyenjes	1,190	242,500	Active
18.	Kagaari North	Kagaari	3,053	1,306,203	Active
19.	Kiangagwa	Kyeni	4,046	817,403	Active
20.	Kiviuvi	Kyeni	1,180	546,203	Active
21.	Kanjugu	Kyeni	1,627	400,785	Active
22.	Kirindiri	Runyenjes	1,051	548,764	Active
23.	Kamurai	Runyenjes	1,481	399,850	Active
24.	New Kyeni	Kyeni	4,539	18,385,861	Active

MULTIPURPOSE

S/N	NAME OF SOCIETY	LOCATION	MEMBERSHIP	SHARE CAPITAL	STATUS
1.	Kiruki Kiende	Rukira	248	1,665,326	Active
2.	Eastern Connection	Embu Town	317	1,997,449	Active
3.	Kiaga	Gatituri	387	2,902,500	Active
4.	Nthamari Gachichori FCS Ltd	Kavangua	120	480,000	Active
5.	Mwiria M.C.S.L.	Mwiria	240	518,613	Active
6.	Kamavindi/Gatunduri	Gatunduri	124	425,970	Active
7.	Ena Irrigation	Ena	278	2,000,000	Active
8.	Mwituria Women	Runyenjes	103	630,000	Active
9.	Embu East Agribusiness	Runyenjes	260	13,000	Active
10.	Mbenwom	Siakago	1,300	2,746,895	Active
11.	Benyouth	Ishiara	12		
12.	Mwireri Multipurpose	Kiritiri	475	4,011,515	Active
13.	Makima FCS	Makima	20	30,000	Active

DAIRY

S/N	NAME OF SOCIETY	LOCATION	MEMBERSHIP	SHARE CAPITAL	STATUS
1.	Mukulima Bora	Runyenjes	720	1,440,000	Active

HOUSING & OTHERS

S/N	NAME OF SOCIETY	LOCATION	MEMBERSHIP	SHARE CAPITAL	STATUS
-----	-----------------	----------	------------	---------------	--------

1.	Embu Gaturi Housing	Nemburi	1786	766,853	Active
2.	Embu Teachers Housing	Embu Town`	1000	Being Revived	Active
3.	Mt. Kenya Timber		4192	113,180	Active
4.	Unity FCS	Embu Town	200	20,000	Active
5.	Runyenjes Juakali Housing	Runyenjes	100	172,300	Active
6.	Evurori FCs	Evurori	40	20,200	Active

UNION

S/N O	NAME OF SOCIETY	LOCATION	MEMBERS HIP	SHARE CAPITAL	STATUS
1.	Embu District Cooperative Union	Embu Town	11	8,652,220	Active

DORMANT/NEW/SEMI ACTIVE

S/N O	NAME OF SOCIETY	LOCATION	MEMBER SHIP	SHARE CAPITAL	STATUS
1.	Ewasco Sacco	Embu Town	New	-	New
2.	Karwikikimu Sacco	Embu Town`	New	-	New
3.	Unity Boda Boda Sacco	Embu Town	New	-	New
4.	Dasta Housing	Embu Town	New	-	New
5.	Grokasha Housing	Embu Town	New	-	New
6.	Macadamia Marketing	Embu Town			Dormant
6.	Macadamia Marketing	Mutunduri	200	20,000	New
7.	Rwika Riunii Kiingdu Sacco	Rwika	42	-	Semi Active
8.	Mwireri Multipurpose	Kiritiri	475	4,011,515	Semi Active
9.	New Mbeere FCS	Kiritiri	-	-	Dormant
10.	Embu Mwea Ranching	Mwea	2000	2,100,000	Dormant
11.	Mbeti Fcs	Mbeti	-	-	Dormant
12.	Wasya Wa Mwea Fcs	Karaba	-	-	Dormant
13.	Kiambere Beekeepers	Kiambere	-	-	Dormant
14.	Karaba Cotton Fcs	Karaba	-	-	Dormant
15.	Wachoro Makutano Juakali	Makutano	27	79,000	Dormant
16.	Ngecha Irrigation Fcs	Gecha	-	-	Dormant
17.	Kianjiru West Soc.	Kianjiru	-	-	Dormant
18.	Kirima Fcs	Kirima	-	-	Dormant
19.	Kiambere Hilside	Kiambere	156	93,000	Dormant
20.	Mbesi Youth	New	New	-	Dormant
21.	Gikiro Young Growers	Gikiro	15	-	Dormant
22.	Riakanau Multipurpose	Riakanau	New	New	Active

23.	Gachoka Business	Kiritiri	New	New	Dormant
24.	Mbeere	Makima	New	New	Active
25.	Mwangaza	Makima	New	New	Active
26.	Vijana	Runyenjes	74	-	New
27.	Embu Teachers Housing	Embu Town	1000	-	Revival Stage
28.	Kathigi/Ishiara Multipurpose	Ishiara	97	89,000	Dormant
29.	Mbesowo Sacco	Siakago	37	296,000	Dormant
30.	Mutirithia Sacco	Mutirithia	18	150,450	Dormant
31.	Ena Tobacco Growers Sacco	Ena	New	New	New
32.	Nthawa Evurori Fcs	Evurori	-	-	Dormant
33.	Mbeere Miraa Fcs	Siakago	-	-	Dormant
34.	Ishiara Irrigation	Ishiara	-	-	Dormant

Source: Ministry of Agriculture, Livestock, Fisheries and Cooperative Development – Embu County

ANNEX 6: Self Help, Women and Youth Groups

NAME	AREA LOCATED	STATUS
EMBU MACADEMIA GROWERS & MARKETING	NGANDORI EAST	CBO
EMBU MULTI DEVELOPMENT PROJECT	KATHANGARIRI	CBO
EMBU BY GRACE SLOF	NGANDORI EAST	FBO
EMBU NORTH MANYATTA INITIATIVE PROJECT	NGANDORI EAST	CBO
KITHIRIA KII IRRIGATION PROJECT	RUGURU	CBO
KITHUNGURIRI SBU LOCATION CBO	RUGURU	
KAGUMORI GOOD SAMARITAN	MBUVORI	CBO
KARUNGI CBO	NGANDORI WEST	CBO
KAVUTIRI EVANGELISM PROJECT	KAVUTIRI	FBO
KIARAGANA MANYATTA CBO	NGANDORI EAST	CBO
KIRIGIRI WATER PROJECT CBO	RUGURU	CBO
FOUNDATION FAITY BASED ORGANIZATION	RUGURU	FBO
F.DAC KIRIARI	RUGURU	CBO
UNITEC CBO	NGANDORI EAST	CBO
URUMWE CBO	KATHANGARIRI	CBO
GICHERORORI CBO	KIBUGU	CBO
GREEN PATRIOTS CBO	NGANDORI EAST	CBO
MUTUNDURI FDA DEV. PROJECT	NGANDORI EAST	CBO
MWIMENYERERI CBO	-	CBO
MBUVORI/MUTITU CBO	MMBUVORI	CBO
MBUVORI YOUTH COMMUNITY CBO	MBUVORI	CBO
YOUTH VISIONARY CBO	NGANDORI EAST	CBO

NGINDA OVC CBO	KATHANGARIRI	CBO
NGUVIU COMMUNITY UNITY PROJECT	KATHANGARIRI	CBO
NEW RIGUMU CBO	KATHANGARIRI	CBO
MUKATHA AQUACULTURE CBO	NGANDORI WEST	CBO
MT. KENYA COFFEE FARMERS CBO	NGANDORI EAST	CBO
MUGIKA COMMUNITY CBO	GATURI NORTH	CBO
PCEA KATHANGARIRI FBO	KATHANGARIRI	FBO
WAMITI KAMBEVO CBO	MBUVORI	CBO
ST. JOHN MATIRU CBO	NGANDORI EAST	FBO
MUKURIA SUB LOCATION CBO	RUGURU	CBO
KATHANJURI SUB LOCATION IRRIGATION WATER PROJECT	KATHANJURI	CBO
360 DEGREE PERFORMANCE INITIATIVE COMMUNITY BASED ORGANIZATION	DALLAS/STADIUM	CBO
GICHICHE C.B.O. IRRIGATION SCHEME	GICHICHE	CBO
EMBU COMMUNITY DEVELOPMENT & SOCIAL WELFARE INITIATIVE C.B.O	KIGAA	CBO
KYENI -PROTEIN MAIZE VILLAGE CBO	KARURUMO	CBO
EMBU MUNICIPALITY C.B.O.	-	CBO
MUGIKIA COMMUNICATION COMMUNITY BASED ORGANIZATION(C.B.O.)	ITONGURI	CBO
THUCI RIVER VALLEY HERITAGE ORGANIZATION	KATHARI	CBO
EMBU INTEGRATED ORGANIZATION FOR --- DEVELOPMENT	KARIRU	CBO
HURUMA RESCUE MISSION C.B.O.	KATHANJURE	CBO
EMBU (K) MULTI DEVELOPMENT PROJECT	NGUVIU	CBO
ST. JOHN MATURU COMMUNITY BASED ORGANIZATION		CBO
ITONGURI COMMUNITY WATER DEVELOPMENT PROJECT	ITONGURI	CBO
THAU IRRIGATION C.B.O	GITERA	CBO
KAMAMBUDA C.H.W INITIATIVE COMMUNITY PROJECT	DALLAS/STADIUM	CBO
KTHIMU RURAL DEVELOPMENT C.B.O	KITHIMU	CBO
KIRIGIRI WATER PROJECT C.B.O	KIAMWENJA	CBO
EMBU MBEERE YOUTH ASSOCIATION C.B.O	DALLAS/STADIUM	CBO
MAFUNDI C.B.O	DALLAS	CBO
MBETI NORTH FADC C.B.O	ITABUA	CBO
HOPE ALIVE C.B.O	DALLAS	CBO
A.C.K MACUMO INTEGRATED COMMUNITY PROJECT C.B.O	NTHAGAIYA	CBO

EMBU RESIDENCE AWARENESS FORUM (ERAF) C.B.O	KAMIU	CBO
GITARE C.B.O	GITARE	CBO
CAMPAIGN AGAINST DRUG ABUSE CADA C.B.O	KIGAA	CBO
ACHIEVERS YOUNG CENTER FOR SUSTAINABLE AGRICULTURAL & ENVIRONMENT DEVELOPMENT C.B.O	KANJA	CBO
EMBU MUSLIMS YOUTH PROJECT(EMUYOP) C.B.O	DALLAS	CBO
ST. MONICA EMBU SPECIAL SCHOOL EDUCATIONAL PROJECT	NJUKIRI	CBO
EMBU EAST UNITED PRIVATE MEDICAL PRACTITIONERS C.B.O	GICHICHE	CBO
KIMANGARU CHW C.B.O	ITABUA	CBO
VIRTUAL SEVEN INVESTMENT GROUP C.B.O	DALLAS	CBO
KEGA WATER C.D.F PROJECT C.B.O	KEVOTE	CBO
EMBU COUNTY ---- INITIATIVE C.B.O	ITABUA	CBO
NDAMUNGE WATER PROJECT C.B.O	KANJA SOUTH	CBO
EMBU COUNTY DIARY GOAT VALUE CHAIN DEVELOPMENT	DALLAS	CBO
EMBU PASSION FRUIT'S VALUE CHAIN DEVELOPMENT ASSOCIATION	DALLAS	CBO
EMBU REGION BANANA GROWERS AND MARKETERS ASSOCIATION	DALLAS	CBO
EMBU MANGO GROWERS AND MARKETING ASSOCIATION	DALLAS	CBO
EMBU COUNTY AQUACULTURE AND FISH PROCESSORS ASSOCIATION	DALLAS	CBO
EMBU CENTRAL DIVISION STAKEHOLDERS DEVELOPMENT FORUM C.B.O	DALLAS	CBO
KAMUCO C.B.O	KATHANGARI	CBO
KIANGIMA SUB-LOCATION DEVELOPMENT PROJECT	KIANGIMA	CBO
GATTURI DEVELOPMENT PROJECT	GATTURI	CBO
KIRIARI DEVELOPMENT INITIATIVE PROJECT (C.B.O)	KIRIARI	CBO
EMBU COUNTY PEACE INTIATIVE CBO	ITABUA	CBO
MT KENYA ADVOCACY CBO	NJUKIRI	CBO
KAMIU WORLD PROJECT MANAGEMENT COMMITTEE	NJUKIRI	CBO
VISION INTERGRATED COMMUNITY INTIATIVE CBO	DALLAS	CBO
EMBU CONUTY BREEDERS	DALLAS	CBO

ORGANIZATION CBO		
UNITY FOR DEVELOPMENT CBO	DALLAS	CBO
NEW KITHIMU IRRIGATION WATER PROJECT	KITHIMU	CBO
ITHAGA MUUNGANO CBO	GATTURI	CBO
DESTINY INVESTMENT CBO	DALLAS	CBO
TUTAWEZA CBO	DALLAS	CBO
COUNTY DAIRY FARMERS CBO		CBO
THE GROWERS CAPACITY BUILDING WELFARE MPOWEREMENT CBO	DALLAS	CBO
KIDS INTERNATIONAL CBO	DALLAS	CBO
KYENI AGRICULTURAL CBO		CBO
ETNOP (EMBU TREE NURSERY OPERATORS CBO		CBO
UNION OF KAGAARI DAIRY GOATS	KYENI CENTRAL	CBO
ST.LUCY'S KYENI	KYENI NORTH	CBO
KYENI DEVELOPMENT FORUM	KYENI NORTH	CBO
KYENI NYAGARI GREENBELT NETWORK	KYENI CENTRAL	CBO
NYINYA AMUKENI GROWERS	KYENI SOUTH	CBO
KIKANYA KYENI SOUTH MYW	KYENI SOUTH	CBO
NYAGARI	KYENI CENTRAL	CBO
MUTUMA PROJECT	KYENI NORTH	CBO
HOPE CHILDREN AND EMPOWERMENT CENTRE	KYENI NORTH	CBO
CAMPAIGN AGAINST DRUG ABUSE	KYENI NORTH	CBO
KYENI AGRICULTURAL FARMERS	KYENI	CBO
KASAFARI MUNGANO WATER PROJECT	KYENI SOUTH	CBO
HOPE AND FUTURE FAMILY	KYENI NORTH	CBO
KYENI QUALITY PROTEIN MAIZE VILLAGE	KYENI SOUTH	CBO
PEACE MAKERS C.B.O	RUNYENJES	CBO
ACACIA O.V.C	KAGAARI NORTH	CBO
3KM 1 GATURI WOMEN C.B.O	KAGAARI NORTH	CBO
RUKURIRI PREMIUM WOMEN	KAGAARI NORTH	CBO
KIRIMIRI TREE NURSERIES	KAGAARI NORTH	CBO
KIRIMIRI VISION	MUKUURI	CBO
GITARE C.B.O	GITARE	CBO
CAMPAIGN AGAINST DRUG ABUSE C.B.O	KIGAA	CBO
NDAMUNGE WATER PROJECT	KANJA SOUTH	CBO
EMBU EAST ANIMAL HEALTH TECHNICIANS	MWENENDEGA	CBO
KAVUTIRI C.B.O	GATURI/KAVUTIRI	CBO
BUSINESS WELFARE	KIGAA	CBO
PEACE MAKERS C.B.O	RUNYENJES	CBO

ACACIA O.V.C	KAGAARI NORTH	CBO
3KM 1 GATURI WOMEN C.B.O	KAGAARI NORTH	CBO
RUKURIRI PREMIUM WOMEN	KAGAARI NORTH	CBO
KIRIMIRI TREE NURSERIES	KAGAARI NORTH	CBO
KIRIMIRI VISION	MUKUURI	CBO
GITARE C.B.O	GITARE	CBO
CAMPAIGN AGAINST DRUG ABUSE C.B.O	KIGAA	CBO
NDAMUNGE WATER PROJECT	KANJA SOUTH	CBO
EMBU EAST ANIMAL HEALTH TECHNICIANS	MWENENDEGA	CBO
KAVUTIRI C.B.O	GATURI/KAVUTIRI	CBO
BUSINESS WELFARE	KIGAA	CBO

Annex 7: Heritage Sites and Monuments

NAME OF SITE/ MONUMENT	CONSTITUENCY	IMPORTANCE
Nthengenjeru Nthungu falls/caves	Runyenjes	Eco-Tourism electricity generation
Gaturumbari 3 in 1 at 50m interim	Manyatta	Eco-tourism
Ngunguri falls	Manyatta	Eco-Tourism
Itiriri falls	Manyatta	Eco-Tourism
Ndunda	Manyatta	Eco-Tourism
Kanja Ena River	Runyenjes	Eco-Tourism
Ngirimari	Runyenjes	Eco- Tourism
Gitwa (Kwaandu a Karuu)	Runyenjes	Eco- Tourism
Thuci falls	Runyenjes	Eco- Tourism
Thatha water POPI	Runyenjes	Agro- Tourism Eco- Tourism

MOUNTAIN /HILLS/SACRED PLACES SHRINES ITIITU AND IIRI

NAME	CONSTITUENCY	IMPORTANCE
-------------	---------------------	-------------------

MT. Kenya	Runyenjes	Eco-Tourism
Karue hills	Runyenjes/Manyatta	Eco-tourism, Sacred place
Kianamu Gititu kia Namu shrine		Sacred place, Eco-Tourism,cultural tourism
Muuri wa Ngure shrine	Runyenjes	Cultural Tourism, Eco-Tourism
Gakwegori shrine	Runyenjes	Cultural tourism, Eco-Tourism
Kairungu shrine	Manyatta	Cultural tourism, Eco-Tourism
Kianjiru hills	Embu County	Eco-Tourism
Kiang'ombe hills	Embu County	Eco-Tourism, Cultural /Tourism
Maranga hills shrine	Runyenjes	Eco-tourism, Cultural tourism
Mwenendega shrine	Runyenjes	Eco-Tourism, Cultural tourism
Gitare Iri shrine	Runyenjes	Cultural Tourism, Eco-tourism
Iga-jata shrine	Runyenjes	Eco-Tourism, Cultural tourism
Kirimiri hill/ shrine	Runyenjes	Eco-Tourism, Cultural tourism
Ithiga ria Kaguma shrine	Runyenjes	Eco-Tourism
Rock –Riethiga Kithimu	Manyatta	Eco-tourism
Rocks Gitare/ Kirwara road	Runyenjes	Eco-tourism
Rock Mukuuri Kathanda feeder road		Eco-tourism, Cultural tourism
Urumanthi Rupingazi river	Manyatta	Eco-Tourism
Ena river Urumanthi Gitare KanJa road	Runyenjes	Ecotourism
Rukuriri/Irirari road Thuci tributary	Runyenjes	Eco-Tourism

CAVES

NAME	CONSTITUENCY	IMPORTANCE
Irangi cave		Eco-Tourism, Cultural tourism
Kirimiri (4) caves	Runyenjes	Eco-Tourism, Cultural tourism
Maranga cave	Runyenjes	Eco-tourism, Cultural tourism

NAME	CONSTITUENCY	IMPORTANCE
Nguranga ya karwe		Eco-tourism
Kivunguro cave	Manyatta	Eco-tourism

NATURAL MINERAL WATERS (MUNYU)

NAME	CONSTITUENCY	IMPORTANCE
Gitwambugi		Eco-tourism, Cultural tourism
Mwiria	Manyatta	Eco-tourism, Cultural tourism
Kathiria Nyoni		Eco tourism, Cultural tourism
Gogo	Runyenjes	Eco-tourism, Cultural tourism
Kiriri Itimbogo	Runyenjes	Eco-tourism, Cultural tourism
Karago	Runyenjes	Eco-tourism,Cultural tourism
Kaunyuri	Runyenjes	Eco-tourism, Cultural tourism

MONUMENTS

NAME	LOCATION	IMPORTANCE
General Kubukubu monument	Kigari teachers collage Manyatta constituency	Eco-Tourism, Cultural tourism
Trigonometric pillars	Kamugere Runyenjes constituency	Highest place in Embu, Eco-tourism
Kirigi monument		Eco-tourism, Cultural tourism
Kithungururu		First place where coffee was planted in Embu, Agro-tourism
First and second presidents monument	Embu town	Eco-tourism
Kigari historical bell	Manyatta constituency	Eco-tourism