COUNTY VISION AND MISSION

County Vision

A prosperous, peaceful and just county with an empowered community enjoying equal opportunities.

County Mission

To facilitate socio-economic transformation of Turkana through sustainable use of resources to ensure a high quality of life for all residents.
TABLE OF CONTENTS

TABLE OF CONTENTS .......................................................................................................................... III
LIST OF TABLES AND MAPS .............................................................................................................. V
ABBREVIATIONS AND ACRONYMS ............................................................................................... VI
MAP OF TURKANA COUNTY .......................................................................................................... VIII
FOREWORD ........................................................................................................................................ IX
PREAMBLE AND ACKNOWLEDGEMENTS ...................................................................................... X
EXECUTIVE SUMMARY ................................................................................................................... XI
CHAPTER ONE ...................................................................................................................................... 1
COUNTY BACKGROUND INFORMATION ........................................................................................ 1
  1.1 POSITION AND SIZE ............................................................................................................... 2
  1.2 PHYSIOGRAPHIC AND NATURAL CONDITIONS ................................................................... 2
    1.2.1 Physical and Topographic Features ............................................................................... 2
    1.2.2 Ecological Conditions .................................................................................................. 3
    1.2.3 Climatic Conditions ....................................................................................................... 4
  1.3 DEMOGRAPHIC FEATURES ...................................................................................................... 5
    1.3.1 Population Size and Composition .............................................................................. 5
    1.3.2 Population Density and Distribution .......................................................................... 9
  1.4. HUMAN DEVELOPMENT INDICATORS .................................................................................. 11
  1.5 ADMINISTRATIVE AND POLITICAL UNITS ......................................................................... 12
    1.5.1 Administrative sub divisions (districts, divisions and locations) ................................... 12
    1.5.2 Political Units (Constituencies and Electoral wards) ..................................................... 13
    1.5.3 Eligible & Registered Voters by Constituency ............................................................... 13
CHAPTER TWO ................................................................................................................................... 15
  2.1 LINKAGES OF THE ANNUAL DEVELOPMENT PLAN WITH THE VISION 2030, MILLENNIUM
    DEVELOPMENT GOALS (MDGs) AND THE CONSTITUTION..................................................... 16
    2.1.1 Linkage with Vision 2030 and Medium Term Plan ...................................................... 16
    2.1.2 Mainstreaming of Millennium Development Goals at the county level ..................... 16
    2.1.3 Linkage with the Constitution 2010............................................................................. 18
  2.2 DEVELOPMENT CHALLENGES .............................................................................................. 18
    2.2.1 Drought ....................................................................................................................... 19
    2.2.4 Insecurity ..................................................................................................................... 19
    2.2.6 Poor and Inadequate Infrastructural Facilities ............................................................. 20
    2.2.7 Inadequate Marketing System .................................................................................... 21
    2.2.8 Livestock Diseases ..................................................................................................... 21
    2.2.9 Low Literacy Levels .................................................................................................... 21
CHAPTER THREE ............................................................................................................................ 23
DEVELOPMENT PROGRAMS AND PROJECTS ................................................................................. 23
  3.0 INTRODUCTION ....................................................................................................................... 24
  3.1 AGRICULTURE AND RURAL DEVELOPMENT SECTOR ....................................................... 24
    3.1.1 OFFICE OF THE GOVERNOR .................................................................................... 24
  3.2 FINANCE AND ECONOMIC PLANNING ............................................................................... 30
  3.3 WATER SERVICES, IRRIGATION AND AGRICULTURE ......................................................... 38
  3.4 HEALTH AND SANITATION .................................................................................................... 45
  3.5 TRADE, TOURISM AND INDUSTRIALIZATION .................................................................. 51
  3.6 EDUCATION ............................................................................................................................ 55
  3.7 PUBLIC SERVICE, DECENTRALISED ADMINISTRATION AND DISASTER MANAGEMENT ... 60
  3.8 TRANSPORT, ROADS, HOUSING AND PUBLIC WORKS .................................................... 65
  3.9 PASTORAL ECONOMY AND FISHERIES ............................................................................. 68
  3.10 ENERGY, ENVIRONMENT AND NATURAL RESOURCES ..................................................... 74
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.11 LANDS, PHYSICAL PLANNING AND URBAN AREAS MANAGEMENT</td>
<td>77</td>
</tr>
<tr>
<td>3.12 COUNTY ASSEMBLY</td>
<td>81</td>
</tr>
<tr>
<td>3.13 COUNTY PUBLIC SERVICE BOARD</td>
<td>82</td>
</tr>
<tr>
<td>CHAPTER FOUR</td>
<td>84</td>
</tr>
<tr>
<td>4.0 INTRODUCTION</td>
<td>85</td>
</tr>
<tr>
<td>4.1 INSTITUTIONAL FRAMEWORK FOR MONITORING AND EVALUATION as per NIMES</td>
<td>85</td>
</tr>
<tr>
<td>AND COUNTY M&amp;E SYSTEM</td>
<td>85</td>
</tr>
<tr>
<td>4.2 IMPLEMENTATION, MONITORING AND EVALUATION MATRIX</td>
<td>85</td>
</tr>
<tr>
<td>ANNEXES</td>
<td>129</td>
</tr>
<tr>
<td>ANNEX 1: COUNTY FACT SHEET</td>
<td>129</td>
</tr>
<tr>
<td>ANNEX 3: INDICATIVE MONITORING &amp; EVALUATION IMPACT/PERFORMANCE INDICATORS (MILESTONES)</td>
<td>138</td>
</tr>
<tr>
<td>ANNEX 4: MDG TABLE</td>
<td>140</td>
</tr>
</tbody>
</table>
LIST OF TABLES AND MAPS

Table 1: Population Projections by Age Cohorts .......................................................... 5
Table 2: Population Projections by Special Age Groups .............................................. 6
Table 3: Population Projection by Urban Centres ....................................................... 9
Table 4: Population Density and Distribution by Constituency ................................. 10
Table 5: Population Projections by Constituency ....................................................... 10
ABBREVIATIONS AND ACRONYMS

AIDS  Acquired Immune Deficiency Syndrome
A-in-A  Appropriation in Aid
ARV  Anti-Retroviral
ASAL  Arid and Semi-Arid Lands
BPS  Budget Policy Statement
CBAHC  Community Based Animal Health Care
CBOs  Community Based Organizations
CBROP  County Budget Review and Outlook Paper
CDPO  County Development Planning Officer
CEAP  County Environment Action Plan
CEC  County Executive Committee
CFSP  County Fiscal Strategy Paper
CFW  Cash for Work
CHW  Community Health Worker
DOL  Diocese of Lodwar
EMCA  Environment Management and Coordination Act
FBO  Faith Based Organizations
FFW  Food for Work
GAM  Global Acute Malnutrition
HIV  Human Immuno-Deficiency Virus
ICT  Information Communication Technology
IDC  Information and Documentation Centre
IDs  Identification Cards
IGA  Income Generating Activities
KEMSA  Kenya Medical Supplies Agency
KHIBS  Kenya Integrated Households Budget Survey
KPHC  Kenya Population and Housing Census
LAPSSET  Lamu Port-South Sudan-Ethiopia Transport
M&E  Monitoring and Evaluation
MDGs  Millennium Development Goals
MSMEs  Micro, Small and Medium Enterprises
MTEF  Medium Term Expenditure Framework
MTP  Medium-Term Plan
NEMA  National Environmental Management Authority
NGO  Non-Governmental Organization
OVCs  Orphans and Vulnerable Children
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM&amp;E</td>
<td>Participatory Monitoring and Evaluation</td>
</tr>
<tr>
<td>PMC</td>
<td>Project Management Committee</td>
</tr>
<tr>
<td>PMTCT</td>
<td>Prevention of Mother to Child Transmission</td>
</tr>
<tr>
<td>PPP</td>
<td>Program Based Budget</td>
</tr>
<tr>
<td>PPP</td>
<td>Public Private Partnerships</td>
</tr>
<tr>
<td>PPR</td>
<td>Peste Petit Ruminants</td>
</tr>
<tr>
<td>SACCO</td>
<td>Savings and Credit Cooperative Society</td>
</tr>
<tr>
<td>SWG</td>
<td>Sector Working Groups</td>
</tr>
<tr>
<td>SWOT</td>
<td>Strengths, Weaknesses, Opportunities and Threats Analysis</td>
</tr>
<tr>
<td>TBAs</td>
<td>Traditional Birth Attendants</td>
</tr>
<tr>
<td>TRP</td>
<td>Turkana Rehabilitation Project</td>
</tr>
<tr>
<td>WRUA</td>
<td>Water Resource Users Association</td>
</tr>
</tbody>
</table>
MAP OF TURKANA COUNTY

Map: 1: Turkana County
FOREWORD
PREAMBLE AND ACKNOWLEDGEMENTS
EXECUTIVE SUMMARY

Turkana County is situated in the North Western part of Kenya. The County is administratively divided into 7 sub-counties, 30 wards, 56 locations that are further subdivided into 156 sub-locations. The settlement patterns in the county are determined by various factors such as climate, soil fertility and infrastructure.

The Turkana people are traditionally pastoralists and the only notable migration pattern is rural to rural movement in the form of nomadism. Rainfall in the county follows a fairly erratic pattern varying significantly both over time and space. The county, however, experiences both short and long rains. The driest months are January, February and September. The long rains season falls between the months of April to July. Short rains occur during the months of October, November and December.

The county population during the Kenya Population and Housing Census of 2009 stood at 855,399. The county population average growth rate is 6.4% per annum. This puts the total county population in 2012 at 1,036,586 and the figure is projected to increase to 1,256,152 people in 2015 and to 1,427,797 by 2017 assuming constant mortality and fertility rates.

The county is endowed with many natural resources including sun, oil and minerals like gold. It is deemed to have the largest gold deposits in the country because even from a closer look, there are many areas within the county that people practise mining of gold but on small scales. The county has ten blocks of oil deposits that are now under exploration.

These resources once they are fully harnessed and utilised appropriately shall bring rapid growth development in the county. The county being in a strategic position and sharing its borders with three countries stands a better chance to link trade among the three countries and even boost bilateral trade agreements between Kenya and its neighbours. It stands to be the next frontier of development in the country considering under the vision 2030 there shall be a resort city at Eliye springs beach along the Lake Turkana.

Some of the constraints faced by the County include; capacity challenges, poverty, low funding/delay in funds disbursements, poor infrastructure, high illiteracy levels, insecurity,
understaffing, recurrent drought-diverting investments, ineffective partnerships, corruption, lack of sustainability measures like maintenance, under-investment of properties, outbreak of diseases both for human and animals, leadership gaps, poor community participation in development, gender imbalance, inadequate information sharing mechanisms amongst development stakeholders, lack of energy infrastructure and uncoordinated.

The new governance structures ushered in by the new constitution which lays emphasis on project identification at the community level through participatory process has enhanced project ownership by the communities. This has triggered a number of economic activities which has led to remarkable improvement in the quality of life at the community level.

To achieve the set goals in the plan, the county will put in place institutional structures which will help in implementation, monitoring and evaluation of the proposed projects. The M&E structure in the county will adopt the bottom-up approach strategy. The team that will take a leading role in implementation and M&E shall comprise of government technical officers, community representatives, NGOs representatives, donor and other stakeholders.

The Annual Development Plan is divided into four chapters as follows:

**Chapter 1**: Gives the county background information and the situation analysis which is contained in the County Fact Sheet.

**Chapter 2**: Deals with the socio-economic development challenges with emphasis on how the ADP links with the country’s Constitution, the Vision 2030 and the Second Medium Term Plan. Mainstreaming of MDGs in the ADP is also discussed in this chapter.

**Chapter 3**: Deals with development Programmes and Sub-programmes to be undertaken by different MDAs in the county during the plan period. Clear goals, objectives, expected outcomes, indicators and project costs are spelt out clearly.

**Chapter 4**: Sets the M&E framework and defines mechanisms and tools for monitoring and evaluation.
CHAPTER ONE

COUNTY BACKGROUND INFORMATION
1.0 INTRODUCTION

This chapter gives the background information on the socio-economic and infrastructural information that has a bearing on the development of the county. The chapter provides description of the county in terms of the location, size, physiographic and natural conditions, demographic profiles as well as the administrative and political units. Detailed data is presented in the fact sheet which is given in Annex I.

1.1 Position and Size

Turkana County is situated in North Western Kenya. It borders West Pokot and Baringo Counties to the south, Samburu County to the South East, and Marsabit County to the East. Internationally it borders South Sudan to the north, Uganda to the west and Ethiopia to the north east. The County shares Lake Turkana with Marsabit County. The total area of the county is 68,680.3 Km² and lies between Longitudes 34° 30’ and 36° 40’ East and between Latitudes 1° 30’ and 5° 30’ North.

1.2 Physiographic and Natural Conditions

1.2.1 Physical and Topographic Features

The physiographic features in the county include low lying open plains, mountain ranges and river drainage patterns.

Lake Turkana is at an elevation of 360 meters (1,181 feet) while the surrounding basin is anywhere from 375-914 meters (1,230-3,000 feet).

The main mountain ranges of the county are Loima, Lorengippi, Mogila, Songot, Kalapata, Loriu, Kailong’kol and Silale mountains. The mountain ranges, because of their high elevation, are normally green, covered with dense bushes and high woody cover. The ranges support important economic activities like honey production, grazing during the dry season, wood production, and charcoal production. There are also water catchment sources thus supporting gum Arabic growing and small household shambas. The hills in the county consist of Tepes Hills in Kibish Division, Lokwanamoru Hills and Loriontom Hills in Kaikor Division, Pelekech Hills in Kakuma Division and Loima Hills in Loima Division which are characterized by large forests.
The open lying plains consist of the Kalapata and Lotikipi Plains. The plains form part of the arid area in the County and receive the lowest amount of rainfall of around 180 mm per annum. These plains are dominated by dwarf shrub and grassland, which provide forage for livestock during and shortly after the rainy season. However, this forage dries rapidly at the onset of the dry season.

Rivers Tarach, Kerio, Kalapata, Malimalite and Turkwel are the major rivers in the county making them the most important with a potential of producing large amounts of food for the county, if properly utilized.

Lake Turkana is the largest and most saline of the Rift Valley lakes. There is no outlet, and with reduced inflows and high evaporation this results into depositing of salt in the soil and capping on the surface. The water level is subject to three to four metres seasonal fluctuations. In total, the water level dropped 10m between 1975 and 1992. River Omo from Ethiopia which is permanent drains into Lake Turkana. The lake is situated on the eastern part of the county and has northern island and is endowed with a variety of wild animals namely: hippos, crocodiles and water fowls. Fishing is the major activity in the lake.

Soils in Turkana County are not well developed due to aridity and constant erosion by water and wind. Often they are capped by stone mantles. Colluvial soils tend to be reddish over the basement system and generally grey buff or white over the volcanoes. Aeolian soils are dune sands either active or fossil; Alluvial soils range from coarse sands to flash flood silts, while black or brown clays occur locally in areas of impended drainage.

1.2.2 Ecological Conditions

The county is endowed with the Lake which is a world heritage; it also has a number of rivers that flow into the lake. These include Rivers Turkwel and Kerio among others that are seasonal. The County also has several springs which are scattered across the county especially parts of the lake zones and the Turkana East.

There are insufficient details showing agro-ecological zones by Division but the zones in proportion can be estimated as below-

- Lower midland zone 5 (semi-arid) 3%
- Inner midland zone 4 (transition) 1%
- Inner lowland zone 5 (semi-arid) 16%
- Inner lowland zone 6 (arid) 42%
- Inner lowland zone 7 (very arid) 38%

The forest cover in the county is held in trust by the Local Government where communities utilize all natural resources without many restrictions. There is no gazetted or surveyed forest in the County.

1.2.3 Climatic Conditions

Turkana County is arid and semi-arid and is characterized by warm and hot climate. The temperatures range between 20°C and 41°C with a mean of 30.5°C.

The rainfall pattern and distribution is erratic and unreliable both with time and space. There are two rainfall seasons. The long rains (akiporo) usually occur between April and July and the short rains between October and November and ranges between 52 mm and 480 mm annually with a mean of 200 mm. The driest periods (akamu) are January, February and September. The rainfall is distributed on an east-west gradient with more rainfall in the western parts and other areas of higher elevation. The rainfalls in brief violet storms resulting in flush floods. The surface runoff and potential evaporation rates are extremely high.

Due to the low rainfall and high temperatures there is a lot of evapo-transpiration resulting into deposition of salt in the soil and capping on the surface. As a result, only about 30 per cent of the county’s soil can be rated as moderately suitable for agricultural production. These moderately fertile soils are found at the central plains of Lorengippi, the upper Loima, the lowlands of the Turkwel, Nakaton and Kawalathe drainage along the lake at the lower Kalokol, Turkwel and Kerio rivers and a portion of the Loriu Plateaus.

For the last two and a half decades, the county has frequently suffered from failures of the annual rains. However, years 2006, 2007 and 2011, witnessed a higher than expected rainfall. This resulted to flash floods with many parts of the county experiencing loss of livestock and pasture.
1.3 DEMOGRAPHIC FEATURES

1.3.1 Population Size and Composition

According to the Kenya Population and Housing Census (KPHC) 2009 results, the County population stood at 855,399. It is projected to have a total population of 1,036,586 in 2012 and 1,427,797 in 2017. These projections are based on a population growth rate of 6.4 percent assuming constant mortality and fertility rates. The increase in the overall population will call for more investment in economic and social facilities such as health services, educational facilities, agriculture and livestock sectors to provide food and employment opportunities. Table 1 provides population projections based on 2009 population census.

<table>
<thead>
<tr>
<th>Age</th>
<th>2009 (Census)</th>
<th>2012 (Projections)</th>
<th>2015 (Projections)</th>
<th>2017 (Projections)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
<td>Male</td>
</tr>
<tr>
<td>0-4</td>
<td>57,530</td>
<td>54,049</td>
<td>111,579</td>
<td>69,716</td>
</tr>
<tr>
<td>5-9</td>
<td>71,898</td>
<td>66,175</td>
<td>138,073</td>
<td>87,127</td>
</tr>
<tr>
<td>10-14</td>
<td>77,156</td>
<td>66,405</td>
<td>143,561</td>
<td>93,499</td>
</tr>
<tr>
<td>15-19</td>
<td>66,881</td>
<td>52,307</td>
<td>119,188</td>
<td>81,047</td>
</tr>
<tr>
<td>20-24</td>
<td>43,110</td>
<td>37,149</td>
<td>80,259</td>
<td>52,241</td>
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<tr>
<td>25-29</td>
<td>30,703</td>
<td>30,850</td>
<td>61,553</td>
<td>37,206</td>
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<td>30-34</td>
<td>21,742</td>
<td>24,234</td>
<td>45,976</td>
<td>26,347</td>
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<td>35-39</td>
<td>17,473</td>
<td>21,423</td>
<td>38,896</td>
<td>21,174</td>
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<td>40-44</td>
<td>14,240</td>
<td>15,130</td>
<td>29,370</td>
<td>17,256</td>
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<td>45-49</td>
<td>11,584</td>
<td>11,644</td>
<td>23,228</td>
<td>14,038</td>
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<td>50-54</td>
<td>9,211</td>
<td>9,137</td>
<td>18,348</td>
<td>11,162</td>
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<td>55-59</td>
<td>6,892</td>
<td>6,823</td>
<td>13,715</td>
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<td>60-64</td>
<td>6,010</td>
<td>5,436</td>
<td>11,446</td>
<td>7,283</td>
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<td>65-69</td>
<td>3,419</td>
<td>3,129</td>
<td>6,548</td>
<td>4,143</td>
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<tr>
<td>70-74</td>
<td>2,771</td>
<td>2,349</td>
<td>5,120</td>
<td>3,358</td>
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<tr>
<td>75-79</td>
<td>1,470</td>
<td>1,390</td>
<td>2,860</td>
<td>1,781</td>
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<tr>
<td>80+</td>
<td>2,741</td>
<td>2,530</td>
<td>5,271</td>
<td>3,322</td>
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<td>NS</td>
<td>238</td>
<td>170</td>
<td>408</td>
<td>288</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>445,069</td>
<td>410,330</td>
<td>855,399</td>
<td>539,342</td>
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</tbody>
</table>
As shown in Table 1 there are more males than females for all age-cohorts. The County has a young population with 60% being under the age of 19 years. The County’s population is set to grow to 1,427,797 by the year 2017. This represents an increase of 67 per cent for the period 2009 to 2017. This calls for the urgent management of the population and introduction of specific programs to curb this trend. Analyzing target audience behaviour and use of the persuasive power of mass media is critical in enhancing attainment of socio-economic development.

The intensive process should involve sensitizing the community on issues of population and family planning and reproductive health and building their capacities on the benefits of family planning to their families and communities.

**Table 2: Population Projections by Special Age Groups**

<table>
<thead>
<tr>
<th>Age groups</th>
<th>2009 (Census)</th>
<th>2012 (Projections)</th>
<th>2015 (Projections)</th>
<th>2017 (Projections)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 1</td>
<td>7,881</td>
<td>7,649</td>
<td>9,550</td>
<td>11,573</td>
</tr>
<tr>
<td>Under 5</td>
<td>57,530</td>
<td>54,049</td>
<td>69,716</td>
<td>84,483</td>
</tr>
<tr>
<td>Primary school Age (6-13)</td>
<td>123,970</td>
<td>111,089</td>
<td>150,229</td>
<td>182,050</td>
</tr>
<tr>
<td>Secondary School age (14-17)</td>
<td>50,279</td>
<td>39,103</td>
<td>60,929</td>
<td>73,835</td>
</tr>
<tr>
<td>Youth Population (15-29)</td>
<td>140,694</td>
<td>120,306</td>
<td>170,495</td>
<td>206,609</td>
</tr>
<tr>
<td>Reproductive age – female (15-49)</td>
<td>205,733</td>
<td>192,737</td>
<td>249,311</td>
<td>302,118</td>
</tr>
<tr>
<td>Labour force (15-64)</td>
<td>227,846</td>
<td>214,133</td>
<td>276,107</td>
<td>320,334</td>
</tr>
<tr>
<td>Aged Population (65+)</td>
<td>10,401</td>
<td>9,398</td>
<td>12,604</td>
<td>15,274</td>
</tr>
<tr>
<td>Total</td>
<td>824,334</td>
<td>748,464</td>
<td>1,095,942</td>
<td>1,210,533</td>
</tr>
</tbody>
</table>

**Source: County Statistics Office, Turkana 2014**
Table 2 shows population projection of selected age groups with 2009 as the base year and projections. These include, population of under 1 year, under 5, primary school going age (6-13 years), secondary school going age (14-17 years), the Youth (15-29 years), female reproductive age group (15-49 years), the labour force (15-64 years) and the aged population of 65 years and above. These age groups have been identified for analysis because of their critical role in the socio-economic development of the County.

Population distribution by special age groups is vital for planning purposes. It helps to put in place long-term strategies aimed at addressing age specific needs and issues such as mortality for children below five years, education for school going age group, labour force for the 15 to 55 years population and the dependent population. Similarly, it offers policy makers with the necessary information to analyze and interpret the causes of various dynamics that result in population structure changes and the arising challenges.

**Children under 1 year**
The population of this age group increased from 15,530 in 2009 to 18,820 in 2012 and is expected to increase to 25,922 by 2017. Male children are a majority in this age group standing at 9,550 while the females stand at 9,269 in 2012. To plan for this age group, key priorities shall include planning for future enrolment into educational institutions and in making decisions which will put more emphasis to child care e.g. immunization in the health sector.

**Pre- School going Age (Under 5 years):**
The population of this age group is expected to increase from 111,579 in 2009 to 135,213 in 2012 and 186,243 by 2017. Male children stand at 69,716 while the girls at 65,497 in 2012. Important decisions or priorities includes making decisions regarding early childhood development (ECDE) which provide a foundation for meeting the child’s cognitive, psychological, moral and emotional needs.

**Primary School Age (6-13 years)**
The population for this age group in 2009 was 235,059. It grew to 284,848 and is expected to increase to 392,351 by 2017. This growth is expected to maintain the pressure on primary school facilities and the teacher pupil ratio at primary school level is not expected to change significantly.
Secondary School Age (14-17 years)
The population in this age group now stands at 108,315 and is expected to rise to 149,193 by 2017. Increase in population for this age group implies that the education facilities should be equipped to handle the marginal increase. This calls for continued investment in social and physical infrastructure like schools, training institutions and employment creation.

Female Reproductive Age Group (15-49 years)
In 2009 the population of the female reproductive age group (15-49 years) was 192,737 and currently it stands at 233,562 in 2012. This is projected to reach 321,709 in 2017. This age group is the single most important determining factor of population growth hence one of the main interventions by the health sector will be to improve both child and maternal health.

Youth (15-29 years)
This age group had a population projection of 261,000 in 2009 increasing to 316,284 in 2012 and is expected to reach 435,650 in 2017. This youth age bracket comprises 31.78 per cent of the population.
Over the last few years the government and other development partners have initiated projects geared towards empowering the youth economically. For these initiatives to succeed, it is prudent to analyze the age dynamics of this age group and how its growth rate will affect the focus and success of projects.

Labour Force (15 – 64 years)
This age group was 441,979 in 2009 and is projected to increase to 535,597 in 2012. This represents 49.34 percent of the total population. This is the economically active age group whose increase will require a commensurate increase in creation of job opportunities. Due to increase of this age group, it becomes necessary to offer training to the group to make it more productive. Majority of the population in this age group are engaged in the livestock sub-sector mainly pastoralism. In order to absorb the increasing labour force, investment in diverse sectors such as modern agricultural, livestock marketing, mining, fishing, agri-business, and eco-tourism is required. The increase in devolved funds in the County has created employment...
opportunities. Local contractors employ casual labourers from among the community members and also offices are set up at devolved levels absorb the community members amongst their staff.

**Aged population (65+ years)**

The population of this age group in 2012 is 23,993 and is expected to increase to 33,048 by 2017. This is a dependent age group and their increase in number calls for the Government and partners to come with programmes such as cash transfers for the elderly.

**Table 3: Population Projection by Urban Centres**

<table>
<thead>
<tr>
<th>Urban Centres</th>
<th>2009 (Census)</th>
<th>2012 (Projections)</th>
<th>2015 (Projections)</th>
<th>2017 (Projections)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
<td>Male</td>
</tr>
<tr>
<td>Lodwar</td>
<td>22,349</td>
<td>23,019</td>
<td>45,368</td>
<td>27,083</td>
</tr>
<tr>
<td>Kakuma</td>
<td>16,820</td>
<td>15,142</td>
<td>31,962</td>
<td>20,383</td>
</tr>
<tr>
<td>Lokichoggio</td>
<td>9,313</td>
<td>8,382</td>
<td>17,695</td>
<td>11,286</td>
</tr>
<tr>
<td>Total</td>
<td>48,482</td>
<td>46,543</td>
<td>95,025</td>
<td>58,751</td>
</tr>
</tbody>
</table>

*Source: KPHC 2009*

Lodwar Town has the highest population projected to be 54,978 in 2012. The high number in these urban centres is attributed to more influx of people seeking employment and the availability of infrastructure and social amenities. According to the Cities and Urban Areas Act of 2012, only the above three urban centres qualify to be classified as Towns. There is need for improved infrastructural facilities and social amenities in these towns.

**1.3.2 Population Density and Distribution**

The population density in the county varies from 24 persons per Km² in Turkana Central Constituency to 5 persons per Km² in Turkana East Constituency. The average population density in the County is 12 persons per km². This is based on the 2009 Kenya Population and Housing Census.

Settlement patterns in Turkana County correspond with natural resource endowment. This is exhibited by low population densities in the rural areas and high population in towns and
market centers where economic opportunities prevail. Lake Turkana as a resource has influenced a high settlement patterns in the areas along it.

Table 4: Population Density and Distribution by Constituency

<table>
<thead>
<tr>
<th>CONSTITUENCY</th>
<th>2009 (Census)</th>
<th>2012 (Projections)</th>
<th>2015 (Projections)</th>
<th>2017 (Projections)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Population</td>
<td>Population</td>
<td>Population</td>
<td>Population</td>
</tr>
<tr>
<td></td>
<td>Density (Km²)</td>
<td>Density (Km²)</td>
<td>Density (Km²)</td>
<td>Density (Km²)</td>
</tr>
<tr>
<td>TURKANA CENTRAL</td>
<td>134,674</td>
<td>163,200</td>
<td>197,768</td>
<td>224,792</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>29</td>
<td>35</td>
<td>40</td>
</tr>
<tr>
<td>TURKANA NORTH</td>
<td>129,087</td>
<td>156,430</td>
<td>189,564</td>
<td>215,467</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>9</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>TURKANA WEST</td>
<td>245,327</td>
<td>297,291</td>
<td>360,262</td>
<td>409,490</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>17</td>
<td>21</td>
<td>24</td>
</tr>
<tr>
<td>LOIMA</td>
<td>119,932</td>
<td>145,336</td>
<td>176,120</td>
<td>200,186</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>16</td>
<td>20</td>
<td>22</td>
</tr>
<tr>
<td>TURKANA EAST</td>
<td>90,466</td>
<td>109,628</td>
<td>132,849</td>
<td>151,002</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>TURKANA SOUTH</td>
<td>135,913</td>
<td>164,702</td>
<td>199,588</td>
<td>226,860</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>22</td>
<td>27</td>
<td>31</td>
</tr>
<tr>
<td>Total</td>
<td>855,399</td>
<td>1,036,587</td>
<td>1,256,151</td>
<td>1,427,797</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>15</td>
<td>18</td>
<td>21</td>
</tr>
</tbody>
</table>

Source: County Statistics Office, Turkana 2011

Turkana Central has the highest concentration of people because it is the County headquarters and has many infrastructural and social amenities. There are also more opportunities, such as job opportunities, in the town than in other areas. On the other hand, Turkana East has the smallest population density densities because of the insecurity levels in the area which is mainly caused by cattle rustling.

Table 5: Population Projections by Constituency

<table>
<thead>
<tr>
<th>Constituency</th>
<th>2009 (Census)</th>
<th>2012 (Projections)</th>
<th>2015 (Projections)</th>
<th>2017 (Projections)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
<td>Male</td>
</tr>
<tr>
<td>TURKANA CENTRAL</td>
<td>66459</td>
<td>68215</td>
<td>134674</td>
<td>80,536</td>
</tr>
<tr>
<td>TURKANA NORTH</td>
<td>68655</td>
<td>60432</td>
<td>129087</td>
<td>83,197</td>
</tr>
<tr>
<td>TURKANA WEST</td>
<td>128853</td>
<td>116474</td>
<td>245327</td>
<td>156,14</td>
</tr>
<tr>
<td>LOIMA</td>
<td>60080</td>
<td>59852</td>
<td>119932</td>
<td>72,806</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>5</td>
<td>8</td>
<td>3</td>
</tr>
</tbody>
</table>
Turkana West Constituency is the most populated because of the refugee camp in Kakuma. On the other hand, Turkana East has the least population due to insecurity along the border with West Pokot. From table 5, the projections indicate that the population is expected to almost double by 2017 to 1,427,797.

However, for the county to achieve the targets set by the County’s Vision there is need for comprehensive measures to be taken to maintain the population at manageable levels. This will reduce the strain on the limited resources available.

1.4. HUMAN DEVELOPMENT INDICATORS

Table 6: Human Development Indicators for Turkana County

<table>
<thead>
<tr>
<th>Indicators</th>
<th>Weight (County)</th>
<th>Weight (National)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Development Index (HDI)</td>
<td>0.3331</td>
<td>0.561</td>
</tr>
<tr>
<td>Youth Development Index (YDI)</td>
<td>0.5952(Regional)</td>
<td>0.5817</td>
</tr>
<tr>
<td>Gender Development Index (GDI)</td>
<td>0.4943(Regional)</td>
<td>0.4924</td>
</tr>
<tr>
<td>Human Poverty Index (HPI)</td>
<td>0.613</td>
<td>0.291</td>
</tr>
</tbody>
</table>

Source: Kenya National Human Development Report, 2009

Human Development Index

Human Development Index (HDI) is an indicator of long and healthy life, acquisition of knowledge and a reasonable standard of living. These factors are measured by: life expectancy at birth, adult literacy rate and the combined enrolment ratio at primary and secondary and tertiary levels and Gross Domestic Product (GDP) per capita measured in Purchasing Poverty Party(PPP) in US dollars. Table 6 shows that the Turkana County Human Development Index is lower than that of the country. Therefore it can be concluded that the residents of the county are not doing well in the three respects.

Human Poverty Index

The index brings together different areas of deprivation which means the denial of the most basic opportunities and choices. Unlike the Human Development Index, Human Poverty Index measures the most deprived in the country in the same three areas. In the table 6 the
country is doing better than the county. Thus the policy makers should identify the aspect which the residents are most deprived and prioritize it.

**Gender Development Index**

It’s a measure of how gender inequality in knowledge acquisition, longevity and health and standard of living affect human development. The gap between the Gender Development Index and the Human Development Index is a measure of gender inequalities. Table 6 shows that there is a significant variation between the county’s Human Development Index and the Gender Development Index. It can therefore be concluded that the county is still not free from gender inequalities. Policies need to be put in place to reduce the gap and empower women.

**Youth Development Index**

It’s a youth development index based on; acquisition of wealth, access to education and training, access to labour markets (employment and income), longevity of life (sexual and reproductive health), access to social services opportunities and conditions. Table 6 shows that YDI of the county is slightly above that of the country. However, a lot needs to be done to improve the index and ensure that the youth lead better lives in future.

### 1.5 ADMINISTRATIVE AND POLITICAL UNITS

**1.5.1 Administrative sub divisions (districts, divisions and locations)**

The county is administratively divided into 6 sub-counties, 17 divisions, 56 locations that are further sub-divided into 156 sub-locations.

The Table 7 shows administrative units by division.

**Table 7: Administrative Units by Division**

<table>
<thead>
<tr>
<th>District</th>
<th>Division</th>
<th>Area (km²)</th>
<th>No. of Locations</th>
<th>Sub-locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkana South</td>
<td>Lokichar</td>
<td>4536.6</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Kainuk</td>
<td>1684.1</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Katilu</td>
<td>1143.1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Turkana East</td>
<td>Lomelo</td>
<td>4215.9</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Lokori</td>
<td>7091.2</td>
<td>4</td>
<td>11</td>
</tr>
</tbody>
</table>
### 1.5.2 Political Units (Constituencies and Electoral wards)

The County has thirty wards and six political constituencies namely: Turkana North, Turkana West, Turkana Central, Loima, Turkana South, and Turkana East Constituencies. The boundaries of these constituencies coincide with those of the sub-counties. Table 8 shows each constituency and its number of wards.

**Table 8: Political Units**

<table>
<thead>
<tr>
<th>Constituency</th>
<th>Number of Wards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkana Central</td>
<td>5</td>
</tr>
<tr>
<td>Turkana North</td>
<td>6</td>
</tr>
<tr>
<td>Turkana West</td>
<td>7</td>
</tr>
<tr>
<td>Loima</td>
<td>4</td>
</tr>
<tr>
<td>Turkana East</td>
<td>3</td>
</tr>
<tr>
<td>Turkana South</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total number of wards</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

*Source: IEBC Office, Turkana, 2012*

### 1.5.3 Eligible & Registered Voters by Constituency

Table 9 shows the number of eligible voters and registered voters as at December 2012.

**Table 9: Registered and Eligible Voters**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkana North</td>
<td>77,756</td>
<td>18,561</td>
</tr>
<tr>
<td>Turkana West</td>
<td>96,541</td>
<td>32,513</td>
</tr>
<tr>
<td>Location</td>
<td>Registered Voters</td>
<td>Registered Voters</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Turkana Central</td>
<td>62,785</td>
<td>25,970</td>
</tr>
<tr>
<td>Loima</td>
<td>56,168</td>
<td>14,115</td>
</tr>
<tr>
<td>Turkana South</td>
<td>63,363</td>
<td>19,811</td>
</tr>
<tr>
<td>Turkana East</td>
<td>42,175</td>
<td>9,375</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>398,786</strong></td>
<td><strong>120,345</strong></td>
</tr>
</tbody>
</table>

*Source: IEBC Website as accessed on 18th December, 2012*

Clearly, only 30.2 percent of the eligible voters registered as voters. This low turnout can be attributed to the nomadic way of life of the community and low voter education and awareness. The low voter registration of 22.2 per cent in Turkana East could have been caused by insecurity in the constituency. Voter awareness and a more permanent settlement pattern in Turkana Central are the major reasons for a higher voter registration turnout of 41.4 per cent.
CHAPTER TWO

DEVELOPMENT ANALYSIS
2.0 INTRODUCTION

This chapter provides the County development analysis. The chapter provides the linkage of the County Development Profile with the Kenya Vision 2030, the Medium Term Plans, Millennium Development Goals and the Constitution of Kenya, 2010. It also analyzes the major development challenges and cross-cutting issues that affect the development of the county.

2.1 Linkages of the Annual Development Plan with the Vision 2030, Millennium Development Goals (MDGs) and the Constitution

2.1.1 Linkage with Vision 2030 and Medium Term Plan

Vision 2030 is the long-term Government economic blueprint whose aim is to make Kenya a middle-income economy. The underlying objective is to make Kenya a globally competitive and prosperous nation with a high quality of life by the year 2030. The Medium Term Plan (MTP) is a five year term policy document which outlines a broad framework for attaining development goals set within a specific plan period. It also contains a theme which highlights the policy objectives and targets to be achieved by various sectors of the economy within the specified period. Annual Development Plan on the other hand is a document that shows the developments projects the County Government is set to undertake in line with the County Integrated Development Plan as outlined in the Programme Based Budget. The document being an offshoot of the CIDP is linked with the Budget Policy Statement (BPS), the County Budget Review and Outlook Paper (CBROP) and County Fiscal Strategy Paper (CFSP). The ADP ensures that county level planning and budgeting is responsive to the achievement of the Vision 2030 through the five year MTPs.

2.1.2 Mainstreaming of Millennium Development Goals at the county level

The Millennium Development Goals are the specific goals to be met by 2015 that seek to ensure basic human development for all by 2015. The Millennium Development Goals include; Eradicating extreme poverty and hunger, Achieving universal primary education, promoting gender equality and women empowerment, reducing child mortality, improving maternal health, Combating HIV/AIDS and other diseases, ensure environmental
sustainability and finally develop global partnership for national development. In this regard, Turkana being a millennium county is implementing the programme Mainstreaming, Coordinating and Accelerating Millennium Development Goals in Kenya’s Development Process aiming at achievement of the Millennium Development Goals in Turkana County.

**Goal 1:** Poverty remains a major challenge in the county. Although the proportion of Kenya’s population living below the poverty line declined from 52.6 percent in 1997 to 45.9 percent in 2005/06, in Turkana County the proportion living below poverty is at a staggering level of 92 percent while those who are food poor are 72.7 percent. The multiple crises such as post-election violence, severe drought and recession during the years 2008, 2009 and 2011 are likely to have increased the poverty levels. The county will need to scale up and sustain measures aimed at food production and wealth creation in order to alleviate poverty. The County contribution to national poverty stands at 1.3 percent.

**Goal 2:** Gross and net enrolment rates in primary are 67 percent and 40 percent respectively as compared to the national Gross enrolment rate of 110 percent and Net enrolment rate of 92.9 percent. This discrepancy can be attributed to the long distance to the nearest school, insecurity and the pastoral cultural practices. Transition rate on the other hand stands at 30 percent. The number of children of primary school going age is 235,059 while those going to school are 64,456. for urgent need of interventions that ensures children of school going age are made to go to school. The primary school dropout rate is 46 percent.

**Goal 3:** There is limited participation of women in politics. The proportion of seats held by women in parliament from Turkana County was zero by 2012 compared to 22 nationally. The ratio of boys to girls in secondary school is 2956:1545.

**Goal 4:** Infant mortality rate is 66 deaths in every 1000 live birth, slightly above the national figure of 52 death per 1000 live births Kenya Demographic Health Survey(KDHS), 2008-2009 and that of under-five is 72 deaths in every1000 live births, which is low compared to 74 death for every 1000 live births nationally. The proportion of children who are fully immunized is 35.3 percent.

**Goal 5, 6:** The proportion of deliveries within health facilities is 10 percent while those delivering at home stands at 90 percent. About 10 percent of the deliveries are attended by a
trained health worker while the rest are self-deliveries or assisted by traditional birth attendants. Contraceptive acceptance level is 9.0 percent in the county compared to the contraceptive prevalence rate of 45.5% nationally (KDHS, 2008-2009). The county HIV prevalence stands at 6.9 percent which is slightly higher than 6.3 percent prevalence reported nationally, HIV/AIDS interventions that has worked in other parts of the country should be replicated in this county.

**Goal 7. And 8:** Households accessing potable water are 33,237, while the average distance to nearest water point is between 5 to 10km. In sanitation, 22,820 households have access to a sanitation facility which represents 8 percent of the total households. Nationally, 84% of the Kenya households use adequate human waste disposal facilities. There are however no gazetted forests in County. There is low mobile network coverage in the County.

Some of the challenges facing the achievement of Millennium Development Goals in Turkana are: Inadequate resources for financing Millennium Development Goals related activities, recurrent droughts and unpredictable climatic conditions due to climate change.

**2.1.3 Linkage with the Constitution 2010**

The promulgation of the new constitution in August 2010 paved way to the creation of devolved governance units (counties) to take power and resources closer to the people. It is from this background that County Integrated Development Plans are made to provide baseline information on county statistics and development statuses, provide a basis for decision making in terms development for the county and take stock of all development projects.

**2.2 Development Challenges**

The county has a poverty index of 92 percent with a contribution of 1.3 percent to the national poverty. Government has been implementing various projects and programmes; all geared towards poverty reduction and boosting food security in the County. There has been considerable achievement although the County continues to face various challenges that hinder development. The major ones include, land tenure system, persistent drought, water insufficiency, insecurity, national resources’ management and conservation, poor and inadequate infrastructural facilities, market related challenges, livestock diseases and low literacy levels.
2.2.2 Drought
Drought has become a common occurrence in the county. The county does not receive adequate and reliable rainfall therefore experiencing drought very often. As a result, pastoralism and agro-pastoralism which are the main livelihoods of the county’s economy are greatly affected thus leading to famine. Domestic animals, which provide the main coping mechanism for the people, do not fetch enough prices to enable the families purchase food in the market hence much of the county population has a low purchasing power. The phenomenon has become cyclic such that, the county relies on relief food to sustain its people.

2.2.3 Inadequate Water
The county has inadequate water for domestic use, livestock and crop irrigation. The rainfall is inadequate and unreliable amounting to an average of 200 mm of rainfall per annum. About 88 percent of the county’s residents depend on surface and sub-surface dams for water, which often do not hold sufficient water due to the high evaporation rate during the dry seasons. The already existing water supplies are overstretched and unable to supply enough water for the increasing population.
To improve the water supply situation, the county needs to embark on the rehabilitation of the existing water schemes to increase their efficiency and construction of earth dams and pans. The communities need to be encouraged to build shallow wells, sub-surface dams and also undertake roof catchments to harvest rainwater. Programmes aimed at protecting the water catchment areas and harnessing the water from Kerio, Malimalite, Tarach, Suguta, Kalapata and Turkwel Rivers will also be of great importance.

2.2.4 Insecurity
Pastoralists in Turkana County are both nomadic and sedentary and they keep cattle, sheep, goats and camels. Access to pasture during the dry season is a key source of conflict between the pastoralists with the neighboring communities. Wealth (livestock), ethnocentrism and proliferation of illicit arms are the main causes of cattle raids in the county. These conflicts
lead to destruction of social amenities, loss of economic opportunities and lives. These have been major causes of insecurity as they normally end up in highway banditry and cattle rustling. Insecurity has been a major drawback to economic development in the county. Most of the cases of insecurity reported in the county are related to cattle rustling.

2.2.6 Poor and Inadequate Infrastructural Facilities

Kainuk shopping centre is the only area in the county connected to the national electricity grid. However, the other sub county headquarters within the county; Lokichar (Turkana South); Kakuma (Turkana West); Lokitaung (Turkana North); Lorugum (Loima); and Lokori (Turkana East), have no electricity. This has resulted in lack of business and hindered industrial endeavours being initiated in these areas.

In Lodwar town, (the district headquarters for Turkana Central and the county headquarters), electricity is generated and distributed by Kenya Power Co. diesel generators which are unreliable and prone to breakdowns besides being limited in capacity. Growth of key sectors and industries such as fish value addition and livestock processing is thus curtailed.

Additionally the condition of the road network in the county is deplorable. The main road from Kainuk to Lodwar is in a bad state coupled with poor feeder roads, the movement of people and goods is often interrupted during the rainy season. The Lodwar to Lokichoggio road which is 215 kilometres, is motorable and has bitumen although it requires some maintenance and repair.

Air transport is not well developed. There is only one airport at Lokichoggio and 22 airstrips spread across the county. Lokichoggio Airport started in the 1970’s as a small Airstrip being used by missionaries working in the remote parts of Turkana District, Northern Kenya. Later on and particularly in 1986, when the Sudanese civil war intensified there was an influx of refugees from Southern Sudan into Kenya. This required intervention from the international community in the form of provision of relief and medical supplies to the refugees through the airstrip. As these intervention increased, the airstrip was then elevated to be an airport. The other existing airstrips are not well developed.

The county has three mobile telephony companies: Safaricom, Airtel and Orange. However, their coverage is only limited to major urban centres/towns. This has greatly affected
communications, investment and security as people are forced to move to the urban centres to communicate.

Educational institutions in the county face various problems ranging from inadequate human resource, infrastructural development, and inadequate access to clean water and sanitation facilities. This has impacted negatively on the quality of education and affected both enrolment and retention of the pupils especially in primary and Early Childhood Development (ECD) schools.

The available financial institutions are concentrated within one central place – Lodwar. This leads to low savings rate, low borrowing and slow uptake of investment opportunities within the county. The compounding effect of this is slow economic growth of individuals and the county at large.

2.2.7 Inadequate Marketing System

There are few lending institutions due to unfavourable business environment which has limited access to financial services and lack of properly organized marketing. Where financial services are available, the cost of credit has been unfavorable resulting in the lack of capital to finance enterprise development. Pastoralism is the main economic activity hence livestock and livestock products are the main enterprises. Limited access to financial services has greatly affected trade, livestock and agriculture sub-sectors.

2.2.8 Livestock Diseases

The county’s residents rely mainly on pastoralism as a source of livelihood. However, the livestock sub-sector faces major challenges such as livestock diseases, which affect the county time and again. These diseases include Peste Petis Ruminants (PPR), Contagious Bovine Pleuropneumonia (CBPP), Trypanosomiasis, and Mange. The technical government staff in the county, with support from Community Animal Health Workers, implements programmes to mitigate the effects of diseases. However these interventions are challenged by inadequacy of tools, equipment and vaccines to handle the diseases adequately. This inadequate equipment includes fridges, cool boxes and vaccine carriers.

2.2.9 Low Literacy Levels
The low literacy levels of 22.2 percent in the county can be attributed to many causes which include extreme poverty, understaffing in schools and cultural practices such as early marriages. Other calamities such as drought and inter boundary conflicts also inhibit the provision of proper education resulting in low literacy and education standards.
CHAPTER THREE

DEVELOPMENT PROGRAMS AND PROJECTS
3.0 INTRODUCTION
This chapter presents a highlight of programmes as identified by different Ministerial Sector Working Groups and prioritised by the same. These programmes and sub-programmes have clear objectives with expected outcomes and measurable indicators as required by article 126 of the Public Finance Management Act of 2012.
3.1 OFFICE OF THE GOVERNOR
Goal: To provide leadership for the transformation of Turkana County.

Strategic Objectives
Enhance the county investment levels through PPP initiatives; Promote peace within the county and among neighbouring communities; To enhance proper coordination of government activities; Enhance linkages with stakeholders in both county and national government; Enhance effective and timely communication/dissemination of government policies and programs

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub Programme</th>
<th>Delivery Unit</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Administration, Planning and Support Services</td>
<td>General Administration, Planning and Support Services</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>Ability to achieve on agreed deliverables</td>
<td>Delivery of quality, effective and efficient services (Head of County PS)</td>
<td>Q1-Q4</td>
<td>300,000,000</td>
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<tr>
<td>Government Coordination</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>Number of Cabinet meetings</td>
<td>Coordinated government functions</td>
<td>Q1-Q4</td>
<td>45,000,000</td>
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</tr>
<tr>
<td>Interdepartmental coordination</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>No. of interdepartmental meetings held</td>
<td>Enhanced communication among the departments</td>
<td>Q1-Q4</td>
<td>50,000,000</td>
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<tr>
<td>Intergovernmental relations</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>The level of cooperation between the governments</td>
<td>Enhanced county and central governments relations</td>
<td>Q1-Q4</td>
<td>30,000,000</td>
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<tr>
<td>Performance Area</td>
<td>Office of the Governor</td>
<td>Location</td>
<td>Objective</td>
<td>Quality and Timeliness</td>
<td>Target Period</td>
<td>Budget</td>
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<tr>
<td><strong>Purchase of Motor Vehicles (HR/CS/Pool/Media)-5</strong></td>
<td>HQs</td>
<td>HQs</td>
<td>Number of vehicles procured</td>
<td>Quality and timely service delivery</td>
<td>Q1</td>
<td>50,000,000</td>
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</tr>
<tr>
<td><strong>Staff Capacity Building/Training</strong></td>
<td>HQs</td>
<td>HQs</td>
<td>No. of staff trained on relevant government courses</td>
<td>Highly productive staff</td>
<td>Q1-Q4</td>
<td>50,000,000</td>
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<tr>
<td><strong>County Strategy development and Support</strong></td>
<td>HQs</td>
<td>HQs</td>
<td>Reports provided</td>
<td>Provision of effective advisory services to the Governor</td>
<td>Q1-Q4</td>
<td>10,000,000</td>
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<tr>
<td><strong>Governor's Residence</strong></td>
<td>HQs</td>
<td>Lodwar</td>
<td>Governor’s residence</td>
<td>Quality and spacious accommodation</td>
<td>Q1-Q2</td>
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<tr>
<td><strong>Residence maintenance</strong></td>
<td>HQs</td>
<td>Lodwar</td>
<td>Renovation and routine maintenance</td>
<td>Keeping up to date the face of residence</td>
<td>Q1</td>
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<tr>
<td><strong>Hosting of VVIP Guests and Dignitaries</strong></td>
<td>HQs</td>
<td>Lodwar</td>
<td>Number of VIP guest hosted</td>
<td>Improved guest relation services</td>
<td>Q1-Q4</td>
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<tr>
<td><strong>Donor/Investor engagement</strong></td>
<td>HQs</td>
<td>HQs</td>
<td>Number of PPPs engaged</td>
<td>Enhanced donor engagement</td>
<td>Q1-Q4</td>
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<tr>
<td><strong>Security and Peace Building</strong></td>
<td>HQs</td>
<td>County Wide</td>
<td>Number of meetings</td>
<td>Improved security and coexistence</td>
<td>Q1-Q4</td>
<td>100,000,000</td>
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<tr>
<td>Initiative</td>
<td>Responsible Office</td>
<td>Location</td>
<td>Objective</td>
<td>Time Frame</td>
<td>Target</td>
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<tr>
<td>CPMR Cross Border Initiatives</td>
<td>Office of the Governor</td>
<td>County Borders</td>
<td>Number of meetings</td>
<td>Q1-Q4</td>
<td>100,000,000</td>
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<tr>
<td>County Policing Authority</td>
<td>Office of Governor</td>
<td>HQs</td>
<td>Number of meetings held County Policing Authority Policy Developed</td>
<td>Q1-Q4</td>
<td>100,000,000</td>
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<tr>
<td><strong>Government communication and Media relations</strong></td>
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<td>Documentation and publicity</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>% of Government documents and activities documented</td>
<td>Q1-Q4</td>
<td>40,000,000</td>
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<tr>
<td>Media advertisements and placements</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>No. of advertisements and placements</td>
<td>Q1-Q4</td>
<td>30,000,000</td>
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<tr>
<td>Establishment of Governor’s Press Unit</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>Functional Press Unit</td>
<td>Q1-Q2</td>
<td>50,000,000</td>
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<tr>
<td>Civic Education and Public Sensitization</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>No. of Civic Education and Sensitization meetings</td>
<td>Q1-Q4</td>
<td>30,000,000</td>
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<tr>
<td>Establishment of County FM radio</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>FM Radio established</td>
<td>Q1-Q2</td>
<td>35,000,000</td>
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<tr>
<td><strong>Provision of ICT Support Services</strong></td>
<td>Staff Training, ICT Strategy, and Server installation and Renovations.</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>Operational ICT unit</td>
<td>Enhanced access to and sharing of government information</td>
<td>Q1</td>
<td>75,000,000</td>
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<tr>
<td><strong>Provision of legal services</strong></td>
<td>Establishment and operationalization of the legal unit</td>
<td>Office of the Governor</td>
<td>HQs</td>
<td>Legal unit established</td>
<td>Increased ability to handle legal matters</td>
<td>Q1-Q4</td>
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<tr>
<td><strong>Research and Development</strong></td>
<td>Conducting research on pertinent areas of Governance, Economics and Development</td>
<td>Office of Government</td>
<td>HQs</td>
<td>Research conducted</td>
<td>Improved governance, development and county economy</td>
<td></td>
<td>20,000,000</td>
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<tr>
<td><strong>Office of Deputy Governor</strong></td>
<td>General Administration, Planning and Support Services</td>
<td>Office of the Deputy Governor</td>
<td>HQs</td>
<td>Ability to achieve on agreed deliverables</td>
<td>Delivery of quality, effective and efficient services (Head of County PS)</td>
<td>Q1-Q4</td>
<td>84,000,000</td>
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<tr>
<td><strong>Liaison Office</strong></td>
<td>General Administration, Planning and Support Services</td>
<td>Liaison office</td>
<td>HQs</td>
<td>Ability to achieve on agreed deliverables</td>
<td>Delivery of quality, effective and efficient services (Head of County PS)</td>
<td>Q1-Q4</td>
<td>100,000,000</td>
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<tr>
<td><strong>TOTAL</strong></td>
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</table>
3.2 FINANCE AND ECONOMIC PLANNING

Goal: To provide leadership for the transformation of Turkana County.

Strategic Objectives
Enhance the county investment levels through PPP initiatives; Promote peace within the county and among neighbouring communities; To enhance proper coordination of government activities; Enhance linkages with stakeholders in both county and national government; Enhance effective and timely communication/dissemination of government policies and programs

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
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<tbody>
<tr>
<td>General Administration, Planning and Support Services</td>
<td>Construction of office (County Executive)</td>
<td>Lodwar</td>
<td>% Level of completion of County Executive Office</td>
<td>A conducive and quality accommodation environment to enhance efficient and effective service delivery</td>
<td>Q1</td>
<td>290M</td>
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<tr>
<td></td>
<td>Refurbishment of Non-Residential Buildings</td>
<td>County Wide</td>
<td>No. of Refurbished buildings</td>
<td>Improved service delivery</td>
<td>Q1,Q2</td>
<td>50M</td>
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<td></td>
<td>Purchase of Vehicles (Elongated Land Cruiser for Planning, 3 Trucks for relief)</td>
<td>County Wide</td>
<td>No. of Motor Vehicles</td>
<td>Enhanced mobility and service delivery</td>
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<td>40M</td>
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<tr>
<td>Project Description</td>
<td>Area of Responsibility</td>
<td>Performance Indicators</td>
<td>Outputs</td>
<td>Timeframe</td>
<td>Cost</td>
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<td>Vehicle Overhaul (Former Local Authority Vehicles)</td>
<td>Lodwar</td>
<td>Proportion of vehicles restored and serviced</td>
<td>Enhanced mobility and service delivery</td>
<td>Q1, Q2</td>
<td>20M</td>
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<tr>
<td>Purchase of Office Furniture and Fittings</td>
<td>County wide</td>
<td>Proportion of offices equipped with furniture and fittings</td>
<td>Conducive working environment</td>
<td>Q1</td>
<td>20M</td>
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<tr>
<td>Purchase of Computers, Printers and other IT Equipment</td>
<td>County wide</td>
<td>Proportion of offices equipped</td>
<td>Delivery of quality, effective and efficient services</td>
<td>Q1, Q2</td>
<td>10M</td>
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<tr>
<td>Bills &amp; Policies</td>
<td>County wide</td>
<td>Number of bills enacted, Number of financial policies formulated</td>
<td>To institutionalize and legalize policy execution and service delivery</td>
<td>Q1-Q4</td>
<td>8M</td>
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<tr>
<td><strong>Revenue Collection Systems</strong></td>
<td>All Wards</td>
<td>Automation systems in place</td>
<td>Strengthened revenue collection systems</td>
<td>Q1, Q2</td>
<td>40M</td>
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<tr>
<td>Feasibility on Revenue Base</td>
<td>County wide</td>
<td>Study reports</td>
<td>Informed revenue base</td>
<td>Q1</td>
<td>3M</td>
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<td>Project Description</td>
<td>Location</td>
<td>Performance Measure</td>
<td>Performance Overview</td>
<td>Start Quarter</td>
<td>Amount</td>
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<tr>
<td>Awareness and Campaigns on Revenue at ward level.</td>
<td>All Wards</td>
<td>No. of awareness &amp; campaigns Level of awareness</td>
<td>Informed citizens through public participation</td>
<td>Q2,Q3</td>
<td>21M</td>
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<td>Motorbikes for Revenue Officers 30 No.</td>
<td>All Wards</td>
<td>Number of motorbikes bought</td>
<td>Strengthened revenue collection systems</td>
<td>Q1</td>
<td>9M</td>
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<tr>
<td>Strengthening Revenue Systems</td>
<td>All Wards</td>
<td>Percent increase in revenue collection</td>
<td>Improved service delivery and collection of A-in-A</td>
<td>Q1,Q2</td>
<td>90M</td>
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<tr>
<td>Renovation of Former WFP Compound as a revenue source</td>
<td>Lokichoggio</td>
<td>Renovated former WFP offices</td>
<td>Improved service delivery and collection of A-in-A</td>
<td>Q2-Q4</td>
<td>37M</td>
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<tr>
<td>Benchmarking and Learning experiences at Norway, Rwanda and Ghana with Budget and Appropriation Committee</td>
<td>Norway, Rwanda and Ghana</td>
<td>Benchmarking reports</td>
<td>Informed planning and budgeting processes</td>
<td>Q1-Q4</td>
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<td>Sl No</td>
<td>Sector</td>
<td>Component</td>
<td>Unit</td>
<td>Goal</td>
<td>Time Frame</td>
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<td>1</td>
<td>Accountability and Transparency</td>
<td>Lokiriama Border point revenue centre</td>
<td>Lokiriama Functional Lokiriama Border point revenue centre</td>
<td>Improved service delivery and collection of A-in-A</td>
<td>Q1-Q4</td>
<td>18M</td>
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<td>2</td>
<td>Procurement systems</td>
<td>Internal Audit</td>
<td>County wide</td>
<td>Effectiveness of expenditure systems</td>
<td>Improved internal control mechanisms</td>
<td>Q1-Q4</td>
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<td>3</td>
<td>Assets management and Valuation of County Assets</td>
<td>Internal Audit</td>
<td>County wide</td>
<td>Percentage of completed procurements</td>
<td>Improved service delivery</td>
<td>Q1-Q4</td>
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<td>4</td>
<td>IFMIS Training Expenses</td>
<td>Internal Audit</td>
<td>County wide</td>
<td>Percentage of officers trained</td>
<td>Improved financial transactions</td>
<td>Q1-Q4</td>
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<td>Social and Financial Security</td>
<td>Assurance and Insurance of Govt. Assets</td>
<td>County wide</td>
<td>Percentage of government assets insured</td>
<td>To cushion the county against losses</td>
<td>Q1-Q4</td>
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<td>6</td>
<td>Planning and Policy formulation</td>
<td>Economic Policy formulation and Dissemination</td>
<td>County wide</td>
<td>Number of policies formulated</td>
<td>Better planning through better policies</td>
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<td>Area</td>
<td>Category</td>
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<td>CIDP review and Dissemination</td>
<td>County wide</td>
<td>Number of CIDP reviews</td>
<td>An updated policy document</td>
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<td>Budget preparation and Dissemination</td>
<td>County wide</td>
<td>Budget documents</td>
<td>Improved service delivery</td>
<td>Q1-Q4</td>
<td>25M</td>
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<td>Preparation of Annual Plans and Reports (Quarterly)</td>
<td>County wide</td>
<td>Number of reports, Plans</td>
<td>Benchmarking and tracking of results</td>
<td>Q1-Q4</td>
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<td>County Budget and Economic Forum</td>
<td>Lodwar</td>
<td>Number of economic forums</td>
<td>Co-ordinated and consultative budget and planning processes</td>
<td>Q1-Q4</td>
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<td>Development coordination Programme</td>
<td>Countywide</td>
<td>Donor scan report</td>
<td>Mapped development partners</td>
<td>Q1-Q2</td>
<td>5M</td>
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<tr>
<td>Establishment of development committees (Sub County and Ward)</td>
<td>Sub-County Headquarters and Wards</td>
<td>Number of committees established</td>
<td>Devolved development planning</td>
<td>Q1-Q2</td>
<td>12M</td>
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<td>Monitoring and Evaluation</td>
<td>Training of the development committees (Sub County and Ward)</td>
<td>Sub-County Headquarters and Wards</td>
<td>Number of committees trained</td>
<td>Improved capacities of development committees</td>
<td>Q2-Q4</td>
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<td>Monitoring and Evaluation Soft wares( E-ProMIS, GIS e.t.c)</td>
<td>Lodwar</td>
<td>Percentage of reporting</td>
<td>Improved and timely reporting</td>
<td>Q1-Q4</td>
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<td>Field visits, data collection and Reporting</td>
<td>County wide</td>
<td>Quarterly reports</td>
<td>Improved and timely reporting</td>
<td>Q1-Q4</td>
<td>10M</td>
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<td>Training and Knowledge management</td>
<td>County wide</td>
<td>Percentage of officers trained</td>
<td>Improved knowledge management</td>
<td>Q1-Q4</td>
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<td>Devolved Monitoring and Evaluation Committees</td>
<td>Sub-County Headquarters and Wards</td>
<td>Percentage of monitored/ completed projects</td>
<td>Improved monitoring and evaluation</td>
<td>Q1-Q4</td>
<td>5M</td>
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<td>Indicator Development</td>
<td>Lodwar</td>
<td>Existence of indicator manual</td>
<td>Improved reporting and tracking of results</td>
<td>Q1,Q2</td>
<td>2M</td>
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<tr>
<td>Public Participation</td>
<td>Construction of County Citizen Resource Centre</td>
<td>Lodwar and Loima</td>
<td>Number of Resource centres constructed</td>
<td>Improved accessibility to information</td>
<td>Q2-Q4</td>
<td>30M</td>
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<td>and Access to Information</td>
<td>Web site Development</td>
<td>Lodwar</td>
<td>Web site Development</td>
<td>Improved accessibility to information</td>
<td>Q1</td>
<td>4M</td>
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<td>Social Budgeting and Generation of SIR Reports</td>
<td>County wide</td>
<td>Bi-annual SIR Reports</td>
<td>Improved use of public funds</td>
<td>Q1</td>
<td>7M</td>
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<td>County Statistical Unit</td>
<td>Softwares, databases and tools</td>
<td>Lodwar</td>
<td>Percentage coverage of statistical data</td>
<td>Improved data capture and reporting</td>
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<td>5M</td>
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<td>Capacity Development</td>
<td>Lodwar</td>
<td>percentage of statisticians trained</td>
<td>Increased capacity of statisticians</td>
<td>Q1,Q2</td>
<td>4M</td>
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<td>Data Collection, Surveys and Reports</td>
<td>County wide</td>
<td>Number of surveys</td>
<td>Real time data and reports</td>
<td>Q1-Q4</td>
<td>14M</td>
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<tr>
<td>Service Delivery- ISO Certification</td>
<td>Service Charter Sub-County Headquarters and Wards</td>
<td>Existence of procedure manual</td>
<td>Improved public services offered</td>
<td>Q2-Q4</td>
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<td>Development of County Filing Systems</td>
<td>County wide</td>
<td>Existence of filing system</td>
<td>Improved filing and management of information</td>
<td>Q1,Q2</td>
<td>2M</td>
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<tr>
<td>County Internship Programme</td>
<td>Procedure Manual and Training</td>
<td>County wide</td>
<td>Existence of service charter</td>
<td>Standardized procedures</td>
<td>Q1-Q4</td>
<td>5M</td>
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<tr>
<td>County Internship Programme</td>
<td>County Internship Programme</td>
<td>County wide</td>
<td>Number of interns engaged</td>
<td>Imparted technical knowledge to the youth</td>
<td>Q1-Q4</td>
<td>20M</td>
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</table>
3.3 WATER SERVICES, IRRIGATION AND AGRICULTURE

Goal: To improve livelihoods of Turkana people through provision of adequate and quality water, promotion of agribusiness, food diversification and nutrition security in a friendly environment

Strategic Objectives
Increase agricultural productivity and output; Improve on market access and product development; Enhance accessibility of affordable inputs and credit to farmers; Promote sustainable land use practices and environmental conservation; Enhance institutional efficiency and effectiveness in implementation and service delivery; Create a favourable environment for agricultural development; Increase quantity and quality of safe water

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turkana Water Programme</td>
<td>Joint planning with stakeholders</td>
<td>Lodwar Sub-County Headquarters</td>
<td>No. of joint consultative meeting held</td>
<td>Coordinated and consultative water stakeholder engagements</td>
<td>Q1</td>
<td>5M</td>
</tr>
<tr>
<td></td>
<td>Technical planning and design</td>
<td>County wide</td>
<td>No. of designs prepared and timely completion of works as per designs</td>
<td>Accurate designs and realistic work plans developed</td>
<td>Q1-Q3</td>
<td>6M</td>
</tr>
<tr>
<td>Project Description</td>
<td>Region</td>
<td>Outcome</td>
<td>Expected Impact</td>
<td>Time Frame</td>
<td>Budget</td>
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<tr>
<td>Water Permits</td>
<td>County wide</td>
<td>No. of water permits acquired for major water works</td>
<td>Timely acquisition of water permits for major water works</td>
<td>Q2</td>
<td>1M</td>
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<tr>
<td>Rehabilitation of water supplies</td>
<td>County wide</td>
<td>Reduced % in the number of non-functional water supplies</td>
<td>Rehabilitated and functional water points</td>
<td>Q1-Q3</td>
<td>20M</td>
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<tr>
<td>Construction of Water pan per ward</td>
<td>All wards</td>
<td>No. of newly constructed water pans</td>
<td>Improved access to clean and potable water</td>
<td>Q3,Q4</td>
<td>250M</td>
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<tr>
<td>Drilling and Equipping three boreholes per ward</td>
<td>All wards</td>
<td>No. of new boreholes</td>
<td>Improved access to clean and potable water</td>
<td>Q1,Q3,Q4</td>
<td>280M</td>
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<tr>
<td>Construction of piped water supplies</td>
<td>County wide</td>
<td>No. of new piped water supplies</td>
<td>Increased water supply</td>
<td>Q3,Q4</td>
<td>60M</td>
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<tr>
<td>Upgrading of motorized water system to solar</td>
<td>County wide</td>
<td>No. of newly established and functional solar system</td>
<td>Powered and reliable water supply</td>
<td>Q2,Q3</td>
<td>10M</td>
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<tr>
<td>Activity Description</td>
<td>Location</td>
<td>Activity Details</td>
<td>Benefit</td>
<td>Timing</td>
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<tr>
<td>Purchase of two water Browsers</td>
<td>Lodwar</td>
<td>No of purchased water Bowsers</td>
<td>Boost supply of water</td>
<td>Q1</td>
<td>16M</td>
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<tr>
<td>Drought water related stress mitigation</td>
<td>Countywide</td>
<td>Effectiveness and efficiency of drought contingency plan</td>
<td>Effective and rapid response to drought water stress</td>
<td>Q1,Q2,Q3</td>
<td>4M</td>
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<tr>
<td>Construction of sewerage systems</td>
<td>Lodwar</td>
<td>Completed Lodwar town sewerage design and plan</td>
<td>Provision of Lodwar town sewerage system</td>
<td>Q2</td>
<td>5M</td>
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<tr>
<td>Purchase of stand-by genset</td>
<td>Countywide</td>
<td>No. of newly installed stand-by gensets</td>
<td>Installation of stand-by gensets</td>
<td>Q2</td>
<td>1.5M</td>
<td></td>
</tr>
<tr>
<td>Training of water users association &amp; water services providers</td>
<td>Countywide</td>
<td>Improved management of water supplies/points</td>
<td>Capacity building of water users’ association and water services providers</td>
<td>Q1-Q4</td>
<td>5M</td>
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<tr>
<td>Irrigation and Schemes Development Programme</td>
<td>Countywide</td>
<td>No. of completed studies</td>
<td>To provide water efficient irrigation systems</td>
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<td>5M</td>
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<tr>
<td>Project Description</td>
<td>Location</td>
<td>Activity Details</td>
<td>Outcome</td>
<td>Phase</td>
<td>Budget</td>
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<tr>
<td>Construction of 2 new dry land irrigation schemes</td>
<td>Nadung’a Lotikippi, Functional irrigation schemes</td>
<td>Increased food production, Improved food security</td>
<td>Q3, Q4</td>
<td>80M</td>
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<tr>
<td>Expansion of 5 existing irrigation schemes</td>
<td>Lokubae, Katilu, Turkwel, Naoros, Elelea</td>
<td>Functional irrigation schemes</td>
<td>Increased food production, Improved food security</td>
<td>Q3, Q4</td>
<td>50M</td>
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<tr>
<td>Rehabilitation of 5 existing irrigation schemes</td>
<td>Nanyee, Kolioroo, Kakwenyang, Namoruu, Morulem</td>
<td>Functional irrigation schemes</td>
<td>Improved agricultural productivity</td>
<td>Q3, Q4</td>
<td>25M</td>
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<tr>
<td>Construction of model drip irrigation systems</td>
<td>Napuu Turkwel</td>
<td>Functional model drip irrigation systems</td>
<td>Informed knowledge on modern agriculture</td>
<td>Q1-Q4</td>
<td>20M</td>
<td></td>
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<tr>
<td>Construction Food Reserve Stores</td>
<td>County wide</td>
<td></td>
<td>Informed knowledge on modern agriculture</td>
<td>Q3, Q4</td>
<td>20M</td>
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<tr>
<td>Turkana Agriculture Programme</td>
<td>Farmers training, County wide</td>
<td>No. of trained and practising farmers</td>
<td>Increased agricultural output</td>
<td>Q1-Q4</td>
<td>1.2M</td>
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<tr>
<td>Establishment of farm demonstrations and trials</td>
<td>County wide</td>
<td>No. of demonstration farms and successful trial crops ready for scaling up</td>
<td>Improved plant breeds</td>
<td>Q3,Q4</td>
<td>900M</td>
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<tr>
<td>Organising field days show and exhibitions</td>
<td>County wide</td>
<td>No. of successful field days and exhibitions</td>
<td>Knowledge and information transfer</td>
<td>Q2,Q4</td>
<td>1.5M</td>
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<tr>
<td>Construction of strategic warehouse and stores</td>
<td>Sub-county Headquarters</td>
<td>Amount of harvested food crop properly stored in the warehouse</td>
<td>Provision of strategic warehouse and stores</td>
<td>Q3,Q4</td>
<td>7M</td>
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<tr>
<td>Seminars and workshops</td>
<td>County wide</td>
<td>No. of farmers who are practising good agronomy.</td>
<td>Increased competencies and capacity of farmers</td>
<td>Q3,Q4</td>
<td>1.2M</td>
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<tr>
<td>Promotion of drought tolerant crops</td>
<td>County wide</td>
<td>% increase in farmers harvest as result of adoption of drought crops</td>
<td>Increase in the adoption of drought tolerant crops</td>
<td>Q1-Q4</td>
<td>3M</td>
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<tr>
<td>Description</td>
<td>Scope</td>
<td>Outcome Description</td>
<td>Time Period</td>
<td>Budget</td>
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<tr>
<td>Promotion of shade net, greenhouse technology &amp; drip kits</td>
<td>County wide</td>
<td>% increase in crop harvest as a result of use of shade nets, greenhouse and drip kits</td>
<td>Improved food security</td>
<td>Q1,Q2</td>
<td>19M</td>
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<tr>
<td>Purchase of seeds and planting materials</td>
<td>County wide</td>
<td>% increase in crop harvest as a result of use of certified seeds and planting materials</td>
<td>Provision of certified seeds and planting materials</td>
<td>Q1,Q3</td>
<td>20M</td>
<td></td>
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<tr>
<td>Purchase of farm tools and equipment</td>
<td>County wide</td>
<td>% increase in in farm produce as a result of use of appropriate farm tools and equipment</td>
<td>Provision of farm tools and equipment</td>
<td>Q1-Q3</td>
<td>10M</td>
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<tr>
<td>Purchase of pesticides, spraying equipment and safety gear</td>
<td>County wide</td>
<td>% reduction in loss of crop harvest as a result of use of pesticides</td>
<td>Provision of pesticides, spraying equipment and safety gears</td>
<td>Q1-Q4</td>
<td>5M</td>
<td></td>
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<tr>
<td>Turkana Rehabilitation Programme</td>
<td>Purchase of motor cycles</td>
<td>Lodwar</td>
<td>No. of Purchased motor cycles</td>
<td>Improved mobility and extension services</td>
<td>Q1</td>
<td>1.2M</td>
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<tr>
<td>Construction of trapezoidal bunds, contours &amp; micro catchment</td>
<td>No. of community built trapezoidal bunds, contours and micro catchment</td>
<td>Improved water harvesting</td>
<td>Q1</td>
<td>1M</td>
<td></td>
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<tr>
<td>Construction of rock catchments</td>
<td>No. of constructed rock catchments and sand dams</td>
<td>Increased accessibility of water</td>
<td>Q2,Q3</td>
<td>16M</td>
<td></td>
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<tr>
<td>Construction of Sand Dams</td>
<td>No. of sunk shallow wells and dams</td>
<td>Increased accessibility of water</td>
<td>Q2,Q3</td>
<td>6M</td>
<td></td>
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<tr>
<td>Pasture reseeding</td>
<td>Ha. of land under pasture</td>
<td>Improved animal health and productivity</td>
<td>Q2</td>
<td>7M</td>
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</table>
3.4 HEALTH AND SANITATION

**Goal:** To deliberately build progressive, responsive and sustainable technologically-driven, evidence-based and client-centered health system for accelerated attainment of highest standard of health to all Turkana residents.

**Strategic Objectives**

Eliminate communicable conditions; Halt, and reverse the rising burden of non-communicable conditions; Reduce the burden of violence and injuries; Provide essential health care; Minimize exposure to health risk factors; Strengthen collaboration with health related sectors.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health facilities upgrading, renovations and maintenance</td>
<td>Construction of Inpatient blocks, equipment, fencing, gate, surveying, power connectivity, water, toilets, staff quarters, incinerator</td>
<td>County wide</td>
<td>% of funds utilized in health infrastructure</td>
<td>To improve health infrastructure</td>
<td>Q1-Q4</td>
<td>210M</td>
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<tr>
<td>Project Description</td>
<td>Location</td>
<td>% of funds utilized in improving health infrastructure</td>
<td>Objective</td>
<td>Budget</td>
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<tr>
<td>Lodwar County Hospital upgrading</td>
<td>Lodwar</td>
<td>% of funds utilized in improving LDH health infrastructure</td>
<td>To improve LDH health infrastructure</td>
<td>170M</td>
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<tr>
<td>Lorugum, Elelea, Lokichar, Lokitaung and Lopiding upgrading</td>
<td>Lorugum</td>
<td>% of funds utilized in improving health infrastructure</td>
<td>To improve health infrastructure</td>
<td>100M</td>
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<tr>
<td>Construction and equipping 2 dispensaries per ward</td>
<td>All wards</td>
<td>No. of dispensaries constructed per ward</td>
<td>Improved accessibility of health services</td>
<td>484M</td>
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<tr>
<td>Health Utility Vehicles Improvement Programme</td>
<td>Utility vehicles(2) Motorcycles (15) Bicycles (100) for CHW's</td>
<td>County wide</td>
<td>No. procured</td>
<td>To Improve the medical transport system</td>
<td>12M 4.5M 1.5M</td>
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<tr>
<td>Communication gadgets for ambulances</td>
<td>Sub-Counties</td>
<td>No. ambulances fitted</td>
<td>Enhanced communication for health response</td>
<td>2M</td>
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<tr>
<td>Purchase of Lorry</td>
<td>Lodwar</td>
<td>Lorry procured</td>
<td>To Improve the medical transport system</td>
<td>8M</td>
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<td>Provision of office space</td>
<td>Construction of County health administrative office block</td>
<td>Lodwar</td>
<td>Office in place</td>
<td>Effective service delivery and administrative work</td>
<td>39.8M</td>
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<td>County Health Supply System</td>
<td>Construction of a central commodity store/warehouse</td>
<td>Lodwar</td>
<td>Central warehouse in place</td>
<td>To maintain health infrastructure</td>
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<td>Sub-Counties Public Communication Programme</td>
<td>Purchase of public address systems for sub-counties</td>
<td>Sub-counties</td>
<td>Public address systems purchased</td>
<td>Effective and timely communication</td>
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<td>Support to Health Programs</td>
<td>HMIS support including printing of tools</td>
<td>County wide</td>
<td>% of facilities submitting timely, complete and accurate information</td>
<td>Strengthened health, nutrition and wash surveillance, monitoring and evaluation systems</td>
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<tr>
<td>HIV &amp; AIDS including community based HIV interventions</td>
<td>County wide</td>
<td>% of population undergoing HIV test and cancelling % of HIV exposed infants tested at 6 weeks</td>
<td>Prevention of HIV and STI infections</td>
<td>15.4M</td>
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<td>Disease</td>
<td>County</td>
<td>Outcome Measure</td>
<td>Goal</td>
<td>Budget</td>
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<tr>
<td>TB &amp; Leprosy</td>
<td>County</td>
<td>TB cure rate&lt;br&gt;No. of TB and Leprosy patients screened and undergoing treatment</td>
<td>Reduced TB and Leprosy prevalence&lt;br&gt;Provide quality services to improve quality of life</td>
<td>10M</td>
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<tr>
<td>Malaria</td>
<td>County</td>
<td>% Decrease in morbidity and mortality rates of malaria related illnesses</td>
<td>Reduced malaria the spread of malaria, morbidity and mortality</td>
<td>8M</td>
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<tr>
<td>NTDs(neglected tropical diseases)</td>
<td>County</td>
<td>% Decrease in prevalence and mortality of NTDs and related illnesses</td>
<td>Reduce prevalence and mortality of NTDs</td>
<td>5M</td>
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<tr>
<td>Nutrition</td>
<td>County</td>
<td>GAM rates</td>
<td>Provision High Impact Nutrition Interventions</td>
<td>15M</td>
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<td>Reproductive health</td>
<td>County</td>
<td>Percentage reduction in maternal mortalities and</td>
<td>Improve reproductive health of the populace</td>
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<tr>
<td>Disease surveillance</td>
<td>County wide</td>
<td>Disease surveillance Reports</td>
<td>To ensure monitoring of threats and diseases and to plan and respond to outbreaks</td>
<td>5M</td>
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<tr>
<td>EPI/outreaches</td>
<td>County wide</td>
<td>% of population immunized</td>
<td>Reduced morbidity, diseases and increased hard immunity</td>
<td>10M</td>
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<td>Community strategy</td>
<td>County wide</td>
<td>Monthly reports, No. of community dialogue days</td>
<td>Increased health involvement of community in order to provide real time information</td>
<td>10M</td>
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<td>Health promotion</td>
<td>County wide</td>
<td>Proportion of proportion aware of key health messages</td>
<td>Population reached with key health messages</td>
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<tr>
<td>Environmental health services</td>
<td>County wide</td>
<td>No. of Environmental Health Reports</td>
<td>Provision of quality environmental health services</td>
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<tr>
<td>Emergency preparedness &amp; disaster response</td>
<td>County wide</td>
<td>Amount of funds allocated</td>
<td>Improved Disaster Management</td>
<td>20M</td>
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<tr>
<td>Services/Programme</td>
<td>Area of Service</td>
<td>Measurable Output/Outcome</td>
<td>Amount</td>
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<td>Laboratory supplies and support</td>
<td>County wide</td>
<td>% of funds absorbed in purchasing lab supplies</td>
<td>20M</td>
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<td></td>
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<td>Provision of lab equipment and reagents</td>
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<tr>
<td>Rehabilitation and disability mainstreaming</td>
<td>County wide</td>
<td>No. of people supported</td>
<td>4M</td>
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<td>Rehabilitated people living with disability</td>
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<td>Mental health</td>
<td>County wide</td>
<td>No. of people enrolled in Programme</td>
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<td></td>
<td></td>
<td>Management and containment of people with mental illness and early detection</td>
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<td>Alcoholism and drug abuse management</td>
<td>County wide</td>
<td>Amount of funds allocated for the programme</td>
<td>5M</td>
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<td></td>
<td></td>
<td>Reduced effects of alcoholism and drug abuse</td>
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<td>Dental Care</td>
<td>County wide</td>
<td>Proportion of people with dental problems accessing dental care.</td>
<td>5M</td>
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<td></td>
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<td>Improved dental health in the county</td>
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3.5 TRADE, TOURISM AND INDUSTRIALIZATION

**Goal:**

**Strategic Objectives**
To improve socio-economic living standards of the people of Turkana County; To attract, retain and continuously increase the number of tourists visiting Turkana County’s tourist and cultural attraction sites; To enhance the socio-economic growth, development and general emancipation of the Turkana people; To enhance capacity building of traders and businesses through...
provision of business development and training services; To gather, collate and consolidate business opportunities and information intelligence across the county and make this easily available to potential investors; To increase the number of public private partnership in establishing industrial projects and concerns to spur greater economic growth and development across the county.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMEs and Economic Empowerment Programme</td>
<td>SMEs Credit Scheme at ward level</td>
<td>All Wards</td>
<td>Number and scale of loans accessed</td>
<td>Shorter Loan Processing cycle</td>
<td></td>
<td>60M</td>
</tr>
<tr>
<td></td>
<td>Capacity Building Workshops</td>
<td>Sub-Counties</td>
<td>Number of business people trained;</td>
<td>An informed business community</td>
<td></td>
<td>7M</td>
</tr>
<tr>
<td>Cooperative Societies Development &amp; Performance Improvement Programme</td>
<td>Cooperatives Development Fund</td>
<td>County wide</td>
<td>Number of cooperative societies accessing funds</td>
<td>More cooperative societies accessing funds</td>
<td></td>
<td>30M</td>
</tr>
<tr>
<td></td>
<td>Value Addition Initiatives</td>
<td>County wide</td>
<td>Types of high value products produced/ Number of high value products</td>
<td>Improved quality of products/High value products</td>
<td></td>
<td>5M</td>
</tr>
<tr>
<td><strong>Business Development and Training Services</strong></td>
<td>County wide</td>
<td>Number of successful businesses</td>
<td>Increased successful businesses</td>
<td>5M</td>
<td></td>
<td></td>
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<tr>
<td><strong>Modern Physical Markets Infrastructure</strong></td>
<td>County wide</td>
<td>Number of Sub Counties with Modern Markets</td>
<td>Improved marketing and awareness</td>
<td>80M</td>
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<tr>
<td><strong>Turkana Business Marketing Programme</strong></td>
<td>County wide</td>
<td>Construction completion reports, handover</td>
<td>Increased investment ventures</td>
<td>31M</td>
<td></td>
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<tr>
<td><strong>Trade Fairs and Exhibitions</strong></td>
<td>Lodwar</td>
<td>Number of Trade Fairs and Exhibitions held</td>
<td>Improved marketing and awareness</td>
<td>9M</td>
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<tr>
<td><strong>Media and Publicity Campaigns</strong></td>
<td>County wide</td>
<td>Number and types of promotional</td>
<td>Informed public on trading activities</td>
<td>5M</td>
<td></td>
<td></td>
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<tr>
<td>Category</td>
<td>Programme</td>
<td>Geographical Scope</td>
<td>Key Indicators</td>
<td>Results</td>
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<tr>
<td>Investment Forums</td>
<td>Sub-Counties</td>
<td>Number of Investment Forums</td>
<td>Informed investment community</td>
<td>10M</td>
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<tr>
<td><strong>Tourism and Cultural Products Development Programme.</strong></td>
<td>Turkwood Films Project</td>
<td>County wide</td>
<td>No. of MOUs signed with partners in film industry</td>
<td>Turkana marketed as a film industry destination</td>
<td>1.2M</td>
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<tr>
<td></td>
<td>Tourist Attractions Mapping &amp; Development</td>
<td>County wide</td>
<td>Number of films produced No. of tourists</td>
<td>Increased earnings from tourism</td>
<td>7M</td>
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<tr>
<td></td>
<td>Home of Mankind Safaris</td>
<td>County wide</td>
<td>Number of tourist arrivals</td>
<td>Increased earnings from tourism</td>
<td>10M</td>
<td></td>
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<tr>
<td></td>
<td>Eco -Tourist Hotels</td>
<td>Kainuk Kataboi</td>
<td>Number of bed occupancy</td>
<td>Increased earnings from tourism</td>
<td>140M</td>
<td></td>
</tr>
<tr>
<td><strong>Advisory and Licensing</strong></td>
<td>Sectoral Advisory Councils</td>
<td>County wide</td>
<td>No. of stakeholder forums public education initiatives</td>
<td>Increased number of businesses licensed</td>
<td>0.75M</td>
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<tr>
<td>Alcoholic Licensing Directorate Funding</td>
<td>County wide</td>
<td>No. businesses licensed</td>
<td>Enhanced licensing of businesses</td>
<td>5M</td>
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</tr>
</tbody>
</table>

### 3.6 EDUCATION
Goal: To provide, promote and coordinate quality education, through responsive policies and strategies for sustained and balanced socio-cultural, economic development and empowerment of vulnerable and marginalised groups in the county.

**Strategic Objectives**
Create an enabling environment and enhance institutional efficiency and effectiveness for education, human resource, culture and social development; Increase access to education at all levels; Enhance efficiency and effectiveness in service delivery; Enhance social protection development; Promote cultural values and initiatives

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access to Education for All</td>
<td>Equipping and Furnishing Existing ECDE centers</td>
<td>County wide</td>
<td>Number of ECDEs furnished</td>
<td>Child friendly learning environment</td>
<td>Q1,Q2</td>
<td>28M</td>
</tr>
<tr>
<td></td>
<td>Constructing and equipping 2 ECD centres per ward</td>
<td>County wide</td>
<td>Number of ECDEs centers constructed, Number of pupils attending ECDE</td>
<td>Increased enrolments in ECDEs</td>
<td>Q1,Q2</td>
<td>360M</td>
</tr>
<tr>
<td></td>
<td>Renovation and Refurbishing County DICECE College</td>
<td>County wide</td>
<td>Number of structures/facilities improved</td>
<td>Improved infrastructural developments</td>
<td>Q1,Q2</td>
<td>5M</td>
</tr>
<tr>
<td>Activity</td>
<td>Location</td>
<td>Description</td>
<td>Timeline</td>
<td>Budget</td>
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<tr>
<td>Preliminary works for establishment of a public university in Turkana County</td>
<td>Lodwar</td>
<td>PDP, Structures built</td>
<td>Q1, Q2</td>
<td>52.5M</td>
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<tr>
<td>Infrastructural development</td>
<td></td>
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<tr>
<td>Provision of Educational, Instructional and Learning materials</td>
<td>County wide</td>
<td>Number of educational and instructional materials provided</td>
<td>Q3, Q4</td>
<td>5M</td>
<td></td>
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<tr>
<td>Availability of educational materials</td>
<td></td>
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<tr>
<td>ECD Feeding Programme in all wards</td>
<td>County wide</td>
<td>Percentage of ECD centers with food</td>
<td>Q1-Q4</td>
<td>30M</td>
<td></td>
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<tr>
<td>Availability of food in ECD</td>
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<tr>
<td>Refurbishing and Equipping Village Polytechnics</td>
<td>Kaaleng, Lokori, Kakuma, Kalokol Loyopo</td>
<td>Number of institutions rehabilitated and equipped</td>
<td>Q1, Q2</td>
<td>55M</td>
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<tr>
<td>Improved infrastructures</td>
<td></td>
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<tr>
<td>Establishment of youth polytechnics</td>
<td>Lrugum, Kataboi and Lokichar</td>
<td>Number of students attending vocational trainings;</td>
<td>Q3, Q4</td>
<td>36M</td>
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<tr>
<td>Increased enrolments in vocational training</td>
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<tr>
<td>Fund/Program</td>
<td>Location</td>
<td>Indicator/Output</td>
<td>Outcome/Impact</td>
<td>Timeframe</td>
<td>Amount</td>
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<tr>
<td>Turkana Education and Skill Development Fund</td>
<td>County wide</td>
<td>Modules/courses offered</td>
<td>Increased completion and transition rates</td>
<td>Q1,Q2,Q4</td>
<td>342.6M</td>
<td></td>
</tr>
<tr>
<td>Human Resource Development.</td>
<td>Lodwar</td>
<td>Number of staff trained</td>
<td>Improved service delivery and human development</td>
<td>Q1-Q4</td>
<td>2M</td>
<td></td>
</tr>
<tr>
<td>Economic empowerment and provision of assistive devices to persons with disabilities (PWDS) in All wards</td>
<td>All wards</td>
<td>Number of PWDS funded/trained;</td>
<td>Empowered PWDS</td>
<td>Q1-Q4</td>
<td>41M</td>
<td></td>
</tr>
<tr>
<td>Social protection programs/ Affirmative Action</td>
<td>Lodwar</td>
<td>Number of PWDS with assistive devices</td>
<td>Infrastructural development of the resource center</td>
<td>Q1,Q2</td>
<td>10M</td>
<td></td>
</tr>
<tr>
<td>Construction of PWDS multi-purpose resource center</td>
<td>All wards</td>
<td>PDP, Site Plan, Structures</td>
<td>Socio Economic empowerment of women and youths</td>
<td>Q1-Q4</td>
<td>220M</td>
<td></td>
</tr>
<tr>
<td>Programme</td>
<td>Region</td>
<td>Indicator</td>
<td>Outcome</td>
<td>Timeframe</td>
<td>Value</td>
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<tr>
<td>Campaign against Early child Marriages</td>
<td>County wide</td>
<td>Number of youths/women trained;</td>
<td>Reduced number of Early Marriages</td>
<td>Q1-Q4</td>
<td>5M</td>
<td></td>
</tr>
<tr>
<td>Sexual and Gender Based Violence Programme</td>
<td>County wide</td>
<td>Number of youths/women facilitated to access market for their products;</td>
<td>Reduced cases of Sexual and Gender Based Violence</td>
<td>Q1-Q4</td>
<td>3M</td>
<td></td>
</tr>
<tr>
<td>Sports and arts programme</td>
<td>Sports(Athletics, Football, Other disciplines)</td>
<td>County wide</td>
<td>Percentage of stadia completed</td>
<td>Talent development and sporting activities</td>
<td>Q1,Q2</td>
<td>12M</td>
</tr>
<tr>
<td>Construction of sport Stadia</td>
<td>Lodwar</td>
<td>Number of sporting activities</td>
<td>Talent development and sporting activities</td>
<td>Q1,Q2</td>
<td>31.6M</td>
<td></td>
</tr>
<tr>
<td>Support to Extra-Curriculum Activities(Dramas and Music)</td>
<td>County Wide</td>
<td>Number of festivals</td>
<td>Talent development and sporting activities</td>
<td>Q1,Q2</td>
<td>5M</td>
<td></td>
</tr>
</tbody>
</table>
### 3.7 PUBLIC SERVICE, DECENTRALISED ADMINISTRATION AND DISASTER MANAGEMENT

**Goal:** Establish structures that provide conducive and inclusive environment for high productive workforce, convenient workplaces as well as cross sector systems for preparedness, prevention and response to disaster emergencies.

<table>
<thead>
<tr>
<th>Cultural values /initiatives</th>
<th>Support to Annual Cultural Festivals and initiatives</th>
<th>Lodwar</th>
<th>Number of cultural sites and monuments marked/identified</th>
<th>Preservation and appreciation to culture</th>
<th>Q1</th>
<th>9.8M</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Construction of Library and Archives</td>
<td>Lodwar</td>
<td>Number of libraries and archives constructed and equipped</td>
<td>Enhanced access to information</td>
<td>Q1,Q2</td>
<td>20M</td>
</tr>
<tr>
<td>Establishment of Cultural Centers</td>
<td>Lokirama, Moruanayeche</td>
<td>Number of Museums and community cultural centers initiated</td>
<td>Museums and community cultural centres initiative</td>
<td>Q1,Q2</td>
<td>10M</td>
<td></td>
</tr>
</tbody>
</table>
**Strategic Objectives**
Create enabling environment and enhance institutional efficiency and effectiveness for Public Service and Disaster Management;
Ensure adequate and equal opportunities in appointment, training and advancement at all levels of public service;
Ensure effective devolution and decentralization of powers, functions and resources;
Promote active involvement of the people in the process of policy and decision making;
Promote disaster risk reduction;
Enhance service delivery and track performance.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity Development</strong></td>
<td>Capacity Development</td>
<td>County Wide</td>
<td>Percentage of staff trained</td>
<td>Ensure adequate and equal opportunities in appointment, training and advancement at all levels of public service.</td>
<td>Q1,Q2</td>
<td>10M</td>
</tr>
<tr>
<td></td>
<td>Construction of sub-county and Ward Administration offices</td>
<td>County Wide</td>
<td>No. offices constructed</td>
<td>Ensure adequate and equal opportunities in appointment, training and advancement at all levels of public service.</td>
<td>Q1</td>
<td>100M</td>
</tr>
<tr>
<td>Personnel need survey.</td>
<td>County Wide</td>
<td>No. of Motor Vehicles</td>
<td>Enhanced mobility and service delivery</td>
<td>Q1,Q2,Q3</td>
<td>4M</td>
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<tr>
<td><strong>Decentralized Units Policy</strong></td>
<td>Decentralized County Policy</td>
<td>County Wide</td>
<td>Policy document</td>
<td>Ensure effective devolution and decentralization of powers, functions and resources.</td>
<td>Q1,Q2</td>
<td>6M</td>
</tr>
<tr>
<td>Policy sensitization and dissemination</td>
<td>County wide</td>
<td>Level of awareness</td>
<td>Ensure effective devolution and decentralization of powers, functions and resources.</td>
<td>Q2,Q3</td>
<td>10M</td>
<td></td>
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<tr>
<td>Public participation and access to information</td>
<td>County Wide</td>
<td>Level of public engagement awareness</td>
<td>Ensure effective devolution and decentralization of powers, functions and resources.</td>
<td>Q1-Q4</td>
<td>6M</td>
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<tr>
<td><strong>Mainstream Public Sector Integrity programme, Accountability and anti-corruption strategies</strong></td>
<td>Mainstream Public Sector Integrity programme, Accountability and anti-corruption strategies</td>
<td>County Wide</td>
<td>Plans with integrity programme incorporated</td>
<td>Promote accountability and service delivery</td>
<td>Q1-Q4</td>
<td>5M</td>
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<tr>
<td><strong>Disaster Risk Reduction</strong></td>
<td>Turkana County Drought and Disaster Contingency Fund (CDDCF)</td>
<td>County wide</td>
<td>Amount allocated to CDDCF</td>
<td>Promote disaster risk reduction</td>
<td>Q1-Q4</td>
<td>188M</td>
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<tr>
<td>Turkana Multi hazard/Risk Assessment and stake holder capacity mapping</td>
<td>County wide</td>
<td>Reports</td>
<td>Promote disaster risk reduction</td>
<td>Q1-Q2</td>
<td>5M</td>
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<tr>
<td>Regular Assessments of Food, floods, and conflict</td>
<td>County wide</td>
<td>Assessment reports</td>
<td>Promote disaster risk reduction</td>
<td>Q1-Q3</td>
<td>10M</td>
<td></td>
</tr>
<tr>
<td>Turkana County Relief Programme</td>
<td>County wide</td>
<td>% of vulnerable</td>
<td>Promote disaster risk reduction</td>
<td>Q1-Q4</td>
<td>357M</td>
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<tr>
<td>Human resource</td>
<td>Scheme of service</td>
<td>County wide</td>
<td>Existence of personnel scheme of service</td>
<td>Enhance service delivery and track performance</td>
<td>Q1-Q4</td>
<td>5M</td>
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<tr>
<td>Turkana Cash Transfer Programme at ward level</td>
<td>County wide</td>
<td>No. of Households assisted</td>
<td>Promote disaster risk reduction</td>
<td>Q1-Q4</td>
<td>150M</td>
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<tr>
<td>Performance Appraisal</td>
<td>County Wide</td>
<td>Filled PAS forms</td>
<td>Enhance service delivery and track performance</td>
<td>Q4</td>
<td>20M</td>
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</tr>
</tbody>
</table>
### 3.8 TRANSPORT, ROADS, HOUSING AND PUBLIC WORKS

**Goal:** To facilitate provision, construction and maintenance of quality infrastructure, government buildings & housing and other public works for sustainable socio-economic development

**Strategic Objectives**
Create enabling environment and institutional efficiency and effectiveness; Facilitate adequate provision of cost effective infrastructure, government buildings & housing and other public works; Develop and maintain infrastructural, building and housing facilities and other public works for government operations and general public service; Develop and maintain technical and quality audit for infrastructure, housing, buildings and other public works in the public sector

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop and maintain roads</td>
<td>Tarmac Lodwar town roads</td>
<td>Lodwar</td>
<td>Km road network tarmacked</td>
<td>An efficient and effective road transport network for social economic development</td>
<td>Q1-Q4</td>
<td>300M</td>
</tr>
<tr>
<td></td>
<td>Gravel rural roads</td>
<td>County wide</td>
<td>Km road network gravelled</td>
<td>An efficient and effective road transport network for social economic development</td>
<td>Q1-Q4</td>
<td>380M</td>
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<tr>
<td>Description</td>
<td>Details</td>
<td>Timeline</td>
<td>Budget</td>
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<tr>
<td>Gravelling of two class D roads (Makutano-Lokitaung and Lokori-Kapedo)</td>
<td>Makutano-Lokitaung, Lokori-Kapelbok, Km road network gravelled</td>
<td>Q1-Q4</td>
<td>100M</td>
<td></td>
<td></td>
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<tr>
<td>Construction of Nawoyaregae/Kapelbok bridge (Flagship)</td>
<td>Nawoyaregae/Kapelbok, Bridge, Connectivity between Kapelbok and Nawoyaregae</td>
<td>Q1-Q4</td>
<td>100M</td>
<td></td>
<td></td>
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<tr>
<td>Develop and maintain staff housing and public offices</td>
<td>Construction and Renovation of County Departmental Offices, County wide, No. offices renovated</td>
<td>Q1-Q4</td>
<td>29M</td>
<td></td>
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<tr>
<td>Development and Maintenance of Preliminary works for Lodwar International Airport</td>
<td>Lodwar, Feasibility studies and design works, Enhanced capacity and quality transport and infrastructural services</td>
<td>Q1-Q4</td>
<td>50M</td>
<td></td>
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<tr>
<td><strong>Other Public Works</strong></td>
<td><strong>Phase 1 Works for Lodwar Storm water drainage</strong></td>
<td>Lodwar</td>
<td>Feasibility studies and design works</td>
<td>Improve the drainage system of the county headquarters</td>
<td>Q1-Q3</td>
<td>20M</td>
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<tr>
<td><strong>Construct &amp; Equip mechanical garage</strong></td>
<td>Lodwar</td>
<td>No. of plant/machinery maintained in-house vs those referred externally</td>
<td>Reduced cost of maintenance of plant and machinery</td>
<td>Q1-Q4</td>
<td>30M</td>
<td></td>
</tr>
<tr>
<td><strong>Purchase fire engine</strong></td>
<td>Lodwar</td>
<td>No. of fire outbreaks managed</td>
<td>Ensure that fire outbreaks are dealt with appropriately</td>
<td>Q1</td>
<td>15M</td>
<td></td>
</tr>
<tr>
<td><strong>Purchase graders and rollers</strong></td>
<td>County wide</td>
<td>Income generated and actual demand of plant and equipment</td>
<td>Enhanced access to affordable plant and equipment</td>
<td>Q1</td>
<td>38M</td>
<td></td>
</tr>
<tr>
<td><strong>Capacity Building of the Public Sector</strong></td>
<td>Train BodaBoda riders/Capacity Building and</td>
<td>County wide</td>
<td>No. of riders trained</td>
<td>Enhanced efficiency and effective service provision in the public sector</td>
<td>Q1-Q3</td>
<td>5M</td>
</tr>
</tbody>
</table>
3.9 PASTORAL ECONOMY AND FISHERIES

Goal: To improve livelihoods of the people through promotion of competitive, innovative and sustainable livestock and fisheries development and management.

Strategic Objectives:
Create enabling environment and enhance institutional efficiency and effectiveness for livestock and fisheries development; Facilitate access to markets; Increase fish and livestock production and productivity; Safeguarding Human Health.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>formation of county transport association</td>
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<tr>
<td>Fisheries Production and Development</td>
<td>Revival of Turkana Fishermen Co-op. society</td>
<td>Kalokol</td>
<td>Tones of fish sold</td>
<td>Developed Fisheries sector</td>
<td>26M</td>
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<tr>
<td>Frame survey</td>
<td>County wide</td>
<td>Frame survey reports</td>
<td>Developed Fisheries sector</td>
<td>5M</td>
<td></td>
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</tr>
<tr>
<td>Demarcation of fish breeding areas</td>
<td>Lake Turkana</td>
<td>Percentage of breeding zones demarcated</td>
<td>Developed Fisheries sector</td>
<td>5M</td>
<td></td>
<td></td>
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<tr>
<td>Rescue units/BMUs infrastructure and Empowerment</td>
<td>Lake Region</td>
<td>Number of rescue units established</td>
<td>Developed Fisheries sector</td>
<td>25M</td>
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<tr>
<td>Fisheries market infrastructure/fish value addition</td>
<td>Kalokol</td>
<td>No. of market infrastructures established</td>
<td>Increase revenues from the fisheries sector</td>
<td>20M</td>
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<tr>
<td>Fisheries livelihood Development support</td>
<td>Kalokol</td>
<td>Amount of funds allocated</td>
<td>Developed Fisheries sector</td>
<td>51M</td>
<td></td>
<td></td>
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<tr>
<td>Product</td>
<td>Region</td>
<td>Indicator</td>
<td>Developed Fisheries sector</td>
<td>Cost</td>
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<tr>
<td>Resource monitoring facilities</td>
<td>County wide</td>
<td>Number of facilities established</td>
<td>Developed Fisheries sector</td>
<td>6M</td>
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<tr>
<td>Fish Stock Assessment</td>
<td>Kalokol</td>
<td>Stock assessment reports</td>
<td>Developed Fisheries sector</td>
<td>5M</td>
<td></td>
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<tr>
<td>Preliminaries for Lake Turkana Management Authority</td>
<td>Lake Region</td>
<td>Preliminary report</td>
<td>Developed Fisheries sector</td>
<td>15M</td>
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<tr>
<td>Establish fish hatcheries</td>
<td>Lake Zone</td>
<td>No. of functional hatcheries</td>
<td>Developed Fisheries sector</td>
<td>10M</td>
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<tr>
<td><strong>Livestock production and Development</strong></td>
<td>County Wide</td>
<td>No of strategic feed reserves established</td>
<td>Developed livestock sector</td>
<td>30M</td>
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<tr>
<td>Multiplication and breeding centres</td>
<td>County Wide</td>
<td>Percentage of livestock improved</td>
<td>Developed livestock sector</td>
<td>30M</td>
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<tr>
<td>Description</td>
<td>Scale</td>
<td>Measure</td>
<td>Result</td>
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<tr>
<td>Market infrastructure development</td>
<td>County Wide</td>
<td>Number of marketing infrastructure developed</td>
<td>Developed livestock sector</td>
<td></td>
<td></td>
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<tr>
<td>Promote poultry and beekeeping</td>
<td>County wide</td>
<td>Tonnage of poultry products produced</td>
<td>Developed poultry and beekeeping sector</td>
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<td></td>
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<tr>
<td>Livestock extension services support</td>
<td>County wide</td>
<td>Percentage of farmers adopting new farming techniques</td>
<td>Developed livestock sector</td>
<td></td>
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<tr>
<td>Establishment of holding ground(FLAGSHIP)</td>
<td>County Wide</td>
<td>Number of holding grounds established</td>
<td>Developed livestock sector</td>
<td></td>
<td></td>
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<tr>
<td>Rangeland rehabilitation</td>
<td>County Wide</td>
<td>Acreage rehabilitated</td>
<td>Developed livestock sector</td>
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<tr>
<td>Fodder and pastures production, conservation and development</td>
<td>County Wide</td>
<td>Number of acreage under pasture and fodder</td>
<td>Availability of pasture during harsh times and developed livestock sector</td>
<td></td>
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<tr>
<td><strong>Livestock census</strong></td>
<td><strong>County Wide</strong></td>
<td><strong>Census report</strong></td>
<td><strong>Developed livestock sector</strong></td>
<td><strong>30M</strong></td>
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<tr>
<td>Support Lomidat abattoir</td>
<td>Lokichoggio</td>
<td>Amount of money allocated</td>
<td>Developed livestock sector</td>
<td><strong>22M</strong></td>
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<tr>
<td>Livestock Emergency and restocking</td>
<td>County Wide</td>
<td>Amount of money allocated</td>
<td>Developed livestock sector</td>
<td><strong>60M</strong></td>
<td></td>
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<tr>
<td>Construction of hide and skin tannery</td>
<td>Nadapal</td>
<td>Number of hide and skin tannery</td>
<td>Developed livestock sector</td>
<td><strong>20M</strong></td>
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<tr>
<td><strong>Veterinary Services and Development</strong></td>
<td><strong>Annual Vaccination of livestock at ward level</strong></td>
<td>County wide</td>
<td>Percentage of livestock vaccinated</td>
<td>Effective and developed veterinary services</td>
<td><strong>60M</strong></td>
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<tr>
<td>Mass deworming and treatment of Livestock at ward level</td>
<td>All Wards</td>
<td>Percentage of livestock dewormed and treated</td>
<td>Effective and developed veterinary services</td>
<td><strong>21M</strong></td>
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<tr>
<td>Diseases surveillance and assessments at ward level</td>
<td>All Wards</td>
<td>Surveillance reports</td>
<td>Effective and developed veterinary services</td>
<td><strong>10M</strong></td>
<td></td>
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<tr>
<td>Description</td>
<td>Area</td>
<td>Indicator</td>
<td>Description</td>
<td>Value</td>
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<tr>
<td>Livestock health Extension(CBAHWs)services</td>
<td>County Wide</td>
<td>Percentage of livestock keepers reached</td>
<td>Effective and developed veterinary services</td>
<td>9M</td>
<td></td>
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<tr>
<td>Veterinary Public Health services(CBAHWs)</td>
<td>County Wide</td>
<td>Livestock diseases incidence</td>
<td>Effective and developed veterinary services</td>
<td>15M</td>
<td></td>
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<tr>
<td>Equip county laboratory</td>
<td>County headquarters</td>
<td>Functional laboratory</td>
<td>Effective and developed veterinary services</td>
<td>2.5M</td>
<td></td>
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<tr>
<td>Support livestock emergencies health and production at ward level</td>
<td>All wards</td>
<td>Percentage of healthy livestock</td>
<td>Developed livestock sector</td>
<td>30M</td>
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</tbody>
</table>
3.10 ENERGY, ENVIRONMENT AND NATURAL RESOURCES

Goal: To facilitate accessible and reliable meteorological information and services, conservation of environment and natural resources through sustainable management and utilization of forest, wildlife and renewable energy with supervision and coordination of environmental matters, conducting research and disseminating corresponding findings for stability and socio-economic development.

Strategic Objectives
Increase tree cover and species diversity; Oversee sustainable development; Upscale research technology; Secure and protect flora and fauna; Protect and enforce environmental policy; Integrate development with environmental integrity; Enhance a clean and healthy environment for all; Collect accurate and timely weather information for planning; Produce up to standard weather forecasting; Promote and utilization of green energy; Promote efficient use of energy; Develop new energy technologies.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
</table>

74
<table>
<thead>
<tr>
<th>Turkana Greening Programme</th>
<th>Establishment of tree nurseries</th>
<th>County Wide</th>
<th>Number of tree nurseries</th>
<th>Enhanced tree cover and Improved micro-climate</th>
<th>Q1-Q4</th>
<th>45M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest Gazettement-Loima</td>
<td>Loima</td>
<td>Number</td>
<td>Number gazette forests</td>
<td>Enhanced tree cover and Improved micro-climate</td>
<td>Q1-Q3</td>
<td>5M</td>
</tr>
<tr>
<td>Urban beautification</td>
<td>Aboretum</td>
<td>Lodwar</td>
<td>Arboretum in place</td>
<td>Enhanced environmental beauty</td>
<td>Q1,Q2</td>
<td>5M</td>
</tr>
<tr>
<td>Gazettement and protection of Game Reserve</td>
<td>Gazettement and protection of Game Reserves-Kibish/Lokitipip(Flagship)</td>
<td>Kibish/Lokitipip</td>
<td>Number of Game Reserves</td>
<td>Protected wild species</td>
<td>Q1-Q4</td>
<td>100M</td>
</tr>
<tr>
<td>Research and Management of Tree Species</td>
<td>Research in developing Agro Forestry technologies</td>
<td>County wide</td>
<td>No. of research conducted</td>
<td>Enhanced research on tree species</td>
<td>Q1-Q4</td>
<td>4M</td>
</tr>
<tr>
<td></td>
<td>Research in developing indigenous fruit trees</td>
<td>County wide</td>
<td>No. of research conducted</td>
<td>Enhanced research on tree species</td>
<td>Q1-Q4</td>
<td>3M</td>
</tr>
<tr>
<td>Activity</td>
<td>Location</td>
<td>No. of people trained or exposed</td>
<td>Progress</td>
<td>Outcome</td>
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<tr>
<td>Management of Prosopis (Lake Zone, Lokangae, Lokubae)</td>
<td>Lake Zone, Lokangae and Lokubae</td>
<td>Management manual</td>
<td></td>
<td>Enhanced research on tree species</td>
<td></td>
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<tr>
<td>Micro mining Micro mining (Small scale miners)</td>
<td>County wide</td>
<td>No. trained and exposed</td>
<td></td>
<td>Increased earnings from minerals</td>
<td></td>
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<tr>
<td>Development of policy and legal frameworks</td>
<td>Lodwar</td>
<td>Number of meetings held</td>
<td></td>
<td>Enhanced protection and conservation of natural resources</td>
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<tr>
<td>Development of policy and legal frameworks</td>
<td>County wide</td>
<td>Number of action plans</td>
<td></td>
<td>Enhanced protection and conservation of natural resources</td>
<td></td>
<td></td>
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<tr>
<td>Development of policy and legal frameworks</td>
<td>County wide</td>
<td>No. of sensitization sessions</td>
<td></td>
<td>Enhanced protection and conservation of natural resources</td>
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<tr>
<td>Development of CFAs and community scout</td>
<td>Scout/Ranger Movement</td>
<td>County Wide</td>
<td></td>
<td>Enhanced protection and conservation of natural resources</td>
<td></td>
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<tr>
<td>Renewable Energy Program Rural Solar Lighting (Ward level)</td>
<td>All Wards</td>
<td>Percentage of HHs or facilities</td>
<td></td>
<td>Efficient utilization of renewable energy resources</td>
<td></td>
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</tbody>
</table>
### 3.11 LANDS, PHYSICAL PLANNING AND URBAN AREAS MANAGEMENT

**Goal:** To develop spatial plans for Turkana County that will identify the development needs and priorities within the county, and recommend on the policies and strategies to help achieve the prioritized needs/projects

<table>
<thead>
<tr>
<th>Construction of office</th>
<th>Construction of office</th>
<th>Lodwar</th>
<th>Office building</th>
<th>Improved working condition</th>
<th>Q1,Q2</th>
<th>20M</th>
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</thead>
</table>

with solar power
**Strategic Objectives**
Create enabling environment and institutional efficiency and effectiveness; To promote public participation and inclusiveness on Land management & Governance; To develop spatial plans that will provide spatial framework to guide, coordinate development activities and management of all urban/towns within the county; To plan for, provide and manage urban infrastructure & services such as streetlights, sewerage system, drainage systems, waste management, CCTV technology installations, public adverts, public recreational facilities; To provide technical planning/survey equipment and software; Provide for land ownership rights/titles for land owners within the county; To establish Digital Land registry infrastructure and facilities; Identify, map and demarcate intra and inter county boundaries in conjunction with National government; To formulate the County’s Land Policies and Regulations for effective land governance.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time frame</th>
<th>Indicative Budget (Kshs)</th>
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</thead>
<tbody>
<tr>
<td><strong>Lands Development Programme</strong></td>
<td>Land Management and Governance (Public Participation sensitization and awareness)</td>
<td>County wide</td>
<td>Level of Public awareness and participation on land</td>
<td>Enhanced public participation and inclusiveness on Land management &amp; Governance</td>
<td>Q1-Q4</td>
<td>10M</td>
</tr>
<tr>
<td></td>
<td>Land Registration, adjudication and settlement registration in 4 towns</td>
<td>Lokichoggio, Kakuma, Lodwar and Lokichar</td>
<td>Adjudicated areas Plans and maps</td>
<td>Enhanced planning of urban areas</td>
<td>Q1-Q4</td>
<td>16M</td>
</tr>
<tr>
<td></td>
<td>Development of County Spatial Development Plan</td>
<td>County wide</td>
<td>County Spatial plan draft</td>
<td>Enhanced Land management &amp; Governance</td>
<td>Q1-Q3</td>
<td>50M</td>
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<tr>
<td>Project Description</td>
<td>Location</td>
<td>Outcome</td>
<td>Budget</td>
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<tr>
<td>Development of Turkana County Land Policy and Regulations</td>
<td>County wide</td>
<td>Efficiency in land governance and management</td>
<td>Q1-Q3</td>
<td>5.2M</td>
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<tr>
<td>Compulsory land acquisition for public utilities</td>
<td>County wide</td>
<td>Increased Sites for public use</td>
<td>Q1-Q4</td>
<td>30M</td>
<td></td>
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<tr>
<td>Establishment of land registry and land information database</td>
<td>Lodwar</td>
<td>Improved access of information and land documents</td>
<td>Q1-Q2</td>
<td>7M</td>
<td></td>
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<tr>
<td>Technical equipment for survey and mapping (Total station, Geoditic GPS and Landcruiser)</td>
<td>Lodwar</td>
<td>Effective and timely survey and mapping</td>
<td>Q1-Q3</td>
<td>16M</td>
<td></td>
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<tr>
<td>Urban areas management and Improvement Programmes</td>
<td>Physical planning of potential towns in the county; Kibish, Katilia, Kalobeyei, Kainuk, Namoruputh, Kaikor, Eliye, Kapedo and Nakurio</td>
<td>Order and development control in towns - increased development applications for approvals</td>
<td>Q1-Q4</td>
<td>131M</td>
<td></td>
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<tr>
<td>Street lighting on major urban and trading centres</td>
<td>Lokori, Lokichar, Kakuma, Lokichoggio, Kalokol and Lokitaung</td>
<td>% of roads with street lights</td>
<td>Enhanced security within trading centres</td>
<td>Q1-Q3</td>
<td>64M</td>
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<tr>
<td>Town Management</td>
<td>Lokichar, Kakuma and Lokichoggio</td>
<td>No. of Services provide</td>
<td>Controlled and coordinated development of urban areas</td>
<td>Q1-Q3</td>
<td>7.5M</td>
<td></td>
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<tr>
<td><strong>Lodwar Town Management Committee</strong></td>
<td>Improvement of Moi Garden Stadia</td>
<td>Lodwar</td>
<td>Functionality and frequency of use by public</td>
<td>Conducive place to conduct public functions</td>
<td>Q1-Q3</td>
<td>7.2M</td>
</tr>
<tr>
<td>Establishment of recreational park and street naming</td>
<td>Lodwar</td>
<td>Functionality and frequency of use by public</td>
<td>Conducive recreation facilities.</td>
<td>Q1-Q4</td>
<td>20M</td>
<td></td>
</tr>
<tr>
<td>Fencing of the ministry’s offices (MoLPUA)</td>
<td>Lodwar</td>
<td>Increased office security</td>
<td>Enhanced security of office equipment and curbed encroachment</td>
<td>Q1,Q2</td>
<td>5M</td>
<td></td>
</tr>
<tr>
<td>Setting up of dumping site in Lodwar</td>
<td>Lodwar</td>
<td>Reduced solid waste in town</td>
<td>Improved solid waste management</td>
<td>Q1,Q2</td>
<td>5M</td>
<td></td>
</tr>
<tr>
<td>Establishment of a bus park and pavements</td>
<td>Lodwar</td>
<td>Existence of bus park and pavements</td>
<td>Eased location and access of the bus park</td>
<td>Q1,Q2</td>
<td>15M</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Location</td>
<td>Activities</td>
<td>Benefits</td>
<td>Timeline</td>
<td>Budget (M)</td>
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<tr>
<td>Lodwar Town Beautification Programme</td>
<td>Lodwar</td>
<td>No. of installations to beautify town</td>
<td>Improved outlook of Lodwar town</td>
<td>Q1-Q3</td>
<td>5M</td>
<td></td>
</tr>
<tr>
<td>Garbage Truck</td>
<td>Lodwar</td>
<td>Functional Garbage Truck</td>
<td>Efficient garbage collection</td>
<td>Q1</td>
<td>10M</td>
<td></td>
</tr>
<tr>
<td>Construction of Drainage system of Lodwar town</td>
<td>Lodwar</td>
<td>Length of Drainage trench excavated</td>
<td>Improved drainage within town</td>
<td>Q1</td>
<td>34M</td>
<td></td>
</tr>
<tr>
<td>Street lighting in Lodwar town</td>
<td>Lodwar</td>
<td>Length of roads under street lights</td>
<td>Enhanced security for road users</td>
<td>Q1,Q2</td>
<td>15M</td>
<td></td>
</tr>
</tbody>
</table>

### 3.12 COUNTY ASSEMBLY

**Goal:** To spearhead democracy in Turkana County through effective dispensation of legislations by facilitating Members of the County Assembly to fulfill their constitutional mandate in a representative system of government by upholding and ensuring the autonomy of the county assembly in its corporate relationship with the other arms of the government.
### Strategic Objectives
To create a sustainable working environment for staff and members; To improve service delivery and work methods of members and staff; To set up an efficient, effective and transparent expenditure control system; Digitize operations of the county assembly and automate library services; Public involvement in Budget making process.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Assembly</td>
<td>Construction of New Assembly Building</td>
<td>Lodwar</td>
<td>County Assembly chamber in place</td>
<td>To improve service delivery and work methods of members and staff.</td>
<td>Q1-Q4</td>
<td>175M</td>
</tr>
<tr>
<td><strong>Turkana County Speaker’s Residence</strong></td>
<td>Construction of Speaker’s Residence</td>
<td>Lodwar</td>
<td>Speaker’s residence in place</td>
<td>To Provide an official residence for the Speaker of the County Assembly</td>
<td>Q1-Q4</td>
<td>60M</td>
</tr>
</tbody>
</table>

### 3.13 COUNTY PUBLIC SERVICE BOARD
Goal: To establish and maintain a sufficient, professional and competent workforce through quality and effective service delivery for the realization of county development goals and foster national unity.

Strategic Objectives;
To provide leadership and policy direction for effective service delivery; Establish a county skill database that will provide a comprehensive audit of all present and needed skills

<table>
<thead>
<tr>
<th>Programme</th>
<th>Sub-Programme</th>
<th>Location</th>
<th>Indicators</th>
<th>Outcomes</th>
<th>Time Frame</th>
<th>Indicative Budget (Kshs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Administration Planning and Support Services</td>
<td>Recruitment of staff</td>
<td>County Wide</td>
<td>Number of staff recruited</td>
<td>Recruitment and deployment of competent staff for efficient and effective service delivery</td>
<td>Q1-Q4</td>
<td>68M</td>
</tr>
</tbody>
</table>
CHAPTER FOUR

IMPLEMENTATION, MONITORING AND EVALUATION
4.0 INTRODUCTION
This chapter presents the monitoring and evaluation framework that will be used by the County departments to track progress on implementation of projects and programmes. An indicative matrix detailing projects and programmes, costing and implementing agencies as well as monitoring tools and indicators on projects and programmes identified in chapter three, is given as Annex I.

4.1 Institutional Framework for Monitoring and Evaluation as per NIMES and County M&E system
At the National level, Monitoring and Evaluation is conducted through National Integrated Monitoring and Evaluation System (NIMES), whose main aim is to improve the effectiveness and quality of tracking of implementation of various development policies, strategies and programmes. The County and lower level monitoring and evaluation of projects and programmes are part of this system.

It is expected that Counties will put in place a County Monitoring and Evaluation system to serve the needs of the County Government, while complimenting the National M & E system. The system will take cognizance of the projects and programmes included in the County Integrated Development Plans as well as indicators facilitating the MTEF process, and development aspects of Turkana County.

4.2 Implementation, Monitoring and Evaluation Matrix
The matrix below indicates projects for implementation, monitoring tools and indicators for each of those projects, time frames for implementing those projects, implementing agencies and stakeholder responsibilities. The details of project objectives, activities for all projects and programmes are listed in Chapter 3.
### 4.2.1 OFFICE OF THE GOVERNOR

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Delivery Unit</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction of Governors Residence</td>
<td>Office of the Governor County Secretary</td>
<td>Lodwar</td>
<td>% Level of completion</td>
<td>BoQs; Drawings; Progress reports; Site minutes</td>
<td>Office of the Governor County Secretary</td>
<td>Q1-Q4</td>
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<tr>
<td>Public-Private Partnership Initiatives (PPPs)</td>
<td>Office of the Governor</td>
<td>County wide</td>
<td>Number of PPPs initiatives</td>
<td>Policies</td>
<td>Office of the Governor</td>
<td>Q1-Q4</td>
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<tr>
<td>CPMR Local Initiatives and Resettlement</td>
<td>Office of the Governor Security and Peace Unit</td>
<td>County wide</td>
<td>Number of meetings Reports</td>
<td>Minutes and resolutions; Reports</td>
<td>Office of the Governor Security and Peace Unit</td>
<td>Q1-Q4</td>
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</tr>
<tr>
<td>CPMR Cross Border Initiatives</td>
<td>Office of the Governor Security and Peace Unit</td>
<td>County wide</td>
<td>Number of meetings Reports</td>
<td>Minutes and resolutions; Reports</td>
<td>Office of the Governor Security and Peace Unit</td>
<td>Q1-Q4</td>
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<tr>
<td>Acquiring and development of communication systems/equipment/materials</td>
<td>Public Relations</td>
<td>County wide</td>
<td>No of publications, Events covered,</td>
<td>Brochures; Flyers; Reports;</td>
<td>Public Relations</td>
<td>Q1,Q2</td>
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### 4.2.2 FINANCE AND ECONOMIC PLANNING

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
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<tr>
<td>Construction of office (County Executive)</td>
<td>Lodwar</td>
<td>% Level of completion of County Executive Office</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Treasury</td>
<td>Q1</td>
<td></td>
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<tr>
<td>Refurbishment of Non-Residential Buildings</td>
<td>County Wide</td>
<td>No. of Refurbished buildings</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Treasury</td>
<td>Q1.Q2</td>
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<tr>
<td>Purchase of Vehicles (Elongated Land Cruiser for Planning, 3 Trucks for relief)</td>
<td>County Wide</td>
<td>No. of Motor Vehicles</td>
<td>Log books; Asset registers</td>
<td>Treasury</td>
<td>Q1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vehicle Overhaul (Former Local Authority Vehicles)</td>
<td>Lodwar</td>
<td>Proportion of vehicles restored and serviced</td>
<td>Mechanical Reports; Work tickets</td>
<td>Treasury</td>
<td>Q1, Q2</td>
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</tr>
<tr>
<td>Project Description</td>
<td>Location</td>
<td>Main Indicators</td>
<td>Reporting Period</td>
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<tr>
<td>Purchase of Office Furniture and Fittings</td>
<td>County wide</td>
<td>Proportion of offices equipped with furniture and fittings</td>
<td>Asset registers</td>
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<tr>
<td>Purchase of Computers, Printers and other IT Equipment</td>
<td>County wide</td>
<td>Proportion of offices equipped</td>
<td>Asset registers</td>
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<td>Q1, Q2</td>
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<td>Bills &amp; Policies</td>
<td>County wide</td>
<td>Number of bills enacted Number of financial policies formulated</td>
<td>Policy Documents; Bills</td>
<td>Treasury Planning</td>
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<td>Audit Revenue</td>
<td>Q1-Q4</td>
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<td>Automated Revenue Collection</td>
<td>All Wards</td>
<td>Automation systems in place</td>
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<td>Q1, Q2</td>
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<td>Feasibility on Revenue Base</td>
<td>County wide</td>
<td>Study reports</td>
<td>Study report</td>
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<td>Q1</td>
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<td>Awareness and Campaigns on Revenue at ward level.</td>
<td>All Wards</td>
<td>No. of awareness &amp; campaigns Level of awareness</td>
<td>Broadcast messages; Flyers, brochures</td>
<td>Revenue</td>
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<td>Revenue</td>
<td>Q2, Q3</td>
<td></td>
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<tr>
<td>Motorbikes for Revenue Officers 30 No.</td>
<td>All Wards</td>
<td>Number of motorbikes bought</td>
<td>Log books; Asset register</td>
<td>Procurement</td>
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<td>Q1</td>
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<tr>
<td>Strengthening Revenue Systems</td>
<td>All Wards</td>
<td>% increase in revenue collection</td>
<td>Monthly collection reports</td>
<td>Revenue</td>
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<td>Revenue</td>
<td>Q1, Q2</td>
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<td>Project Description</td>
<td>Location</td>
<td>Activities</td>
<td>Department</td>
<td>Timeframe</td>
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<td>Renovation of Former WFP Compound as a revenue source</td>
<td>Lokichoggio</td>
<td>Renovated former WFP offices</td>
<td>Treasury</td>
<td>Q2-Q4</td>
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<tr>
<td>Benchmarking and Learning experiences at Norway, Rwanda and Ghana with Budget and Appropriation Committee</td>
<td>Norway, Rwanda, and Ghana</td>
<td>Benchmarking reports</td>
<td>Planning Treasury</td>
<td>Q1-Q4</td>
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<td>Lokiriama Border point revenue centre</td>
<td>Lokiriama</td>
<td>Functional Lokiriama Border point revenue centre</td>
<td>Revenue</td>
<td>Q1-Q4</td>
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<td>Internal Audit</td>
<td>County wide</td>
<td>Effectiveness of expenditure systems</td>
<td>Audit</td>
<td>Q1-Q4</td>
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<td>Procurement systems</td>
<td>County wide</td>
<td>Percentage of completed procurements</td>
<td>Procurement</td>
<td>Q1-Q4</td>
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<tr>
<td>Category</td>
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<td>Metric 1</td>
<td>Metric 2</td>
<td>Department</td>
<td>Quarterly Range</td>
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<tr>
<td>Assets management and Valuation of County Assets</td>
<td>County wide</td>
<td>Percentage of Asset registered</td>
<td>Valuation reports</td>
<td>Treasury Audit</td>
<td>Q1-Q4</td>
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<tr>
<td>IFMIS Training Expenses</td>
<td>County wide</td>
<td>Percentage of officers trained</td>
<td>Back to office reports</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<tr>
<td>Assurance and Insurance of Govt. Assets</td>
<td>County wide</td>
<td>Percentage of government assets insured</td>
<td>Insurance policies</td>
<td>Treasury Procurement</td>
<td>Q1-Q4</td>
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<tr>
<td>Economic Policy formulation and Dissemination</td>
<td>County wide</td>
<td>Number of policies formulated</td>
<td>Study Reports; Policy Documents; Circulars; CFSP</td>
<td>Planning</td>
<td>Q2,Q3</td>
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<tr>
<td>CIDP review and Dissemination</td>
<td>County wide</td>
<td>Number of CIDP reviews</td>
<td>Reviewed and updated Documents; Brochures; Flyers</td>
<td>Planning</td>
<td>Q1-Q4</td>
<td></td>
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<td>Budget preparation and Dissemination</td>
<td>County wide</td>
<td>Budget documents</td>
<td>Budget documents; Appropriation Bill</td>
<td>Planning</td>
<td>Q1-Q4</td>
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<tr>
<td>Preparation of Annual Plans and Reports (Quarterly)</td>
<td>County wide</td>
<td>Number of reports, Plans</td>
<td>Plans; Reports</td>
<td>Planning</td>
<td>Q1-Q4</td>
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<tr>
<td>Activity</td>
<td>Location</td>
<td>Measure</td>
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<td>Planning</td>
<td>Timeframe</td>
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<tr>
<td>County Budget and Economic Forum</td>
<td>Lodwar</td>
<td>Number of economic forums</td>
<td>Minutes; Reports</td>
<td>Planning</td>
<td>Q1-Q4</td>
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<tr>
<td>Donor scan/Mapping within the county for resource mobilization</td>
<td>County wide</td>
<td>Donor scan report</td>
<td>Report Database</td>
<td>Planning Development Partners, CBOs</td>
<td>Q1-Q2</td>
<td></td>
<td></td>
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<tr>
<td>Establishment of development committees (Sub County and Ward)</td>
<td>Sub-County Headquarters and Wards</td>
<td>Number of committees established</td>
<td>Minutes Reports</td>
<td>Planning Decentralised Units</td>
<td>Q1-Q2</td>
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<tr>
<td>Training of the development committees (Sub County and Ward)</td>
<td>Sub-County Headquarters and Wards</td>
<td>Number of committees trained</td>
<td>Training reports</td>
<td>Planning</td>
<td>Q2-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Softwares (E-ProMIS, GIS e.t.c)</td>
<td>Lodwar</td>
<td>Percentage of reporting</td>
<td>Softwares; Database</td>
<td>Planning</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field visits, data collection and Reporting</td>
<td>County wide</td>
<td>Quarterly reports</td>
<td>Field monitoring tools; Field reports</td>
<td>Planning</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
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<tr>
<td>Training and Knowledge management</td>
<td>County wide</td>
<td>Percentage of officers trained</td>
<td>Training reports</td>
<td>Planning</td>
<td>Q1-Q4</td>
<td></td>
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<td>Devolved Monitoring and Evaluation Committees</td>
<td>Sub-County Headquarters and Wards</td>
<td>Percentage of monitored/completed projects</td>
<td>M&amp;E reports; Minutes</td>
<td>Planning</td>
<td>Q1-Q4</td>
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<tr>
<td>Construction of County Citizen Resource Centres</td>
<td>Lodwar and Loima</td>
<td>Number of Resource centres constructed</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Planning</td>
<td>Q2-Q4</td>
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<td>Web site Development</td>
<td>Lodwar</td>
<td>Web site No. of hits</td>
<td>Website;</td>
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<td>Social Budgeting and Generation of SIR Reports</td>
<td>County wide</td>
<td>Bi-annual SIR Reports</td>
<td>Field reporting tools</td>
<td>Planning</td>
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<td>Soft wares, databases and tools</td>
<td>Lodwar</td>
<td>Percentage coverage of statistical data</td>
<td>Software</td>
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<tr>
<td>Capacity Development</td>
<td>Lodwar</td>
<td>percentage of statisticians trained</td>
<td>Training Reports</td>
<td>Treasury Planning Procurement Audit Revenue</td>
<td>Q1.Q2</td>
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<tr>
<td>Sub-Programme</td>
<td>Location</td>
<td>Monitoring Indicators</td>
<td>Monitoring tools</td>
<td>Implementing Unit</td>
<td>Time Frame</td>
<td>Status</td>
<td>remarks</td>
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<tr>
<td>Joint planning with stakeholders</td>
<td>Lodwar Sub-County Headquarters</td>
<td>No. of joint consultative meeting held</td>
<td>Minutes; reports.</td>
<td>Water dept; irrigation dept.</td>
<td>Q1</td>
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### 4.2.3 WATER, IRRIGATION AND AGRICULTURE

<table>
<thead>
<tr>
<th>Data Collection, Surveys and Reports</th>
<th>County wide</th>
<th>Number of surveys</th>
<th>Surveys; Reports</th>
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<th>Q1-Q4</th>
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<tbody>
<tr>
<td>Service Charter</td>
<td>Sub-County Headquarters and Wards</td>
<td>Existence of service charter</td>
<td>Service charters</td>
<td>Planning</td>
<td>Q2-Q4</td>
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<td>Development of County Filing Systems</td>
<td>County wide</td>
<td>Existence of filing system</td>
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<td>Procedure Manual and Training</td>
<td>County wide</td>
<td>Existence of procedure manual</td>
<td>Procedure Manual</td>
<td>Planning Governor’s office SDU</td>
<td>Q1-Q4</td>
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<td>County Internship Programme</td>
<td>County wide</td>
<td>Number of interns engaged</td>
<td>Guidelines; Report</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<tr>
<td>Technical planning and design</td>
<td>County wide</td>
<td>No. of designs prepared and timely completion of works as per designs</td>
<td>Technical designs; Level of completion; minutes; reports.</td>
<td>Water dept; irrigation dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Water Permits</td>
<td>County wide</td>
<td>No. of water permits acquired for major water works</td>
<td>Receipts; Financial reports.</td>
<td>Water dept.</td>
<td>Q2</td>
</tr>
<tr>
<td>Rehabilitation of water supplies</td>
<td>County wide</td>
<td>Reduced % in the number of non-functional water supplies</td>
<td>Reports</td>
<td>Water dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Construction of Water pan per ward</td>
<td>All wards</td>
<td>No. of newly constructed water pans</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building; minutes; reports.</td>
<td>Water dept; irrigation dept.</td>
<td>Q3,Q4</td>
</tr>
<tr>
<td>Drilling and Equipping three boreholes per ward</td>
<td>All wards</td>
<td>No. of new boreholes</td>
<td>BoQs; Drawings; site minutes; Level of completion; Boreholes; reports.</td>
<td>Water dept.</td>
<td>Q1,Q3,Q4</td>
</tr>
<tr>
<td>Project Description</td>
<td>Location</td>
<td>Activity Details</td>
<td>Required Documents</td>
<td>Department</td>
<td>Quarter(s)</td>
</tr>
<tr>
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</tr>
<tr>
<td>Construction of piped water supplies</td>
<td>County wide</td>
<td>No. of new piped water supplies</td>
<td>BoQs; Drawings; site minutes; Level of completion; constructed water pipes; reports.</td>
<td>Water dept.</td>
<td>Q3,Q4</td>
</tr>
<tr>
<td>Upgrading of motorized water system to solar</td>
<td>County wide</td>
<td>No. of newly established and functional solar system</td>
<td>Asset register.</td>
<td>Water dept.</td>
<td>Q2,Q3</td>
</tr>
<tr>
<td>Purchase of two water Browsers</td>
<td>Lodwar</td>
<td>No of purchased water Browsers</td>
<td>Asset register and log-book; reports.</td>
<td>Water dept.</td>
<td>Q1</td>
</tr>
<tr>
<td>Drought water related stress mitigation</td>
<td>County wide</td>
<td>Effectiveness and efficiency of drought contingency plan</td>
<td>Reports.</td>
<td>Water dept.</td>
<td>Q1,Q2,Q3</td>
</tr>
<tr>
<td>Construction of sewerage systems</td>
<td>Lodwar</td>
<td>Completed Lodwar town sewerage design and plan</td>
<td>BoQs; Drawings; site minutes; Level of completion; sewerage system; reports.</td>
<td>Water dept.</td>
<td>Q2</td>
</tr>
<tr>
<td>Purchase of stand-by genset</td>
<td>County wide</td>
<td>No. of newly installed stand-by gensets</td>
<td>Asset register.</td>
<td>Water dept.</td>
<td>Q2</td>
</tr>
<tr>
<td>Project Description</td>
<td>Location(s)</td>
<td>Task Details</td>
<td>Department(s)</td>
<td>Timeframe</td>
<td></td>
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<tr>
<td>Training of water users association &amp; water services providers</td>
<td>County wide</td>
<td>Improved management of water supplies/points</td>
<td>Water dept.</td>
<td>Q1-Q4</td>
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<tr>
<td>Feasibility studies for irrigation systems development</td>
<td>County wide</td>
<td>No. of completed studies</td>
<td>Irrigation dept.</td>
<td>Q2</td>
<td></td>
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<tr>
<td>Construction of 2 new dry land irrigation schemes</td>
<td>Nadung’a Lotikippi</td>
<td>Functional irrigation schemes</td>
<td>Irrigation dept.</td>
<td>Q3,Q4</td>
<td></td>
</tr>
<tr>
<td>Expansion of 5 existing irrigation schemes</td>
<td>Lokubae, Katitu, Turkwel, Naoros, Elelea</td>
<td>Functional irrigation schemes</td>
<td>Irrigation dept.</td>
<td>Q3,Q4</td>
<td></td>
</tr>
<tr>
<td>Rehabilitation of 5 existing irrigation schemes</td>
<td>Nanyee, Koloroo, Kakwenyang, Namoruu, Morulem</td>
<td>Functional irrigation schemes</td>
<td>Irrigation dept.</td>
<td>Q3,Q4</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Area</td>
<td>Activities</td>
<td>Reports</td>
<td>Department</td>
<td>Quarter</td>
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<tr>
<td>Construction of model drip irrigation systems</td>
<td>NapuruTurkwel</td>
<td>Functional model drip irrigation systems</td>
<td>BoQs; Drawings; site minutes; Level of completion; drip irrigation system; reports.</td>
<td>Irrigation dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td>Construction Food Reserve Stores</td>
<td>County wide</td>
<td>Functional Food reserve stores.</td>
<td>BoQs; Drawings; site minutes; Level of completion; food reserve stores; reports.</td>
<td>Agriculture dept.</td>
<td>Q3,Q4</td>
</tr>
<tr>
<td>Farmers training</td>
<td>County wide</td>
<td>No. of trained and practising farmers</td>
<td>Training reports.</td>
<td>Agriculture dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td>Establishment of farm demonstrations and trials</td>
<td>County wide</td>
<td>No. of demonstration farms and successful trial crops ready for scaling up</td>
<td>Reports.</td>
<td>Agriculture dept.</td>
<td>Q3,Q4</td>
</tr>
<tr>
<td>Organizing field days show and exhibitions</td>
<td>County wide</td>
<td>No. of successful field days and exhibitions</td>
<td>Reports.</td>
<td>Agriculture dept.</td>
<td>Q2,Q4</td>
</tr>
<tr>
<td></td>
<td>Sub-county Headquarters</td>
<td>Amount of harvested food crop properly stored in the warehouse</td>
<td>BoQs; Drawings; site minutes; Level of completion; warehouse and stores; reports.</td>
<td>Agriculture dept.</td>
<td>Q3,Q4</td>
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<tr>
<td><strong>Construction of strategic warehouse and stores</strong></td>
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</tr>
<tr>
<td><strong>Seminars and workshops</strong></td>
<td>County wide</td>
<td>No. of farmers who are practising good agronomy.</td>
<td>Reports.</td>
<td>Agriculture dept.</td>
<td>Q3,Q4</td>
</tr>
<tr>
<td><strong>Promotion of drought tolerant crops</strong></td>
<td>County wide</td>
<td>% increase in farmers harvest as result of adoption of drought crops</td>
<td>Reports.</td>
<td>Agriculture dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td><strong>Promotion of shade net, greenhouse technology &amp; drip kits</strong></td>
<td>County wide</td>
<td>% increase in crop harvest as a result of use of shade nets, greenhouse and drip kits</td>
<td>Field reports.</td>
<td>Agriculture dept.</td>
<td>Q1,Q2</td>
</tr>
<tr>
<td><strong>Purchase of seeds and planting materials</strong></td>
<td>County wide</td>
<td>% increase in crop harvest as a result of use of certified seeds and planting materials</td>
<td>Counter receipt vouchers.</td>
<td>Agriculture dept.</td>
<td>Q1,Q3</td>
</tr>
<tr>
<td>Purchase of farm tools and equipment</td>
<td>County wide</td>
<td>% increase in in farm produce as a result of use of appropriate farm tools and equipment</td>
<td>Counter receipt vouchers.</td>
<td>Agriculture dept.</td>
<td>Q1-Q3</td>
</tr>
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</tr>
<tr>
<td>Purchase of pesticides, spraying equipment and safety gear</td>
<td>County wide</td>
<td>% reduction in loss of crop harvest as a result of use of pesticides</td>
<td>Counter receipt vouchers.</td>
<td>Agriculture dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td>Purchase of motor cycles</td>
<td>Lodwar</td>
<td>No. of Purchased motor cycles</td>
<td>Asset register; motor cycles log-book.</td>
<td>Agriculture dept.</td>
<td>Q1</td>
</tr>
<tr>
<td>Construction of trapezoidal bunds, contours &amp; micro catchment</td>
<td>County wide</td>
<td>No. of community built trapezoidal bunds, contours and micro catchment</td>
<td>BoQs; Drawings; site minutes; Level of completion; trapezoidal bunds, contours &amp; micro catchment; reports.</td>
<td>Agriculture dept.</td>
<td>Q1</td>
</tr>
</tbody>
</table>
## Construction of Rock Catchments

<table>
<thead>
<tr>
<th>Location</th>
<th>No. of constructed rock catchments and sand dams</th>
<th>BoQs; Drawings; site minutes; Level of completion; rock catchments; reports.</th>
<th>Agriculture dept.</th>
<th>Q2,Q3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lapur, Lokiriama, Songot, Riokomor, Lomelo, Kibish</td>
<td>No. of constructed rock catchments and sand dams</td>
<td>BoQs; Drawings; site minutes; Level of completion; rock catchments; reports.</td>
<td>Agriculture dept.</td>
<td>Q2,Q3</td>
</tr>
</tbody>
</table>

## Construction of Sand Dams

<table>
<thead>
<tr>
<th>Location</th>
<th>No. of sunk shallow wells and dams</th>
<th>BoQs; Drawings; site minutes; Level of completion; sand dams; reports.</th>
<th>Agriculture dept.</th>
<th>Q2,Q3</th>
</tr>
</thead>
<tbody>
<tr>
<td>County wide</td>
<td></td>
<td></td>
<td>Agriculture dept.</td>
<td>Q2,Q3</td>
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</tbody>
</table>

## Pasture Reseeding

<table>
<thead>
<tr>
<th>Location</th>
<th>Ha. of land under pasture</th>
<th>Field reports.</th>
<th>Agriculture dept.</th>
<th>Q2</th>
</tr>
</thead>
<tbody>
<tr>
<td>County wide</td>
<td>Ha. of land under pasture</td>
<td>Field reports.</td>
<td>Agriculture dept.</td>
<td>Q2</td>
</tr>
</tbody>
</table>

## Farmers Capacity Building

<table>
<thead>
<tr>
<th>Location</th>
<th>No. of farmers trained</th>
<th>Training reports.</th>
<th>Agriculture dept.</th>
<th>Q1-Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>County wide</td>
<td>No. of farmers trained</td>
<td>Training reports.</td>
<td>Agriculture dept.</td>
<td>Q1-Q4</td>
</tr>
</tbody>
</table>

### 4.2.4 HEALTH

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Programme</td>
<td>Location</td>
<td>Monitoring Indicators</td>
<td>Monitoring Tools</td>
<td>Implementing Unit</td>
<td>Time Frame</td>
<td>Status</td>
<td>Remarks</td>
</tr>
</tbody>
</table>

100
<table>
<thead>
<tr>
<th>Construction of Inpatient blocks, equipment, fencing, gate, surveying, power connectivity, water, toilets, staff quarters, incinerator</th>
<th>County wide</th>
<th>% of funds utilized in health infrastructure</th>
<th>BoQs; Drawings; site minutes; Level of completion; Building</th>
<th>Health and Sanitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lodwar County Hospital upgrading</td>
<td>Lodwar</td>
<td>% of funds utilized in improving LDH health infrastructure</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Lorugum, Elele, Lokichar, Lokitaung and Lopiding upgrading</td>
<td>Lorugum Elele Lokichar Lokitaung Lopiding</td>
<td>% of funds utilized in improving health infrastructure</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Construction and equipping 2 dispensaries per ward</td>
<td>All wards</td>
<td>No. of dispensaries constructed per ward</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Project Description</td>
<td>Location</td>
<td>Details</td>
<td>Documentation</td>
<td>Department</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
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</tr>
<tr>
<td>Utility vehicles(2) Motorcycles (15) Bicycles (100) for CHWs</td>
<td>County wide</td>
<td>No. procured</td>
<td>Log books; Asset registers</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Communication gadgets for ambulances</td>
<td>Sub-Counties</td>
<td>No. ambulances fitted</td>
<td>LPOs; Service sheets</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Purchase of Lorry</td>
<td>Lodwar</td>
<td>Lorry procured</td>
<td>Log books; Asset registers</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Construction of County health administrative office block</td>
<td>Lodwar</td>
<td>Office in place</td>
<td>BoQs; Drawings; site minutes; Level of completion;</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Construction of a central commodity store/warehouse</td>
<td>Lodwar</td>
<td>Central warehouse in place</td>
<td>BoQs; Drawings; site minutes; Level of completion;</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Purchase of public address systems for sub-counties</td>
<td>Sub-counties</td>
<td>Public address systems purchased</td>
<td>LPOs; S13 forms</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>HMIS support including printing of tools</td>
<td>County wide</td>
<td>% of facilities submitting timely, complete</td>
<td>Reports</td>
<td>Health and Sanitation</td>
</tr>
</tbody>
</table>
and accurate information

<table>
<thead>
<tr>
<th>HIV &amp; AIDS including community based HIV interventions</th>
<th>County wide</th>
<th>% of population undergoing HIV test and cancelling % of HIV exposed infants tested at 6 weeks</th>
<th>Data sheets; Surveys</th>
<th>Health and Sanitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB &amp; Leprosy</td>
<td>County wide</td>
<td>TB cure rate No. of TB and Leprosy patients screened and undergoing treatment</td>
<td>Data sheets</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Malaria</td>
<td>County wide</td>
<td>% Decrease in morbidity and mortality rates of malaria related illnesses</td>
<td>Inpatients and outpatient log sheets</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>NTDs(neglected tropical diseases)</td>
<td>County wide</td>
<td>% Decrease in prevalence and mortality of NTDs and related illnesses</td>
<td>Inpatients and outpatient log sheets</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Category</td>
<td>Geography</td>
<td>Indicator</td>
<td>Reports/Methods</td>
<td>Department</td>
</tr>
<tr>
<td>-------------------------------</td>
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<tr>
<td>Nutrition</td>
<td>County wide</td>
<td>GAM rates</td>
<td>Nutrition reports</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Reproductive health</td>
<td>County wide</td>
<td>Percentage reduction in maternal mortalities and contraceptive uptake</td>
<td>Data sheets; Surveys</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>Disease surveillance</td>
<td>County wide</td>
<td>Disease surveillance</td>
<td>Reports; Surveys</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>EPI/Outreaches</td>
<td>County wide</td>
<td>% of population immunized</td>
<td>Immunization reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Community strategy</td>
<td>County wide</td>
<td>Monthly reports, No. of community dialogue days</td>
<td>Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Health promotion</td>
<td>County wide</td>
<td>Proportion of proportion aware of key health messages</td>
<td>Brochures; Broadcast messages; Outreach reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Environmental health services</td>
<td>County wide</td>
<td>No. of Environmental Health Reports</td>
<td>Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Emergency preparedness &amp; disaster response</td>
<td>County wide</td>
<td>Amount of funds allocated for emergency fund</td>
<td>Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Service Area</td>
<td>Area of Service</td>
<td>Data Required</td>
<td>Reports Needed</td>
<td>Department</td>
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<tr>
<td>-----------------------------------------------------</td>
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<tr>
<td>Laboratory supplies and support</td>
<td>County wide</td>
<td>% of funds absorbed in purchasing lab supplies</td>
<td>Reagents; LPOs; Dispatch and delivery documents</td>
<td>Health and Sanitation</td>
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<tr>
<td>Rehabilitation and disability mainstreaming</td>
<td>County wide</td>
<td>No. of people supported</td>
<td>Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Mental health</td>
<td>County wide</td>
<td>No. of people enrolled in Programme</td>
<td>Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Alcoholism and drug abuse management</td>
<td>County wide</td>
<td>Amount of funds allocated for the programme</td>
<td>Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Dental Care</td>
<td>County wide</td>
<td>Proportion of people with dental problems accessing dental care.</td>
<td>Data sheets; Reports</td>
<td>Health and Sanitation</td>
</tr>
<tr>
<td>ENT care</td>
<td>County wide</td>
<td>Amount of funds allocated</td>
<td>Data sheets; Reports</td>
<td>Health and Sanitation</td>
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<tr>
<td>Quality Assurance</td>
<td>County wide</td>
<td>Data Quality Audit Reports</td>
<td>Data sheets; Audit Reports</td>
<td>Health and Sanitation</td>
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### 4.2.5 TRADE, TOURISM AND INDUSTRY

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>SMEs Credit Scheme at ward level</td>
<td>All Wards</td>
<td>Number and scale of loans accessed</td>
<td>Quarterly Reports;</td>
<td>Trade</td>
<td></td>
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<tr>
<td>Capacity Building Workshops</td>
<td>Sub-Counties</td>
<td>Number of business people trained;</td>
<td>Training Reports;</td>
<td>Trade</td>
<td></td>
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<tr>
<td>Cooperatives Development Fund</td>
<td>County wide</td>
<td>Number of cooperative societies accessing funds</td>
<td>List of cooperatives benefiting;</td>
<td>Trade</td>
<td></td>
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<tr>
<td>Value Addition Initiatives</td>
<td>County wide</td>
<td>Types of high value products produced/ Number of high value products</td>
<td>Quarterly Reports;</td>
<td>Industry</td>
<td></td>
<td></td>
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<tr>
<td>Project Description</td>
<td>Area</td>
<td>Output Measures</td>
<td>Outputs</td>
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<td></td>
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<td></td>
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<tr>
<td>Business Development and Training Services</td>
<td>County wide</td>
<td>Number of successful businesses</td>
<td>Training Reports;</td>
<td></td>
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<tr>
<td>Construction and Development of Modern Physical Market Infrastructure in Sub-Counties</td>
<td>County wide</td>
<td>Number of Sub Counties with Modern Markets</td>
<td>BoQs; Drawings; site minutes; Level of completion; Structures</td>
<td></td>
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<tr>
<td>Construction and Equipping of Turkana Business and Conference Centre</td>
<td>County wide</td>
<td>Construction completion reports, handover</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td></td>
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<tr>
<td>Trade Fairs and Exhibitions</td>
<td>Lodwar</td>
<td>Number of Trade Fairs and Exhibitions held</td>
<td>Annual Reports;</td>
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<tr>
<td>Media and Publicity Campaigns</td>
<td>County wide</td>
<td>Number and types of promotional messages sent out</td>
<td>Broadcast messages; Flyers, brochures</td>
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107
<table>
<thead>
<tr>
<th>Investment Forums</th>
<th>Sub-Counties</th>
<th>Number of Investment Forums</th>
<th>Reports; Attendance register;</th>
<th>Industry</th>
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<tr>
<td>Turkwood Films Project</td>
<td>County wide</td>
<td>No. of MOUs signed with partners in film industry</td>
<td>MOUs;</td>
<td>Industry</td>
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<tr>
<td>Tourist Attractions Mapping &amp; Development</td>
<td>County wide</td>
<td>Number of films produced No. of tourists</td>
<td>Mapping Reports;</td>
<td>Tourism</td>
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<td>Home of Mankind Safaris</td>
<td>County wide</td>
<td>Number of tourist arrivals</td>
<td>Quarterly Reports;</td>
<td>Industry</td>
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<td>Eco -Tourist Hotels</td>
<td>Kainuk Kataboi</td>
<td>Number of bed occupancy</td>
<td>Broadcast messages; Flyers, brochures</td>
<td>Tourism</td>
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<tr>
<td>Sectoral Advisory Councils</td>
<td>County wide</td>
<td>No. of stakeholder forums public education initiatives</td>
<td>Minutes;</td>
<td>Trade, Tourism and Industry</td>
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<td>Alcoholic Licensing Directorate Funding</td>
<td>County wide</td>
<td>No. businesses licensed</td>
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### 4.2.6 EDUCATION

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<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Equipping and Furnishing Existing ECDE Centres</td>
<td>County wide</td>
<td>Number of ECDEs furnished</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building; Functional Equipment</td>
<td>Education</td>
<td>Q1,Q2</td>
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<tr>
<td>Constructing and equipping 2 ECD Centres per ward</td>
<td>County wide</td>
<td>Number of ECD centers constructed, Number of pupils attending ECDs</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Education</td>
<td>Q1,Q2</td>
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<tr>
<td>Renovation and Refurbishing County DICECE College</td>
<td>County wide</td>
<td>Number of structures/facilities improved</td>
<td>BoQs; Drawings; site minutes; Level of completion; Renovated Building</td>
<td>Education</td>
<td>Q1,Q2</td>
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<td>Preliminary works for establishment of a public</td>
<td>Lodwar</td>
<td>PDP, Structures built</td>
<td>BoQs; Drawings; site minutes; Level of completion; Structures</td>
<td>Education</td>
<td>Q1,Q2</td>
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<td>university in Turkana County</td>
<td>County wide</td>
<td>Provision of Educational, Instructional and Learning materials</td>
<td>Number of educational and instructional materials provided</td>
<td>Inventory of the materials</td>
<td>Education</td>
<td>Q3,Q4</td>
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<tr>
<td>County wide</td>
<td>Percentage of ECD Centres with food</td>
<td>Programme Reports</td>
<td>Education</td>
<td>Q1-Q4</td>
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<tr>
<td>Kaaleng, Lokori, Kakuma, Kalokol Loyopo</td>
<td>Number of institutions rehabilitated and equipped</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Education</td>
<td>Q1,Q2</td>
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<td>Loruugum, Kataboi and Lokichar</td>
<td>Number of students attending vocational trainings;</td>
<td>Enrolment Register;</td>
<td>Education</td>
<td>Q3,Q4</td>
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<tr>
<td>County wide</td>
<td>Amount of Fund Allocated</td>
<td>Register of Beneficiaries;</td>
<td>Education</td>
<td>Q1,Q2, Q4</td>
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<tr>
<td>Development Fund</td>
<td>Training of Staff</td>
<td>Lodwar</td>
<td>Number of staff trained</td>
<td>Training Reports</td>
<td>Human Resource</td>
<td>Q1-Q4</td>
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<tr>
<td>Economic empowerment and provision of assistive devices to persons with disabilities (PWDs) in All wards</td>
<td>Number of PWDs funded/trained</td>
<td>Training Reports; List of PWDs Funded</td>
<td>Social Development</td>
<td>Q1-Q4</td>
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<td>Construction of PWDs multi-purpose resource center</td>
<td>Lodwar</td>
<td>Number of PWDs with assistive devices</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Social Development</td>
<td>Q1-Q2</td>
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<tr>
<td>Youth and Women Development and Empowerment Fund</td>
<td>All wards</td>
<td>PDP, Site Plan, Structures</td>
<td>PDP; Minutes; List of Beneficiaries</td>
<td>Social Development</td>
<td>Q1-Q4</td>
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<td>Campaign against Early child Marriages</td>
<td>County wide</td>
<td>Number of youths/women trained;</td>
<td>Broadcast messages; Flyers, Brochures</td>
<td>Social Development</td>
<td>Q1-Q4</td>
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<td>Sexual and Gender Based Violence Programme</td>
<td>County wide</td>
<td>Number of youths/women facilitated to access market for their products;</td>
<td>Programme Reports</td>
<td>Social Development</td>
<td>Q1-Q4</td>
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<tr>
<td>Sports(Athletics, Football, Other disciplines)</td>
<td>County wide</td>
<td>Percentage of stadia completed</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Sports</td>
<td>Q1,Q2</td>
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<tr>
<td>Construction of sport Stadia</td>
<td>Lodwar</td>
<td>Number of sporting activities</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Sports</td>
<td>Q1,Q2</td>
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<tr>
<td>Support to Extra-Curriculum Activities (Dramas and Music)</td>
<td>County Wide</td>
<td>Number of festivals</td>
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<td></td>
<td>Q1,Q2</td>
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<td>Support to Annual Cultural Festivals and initiatives</td>
<td>Lodwar</td>
<td>Number of cultural sites and monuments marked/identified</td>
<td>Q1</td>
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<tr>
<td>Construction of Library and Archives</td>
<td>Lodwar</td>
<td>Number of libraries and archives constructed and equipped</td>
<td>Q1,Q2</td>
<td></td>
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<tr>
<td>Establishment of Cultural Centers</td>
<td>Lokiriama, Moruanayeche</td>
<td>Number of Museums and community cultural centers initiated</td>
<td>Q1,Q2</td>
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### 4.2.7 PUBLIC SERVICE, DECENTRALISED SERVICES AND DISASTER MANAGEMENT

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Capacity Development</td>
<td>County Wide</td>
<td>Percentage of staff trained</td>
<td>Training Reports</td>
<td>Treasury Planning Procurement Audit Revenue</td>
<td>Q1,Q2</td>
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<tr>
<td>Construction of sub-county and Ward</td>
<td>County Wide</td>
<td>No. offices constructed</td>
<td>BoQs; Drawings; site minutes;</td>
<td>Treasury</td>
<td>Q1</td>
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<tr>
<td>Administration offices</td>
<td>County Wide</td>
<td>No. of Motor Vehicles</td>
<td>Survey Reports</td>
<td>Planning</td>
<td>Q1,Q2,Q3</td>
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<tr>
<td>Personnel need survey.</td>
<td>County Wide</td>
<td>Policy document</td>
<td>Policy document</td>
<td>Treasury Planning</td>
<td>Q1,Q2</td>
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<tr>
<td>Decentralized County Policy</td>
<td>County Wide</td>
<td>Level of awareness</td>
<td>Policy Documents</td>
<td>Treasury Planning</td>
<td>Q2,Q3</td>
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<td>Policy sensitization and dissemination</td>
<td>County wide</td>
<td>Level of public engagement awareness</td>
<td>Reports</td>
<td>Planning</td>
<td>Q1-Q4</td>
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<tr>
<td>Public participation and access to information</td>
<td>County Wide</td>
<td>Plans with integrity programme incorporated</td>
<td>Guidelines; Report</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<tr>
<td>Mainstream Public Sector Integrity programme, Accountability and anti-corruption strategies</td>
<td>County Wide</td>
<td></td>
<td></td>
<td></td>
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<td>Category</td>
<td>Scope</td>
<td>Measurement</td>
<td>Reporting Agency</td>
<td>Reporting Period</td>
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<tr>
<td>Turkana County Drought and Disaster Contingency Fund (CDDCF)</td>
<td>County wide</td>
<td>Study report</td>
<td>Revenue</td>
<td>Q1-Q4</td>
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<tr>
<td>Turkana Multi hazard/Risk Assessment and stake holder capacity mapping</td>
<td>County wide</td>
<td>Amount allocated to CDDCF</td>
<td>Field report</td>
<td>Revenue</td>
<td>Q1, Q2</td>
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<tr>
<td>Regular Assessments of Food, floods, and conflict</td>
<td>County wide</td>
<td>Reports</td>
<td>Field reports</td>
<td>Treasury</td>
<td>Q1-Q3</td>
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<tr>
<td>Turkana County Relief Programme</td>
<td>County wide</td>
<td>Assessment reports</td>
<td>Report</td>
<td>Public service dept.</td>
<td>Q1-Q4</td>
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<tr>
<td>Turkana Cash Transfer Programme at ward level</td>
<td>County wide</td>
<td>% of vulnerable people assisted</td>
<td>Report</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<tr>
<td>Scheme of service</td>
<td>County wide</td>
<td>No. of Households assisted</td>
<td>Progression</td>
<td>Public service dept.</td>
<td>Q1-Q4</td>
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<td>Performance Appraisal</td>
<td>County wide</td>
<td>Existence of personnel scheme of service</td>
<td>Pass reports</td>
<td>Public service dept.</td>
<td>Q4</td>
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### 4.2.8 TRANSPORT, ROADS, HOUSING AND PUBLIC WORKS

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Tarmac Lodwar town roads</td>
<td>Lodwar</td>
<td>Km road network tarmacked</td>
<td>BoQs; Drawings; site minutes; Progress Reports</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<tr>
<td>Gravel rural roads</td>
<td>County wide</td>
<td>Km road network gravelled</td>
<td>BoQs; Drawings; site minutes; Progress Reports</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<tr>
<td>Gravelling of two class D roads</td>
<td>Makutano-Lokitaung, Lokori-Kapelbok</td>
<td>Km road network gravelled</td>
<td>BoQs; Drawings; site minutes; Progress Reports</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<td>Construction of Nawoyaregae/Kapelbok bridge (Flagship)</td>
<td>Nawoyaregae/Kapelbok</td>
<td>Bridge</td>
<td>BoQs; Drawings; site minutes; Progress Reports</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<td>Construction and Renovation of County Departmental Offices</td>
<td>County wide</td>
<td>No. offices renovated</td>
<td>BoQs; Drawings; site minutes; Level of</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<td>Project Description</td>
<td>Location</td>
<td>Work Details</td>
<td>Documents/Reports</td>
<td>Department</td>
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<td>Preliminary works for Lodwar International Airport</td>
<td>Lodwar</td>
<td>Feasibility studies and design works</td>
<td>Site Meetings; PDP’s</td>
<td>Treasury Planning</td>
<td>Q1-Q4</td>
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<tr>
<td>Phase 1 Works for Lodwar Storm water drainage</td>
<td>Lodwar</td>
<td>Feasibility studies and design works</td>
<td>BoQs; Drawings; site minutes; Progress Reports</td>
<td>Treasury</td>
<td>Q1-Q3</td>
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<tr>
<td>Construct &amp; Equip mechanical garage</td>
<td>Lodwar</td>
<td>No. of plant/machinery maintained in-house vs those referred externally</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Treasury</td>
<td>Q1-Q4</td>
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<td>Purchase fire engine</td>
<td>Lodwar</td>
<td>No. of fire outbreaks managed</td>
<td>Asset registers</td>
<td>Procurement Treasury</td>
<td>Q1</td>
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<td>Purchase graders and rollers</td>
<td>County wide</td>
<td>Income generated and actual demand of plant and equipment</td>
<td>Asset registers</td>
<td>Procurement Treasury</td>
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<tr>
<td>Train BodaBoda riders/Capacity Building and</td>
<td>County wide</td>
<td>No. of riders trained</td>
<td>Training Reports</td>
<td>Treasury Planning Procurement</td>
<td>Q1-Q3</td>
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### 4.2.9 PASTORAL ECONOMY AND FISHERIES

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<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
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<tr>
<td>Revival of Turkana Fishermen Co-op. society</td>
<td>Kalokol</td>
<td>Tones of fish sold</td>
<td>Sales records</td>
<td>Fisheries Dept</td>
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<td>Frame survey</td>
<td>County wide</td>
<td>Frame survey reports</td>
<td>Field reporting tools; Reports</td>
<td>Fisheries Dept</td>
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<tr>
<td>Activity</td>
<td>Location</td>
<td>Objective/Details</td>
<td>Source</td>
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<tr>
<td>Demarcation of fish breeding areas</td>
<td>Lake Turkana</td>
<td>Percentage of breeding zones demarcated</td>
<td>Fisheries Dept</td>
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<tr>
<td>Rescue units/BMUs infrastructure and Empowerment</td>
<td>Lake Region</td>
<td>Number of rescue units established</td>
<td>Reports;</td>
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<tr>
<td>Fisheries market infrastructure/fish value addition</td>
<td>Kalokol</td>
<td>No. of market infrastructures established</td>
<td>BoQs; site minutes; Drawings;</td>
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<td>Fisheries livelihood Development support</td>
<td>Kalokol</td>
<td>Amount of funds allocated</td>
<td>Disbursement records; List of beneficiaries</td>
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<tr>
<td>Resource monitoring facilities</td>
<td>County wide</td>
<td>Number of facilities established</td>
<td>Study reports</td>
<td></td>
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<td>Fish Stock Assessment</td>
<td>Kalokol</td>
<td>Stock assessment reports</td>
<td>Field reporting tools</td>
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<tr>
<td>Preliminaries for Lake Turkana Management Authority</td>
<td>Lake Region</td>
<td>Preliminary report</td>
<td>Minutes; Study reports</td>
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119
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Region</th>
<th>Indicator Description</th>
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<tbody>
<tr>
<td>Establish fish hatcheries</td>
<td>Lake Zone</td>
<td>No. of functional hatcheries</td>
<td>Hatcheries; Reports</td>
<td>Fisheries Dept</td>
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<tr>
<td>Construction and stocking of three Strategic feed</td>
<td>County Wide</td>
<td>No of strategic feed reserves established</td>
<td>Drawings; BoQs; Site minutes; Level of completion</td>
<td>Livestock Dept;</td>
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<tr>
<td>Multiplication and breeding centres</td>
<td>County Wide</td>
<td>Percentage of livestock improved</td>
<td>Reports</td>
<td>Livestock Dept;</td>
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<td>Market infrastructure development</td>
<td>County Wide</td>
<td>Number of marketing infrastructure developed</td>
<td>Drawings; BoQs; Site minutes; Progress reports</td>
<td>Livestock Dept;</td>
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<tr>
<td>Promote poultry and beekeeping</td>
<td>County wide</td>
<td>Tonnage of poultry products produced</td>
<td>Sales/Production records</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Livestock extension services support</td>
<td>County wide</td>
<td>Percentage of farmers adopting new farming techniques</td>
<td>Reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Establishment of holding ground (FLAGSHIP)</td>
<td>County Wide</td>
<td>Number of holding grounds established</td>
<td>Reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Activity</td>
<td>Area</td>
<td>Details</td>
<td>Reports</td>
<td>Department</td>
</tr>
<tr>
<td>---------------------------------------------------</td>
<td>-----------------------</td>
<td>--------------------------------------------------</td>
<td>-----------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Rangeland rehabilitation</td>
<td>County Wide</td>
<td>Acreage rehabilitated</td>
<td>Reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Fodder and pastures production, conservation and development</td>
<td>County Wide</td>
<td>Number of acreage under pasture and fodder</td>
<td>Reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Livestock census</td>
<td>County Wide</td>
<td>Census report</td>
<td>Field reporting tools; Report</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Support Lomidat abattoir</td>
<td>Lokichoggio</td>
<td>Amount of money allocated</td>
<td>Disbursement reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Livestock Emergency and restocking</td>
<td>County Wide</td>
<td>Amount of money allocated</td>
<td>Off take reports; Reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Construction of hide and skin tannery</td>
<td>Nadapal</td>
<td>Number of hide and skin tannery</td>
<td>Tanneries; Reports</td>
<td>Livestock Dept;</td>
</tr>
<tr>
<td>Annual Vaccination of livestock at ward level</td>
<td>County wide</td>
<td>Percentage of livestock vaccinated</td>
<td>Field reporting tools; Reports; Vaccination certificates issued</td>
<td>Veterinary Dept</td>
</tr>
<tr>
<td>Mass deworming and treatment of Livestock at ward level</td>
<td>All Wards</td>
<td>Percentage of livestock dewormed and treated</td>
<td>Field reporting tools; Certificates issued</td>
<td>Veterinary Dept</td>
</tr>
<tr>
<td>Diseases surveillance and assessments at ward level</td>
<td>All Wards</td>
<td>Surveillance reports</td>
<td>Reports;</td>
<td>Veterinary Dept</td>
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</tbody>
</table>

121
<table>
<thead>
<tr>
<th>Livestock health Extension (CBAHWs) services</th>
<th>County Wide</th>
<th>Percentage of livestock keepers reached</th>
<th>Reports; Minutes</th>
<th>Veterinary Dept</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veterinary Public Health services (CBAHWs)</td>
<td>County Wide</td>
<td>Livestock diseases incidence</td>
<td>Reports;</td>
<td>Veterinary Dept</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Equip county laboratory</td>
<td>County headquarters</td>
<td>Functional laboratory</td>
<td>BoQs; Drawings; Site minutes; level of completion</td>
<td>Veterinary Dept</td>
</tr>
<tr>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Support livestock emergencies health and production at ward level</td>
<td>All wards</td>
<td>Percentage of healthy livestock</td>
<td>Reports</td>
<td>Veterinary Dept</td>
</tr>
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4.2.10 ENERGY, ENVIRONMENT AND NATURAL RESOURCES

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Description</td>
<td>Location</td>
<td>Description</td>
<td>Reports/ Manuals</td>
<td>Ministry</td>
<td>Quarter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>---------------</td>
<td>--------------------------------------------------</td>
<td>------------------</td>
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<td>---------</td>
<td></td>
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</tr>
<tr>
<td>Establishment of tree nurseries</td>
<td>County Wide</td>
<td>Number of tree nurseries</td>
<td>Reports</td>
<td>MEENR</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forest Gazettlement-Loima</td>
<td>Loima</td>
<td>Number gazette forests</td>
<td>Policy; reports</td>
<td>MEENR</td>
<td>Q1-Q3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aboretum</td>
<td>Lodwar</td>
<td>Arboretum in place</td>
<td>Reports;</td>
<td>MEENR</td>
<td>Q1,Q2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gazettement and protection of Game Reserves</td>
<td>Kibish/Lotikipi</td>
<td>Number of Game Reserves</td>
<td>Reports; Policies</td>
<td>MEENR</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research in developing Agro Forestry technologies</td>
<td>County wide</td>
<td>No. of research conducted</td>
<td>Study reports</td>
<td>MEENR</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research in developing indigenous fruit trees</td>
<td>County wide</td>
<td>No. of research conducted</td>
<td>Study reports</td>
<td>MEENR</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management of Prosopis</td>
<td>Lake Zone, Lokangae and Lokubae</td>
<td>Management manual</td>
<td>Reports; Manual</td>
<td>MEENR</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Micro mining(Small scale miners)</td>
<td>County wide</td>
<td>No. trained and exposed</td>
<td>Training reports</td>
<td>MEENR</td>
<td>Q2-Q4</td>
<td></td>
<td></td>
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<tr>
<td>Engagement with Investors in Energy Sector</td>
<td>Lodwar</td>
<td>Number of meetings held</td>
<td>Minutes</td>
<td>MEENR</td>
<td>Q1-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub-Programme</td>
<td>Location</td>
<td>Monitoring Indicators</td>
<td>Monitoring tools</td>
<td>Implementing unit</td>
<td>Time frame</td>
<td>Status</td>
<td>Remarks</td>
</tr>
<tr>
<td>--------------------------------------------------------</td>
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<td>----------------------------------------------------------</td>
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<td>------------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>Preparation of County Environmental Action plan</td>
<td>County wide</td>
<td>Number of action plans</td>
<td>Reports; Plans</td>
<td>MEENR</td>
<td>Q2-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identification, formation, training and supporting NR Committee</td>
<td>County wide</td>
<td>No. of sensitization sessions</td>
<td>Training reports; Training materials</td>
<td>MEENR</td>
<td>Q2-Q4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scout/Ranger Movement</td>
<td>County Wide</td>
<td>Number of people trained</td>
<td>Training reports; Training materials</td>
<td>MEENR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rural Solar Lighting (Ward level)</td>
<td>All Wards</td>
<td>Percentage of HHs or facilities with solar power</td>
<td>Reports</td>
<td>MEENR</td>
<td>Q1-Q3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction of office</td>
<td>Lodwar</td>
<td>Office building</td>
<td>BoQs; Drawings; Site minutes</td>
<td>MEENR</td>
<td>Q1-Q2</td>
<td></td>
<td></td>
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</table>

4.2.11 LANDS, PHYSICAL PLANNING AND URBAN AREAS MANAGEMENT
<table>
<thead>
<tr>
<th>Land Registration, adjudication and settlement</th>
<th>Lokichoggio, Kakuma, Lodwar and Lokichar</th>
<th>Adjudicated areas Plans and maps</th>
<th>Reports.</th>
<th>Lands dept.</th>
<th>Q1-Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of County Spatial Development Plan</td>
<td>County wide</td>
<td>County Spatial plan draft</td>
<td>Reports; county spatial development plan.</td>
<td>Lands dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Development of Turkana County Land Policy and Regulations</td>
<td>County wide</td>
<td>Efficiency in land governance and management</td>
<td>Land policy regulations; field reports.</td>
<td>Lands dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Compulsory land acquisition for public utilities</td>
<td>County wide</td>
<td>Increased Sites for public use</td>
<td>Allotment letter</td>
<td>Lands dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td>Establishment of land registry and land information database</td>
<td>Lodwar</td>
<td>Land registry and database</td>
<td>Land registry and information database.</td>
<td>Lands dept.</td>
<td>Q1,Q2</td>
</tr>
<tr>
<td>Technical equipment for survey and mapping (Total station, Geoditic GPS and Landcruiser)</td>
<td>Lodwar</td>
<td>Items acquired and in use</td>
<td>Technical designs; Level of completion; minutes; reports.</td>
<td>Lands dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Physical planning of potential towns in the county</td>
<td>Kibish, Katilia, Kalobeyei, Kainuk, Namoruputh, Kaikor, Eliye, Kapedo and Nakurio</td>
<td>Order and development control in towns - increased development applications for approvals</td>
<td>Physical plan.</td>
<td>Lands dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td>Street lighting on major urban and trading centres</td>
<td>Lokori, Lokichar, Kakuma, Lokichoggio, Kalokol and Lokitaung</td>
<td>% of roads with street lights</td>
<td>Reports.</td>
<td>Urban areas management dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Town Management</td>
<td>Lokichar, Kakuma and Lokichoggio</td>
<td>No. of Services provided</td>
<td>Reports and plans; minutes.</td>
<td>Towns management dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Improvement of Moi Garden Stadia</td>
<td>Lodwar</td>
<td>Functionality and frequency of use by public</td>
<td>Reports.</td>
<td>Urban areas management dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Establishment of recreational park and street naming</td>
<td>Lodwar</td>
<td>Functionality and frequency of use by public</td>
<td>Reports.</td>
<td>Urban areas management dept.</td>
<td>Q1-Q4</td>
</tr>
<tr>
<td>Fencing of the ministry’s offices (MoLPUA)</td>
<td>Lodwar</td>
<td>Increased office security</td>
<td>Plans; reports; fence.</td>
<td>Lands dept.</td>
<td>Q1,Q2</td>
</tr>
<tr>
<td>Project Description</td>
<td>Area</td>
<td>Work Description</td>
<td>Supporting Documents</td>
<td>Department</td>
<td>Timeframe</td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>-------</td>
<td>-------------------------------------------------------</td>
<td>-----------------------------------------------</td>
<td>-------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Setting up of dumping site in Lodwar</td>
<td>Lodwar</td>
<td>Reduced solid waste in town</td>
<td>BoQs; Drawings; site minutes; Level of completion; Dump site</td>
<td>Urban areas management dept.</td>
<td>Q1,Q2</td>
</tr>
<tr>
<td>Establishment of a bus park and pavements</td>
<td>Lodwar</td>
<td>Existence of bus park and pavements</td>
<td>BoQs; Drawings; site minutes; Level of completion; Building</td>
<td>Urban areas management dept.</td>
<td>Q1,Q2</td>
</tr>
<tr>
<td>Lodwar Town Beautification Programme</td>
<td>Lodwar</td>
<td>No. of installations to beautify town</td>
<td>Reports; plans; level of completion.</td>
<td>Urban areas management dept.</td>
<td>Q1-Q3</td>
</tr>
<tr>
<td>Garbage Truck</td>
<td>Lodwar</td>
<td>Functional Garbage Truck</td>
<td>Asset register; log-book</td>
<td>Urban areas management dept.</td>
<td>Q1</td>
</tr>
<tr>
<td>Construction of Drainage system of Lodwar town</td>
<td>Lodwar</td>
<td>Length of Drainage trench excavated</td>
<td>BoQs; Drawings; site minutes; Level of completion; Drainage system; minutes; reports.</td>
<td>Urban areas management dept.</td>
<td>Q1</td>
</tr>
<tr>
<td>Street lighting in Lodwar town</td>
<td>Lodwar</td>
<td>Length of roads under street lights</td>
<td>BoQs; Drawings; Level of completion; street lights</td>
<td>Urban areas management dept.</td>
<td>Q1,Q2</td>
</tr>
</tbody>
</table>
### 4.2.12 COUNTY ASSEMBLY

<table>
<thead>
<tr>
<th>Sub-Programme</th>
<th>Location</th>
<th>Monitoring Indicators</th>
<th>Monitoring Tools</th>
<th>Implementing Unit</th>
<th>Time Frame</th>
<th>Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction of New Assembly Building</td>
<td>Lodwar</td>
<td>County Assembly chamber in place</td>
<td>BoQs; Drawings; Level of completion; Site minutes</td>
<td>County Assembly</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction of Speaker’s Residence</td>
<td>Lodwar</td>
<td>Speaker’s residence in place</td>
<td>BoQs; Drawings; Level of completion; Site minutes</td>
<td>County Assembly</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANNEXES

ANNEX 1: COUNTY FACT SHEET
This is a summary of statistics that describe the county at a glance, and was compiled using data obtained from various documents and sources including Kenya National Bureau of statistics, IDC, line ministries among others

Table: Turkana County Fact Sheet

<table>
<thead>
<tr>
<th>INFORMATION CATEGORY</th>
<th>STATISTIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>County Area:</td>
<td></td>
</tr>
<tr>
<td>Total area KM² (KPHC 2009)</td>
<td>68,680.3</td>
</tr>
<tr>
<td>Water mass KM²</td>
<td>6,405</td>
</tr>
<tr>
<td>Gazetted Forests KM²</td>
<td>0</td>
</tr>
<tr>
<td>Non-gazetted Forests (Ha)</td>
<td>20,000</td>
</tr>
<tr>
<td>National Parks/Reserves</td>
<td>2</td>
</tr>
<tr>
<td>Arable land Ha</td>
<td>2,500,000</td>
</tr>
<tr>
<td>Non-arable land KM²</td>
<td>4,368,030</td>
</tr>
<tr>
<td>Total urban areas KM²</td>
<td>1684.3</td>
</tr>
<tr>
<td>No. of towns with population of over 10,000 people</td>
<td>3</td>
</tr>
<tr>
<td>Proportion of county to land area of Kenya (%)</td>
<td>11.81</td>
</tr>
<tr>
<td>Rank in terms of size to other counties</td>
<td>2</td>
</tr>
</tbody>
</table>

Topography and climate

| Lowest altitude (M) metres above sea level | 360 |
| Highest (M) metres above sea level         | 914  |
| Temperature range:                         |     |
| High °C                                    | 41   |
| Low °C                                     | 20   |
| Average temperature °C                     | 30.5 |
| Rainfall:                                  |     |
| High (mm)                                  | 480  |
| Low (mm)                                   | 52   |
| Mean (mm)                                  | 200  |
| Average relative humidity (%)              | 45   |
| Wind speed (Kn/hr) Knots                   | 9    |

Demographic Profiles

<p>| Total population (2012)                     | 1,036,586 |
| Total male population                       | 539,342   |
| Total female population                     | 497,244   |
| Dependency Ratio (%)                        | 31        |
| Sex ratio (M:F)                             | 1: 0.9    |
| Projected population:                       |           |
| Year 2015                                    | 1,256,152 |
| Year 2017                                    | 1,427,797 |
| Infant population:                          |           |
| Female                                      | 2009      | 2012     |
| Male                                        | 7,649     | 9,269    |
| Total                                       | 7,881     | 9,550    |
| Population under five:                      |           |
| Female                                      | 54,049    | 65,497   |</p>
<table>
<thead>
<tr>
<th>INFORMATION CATEGORY</th>
<th>STATISTIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>57,530</td>
</tr>
<tr>
<td>Total</td>
<td>111,579</td>
</tr>
<tr>
<td>Primary school age group (6-13 Yrs)</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>111,089</td>
</tr>
<tr>
<td>Male</td>
<td>123,970</td>
</tr>
<tr>
<td>Total</td>
<td>235,059</td>
</tr>
<tr>
<td>Secondary School age group (14-17 Yrs)</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>39,103</td>
</tr>
<tr>
<td>Male</td>
<td>50,279</td>
</tr>
<tr>
<td>Total</td>
<td>89,382</td>
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<tr>
<td>Youth population (15-29 Yrs)</td>
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<tr>
<td>Female</td>
<td>120,306</td>
</tr>
<tr>
<td>Male</td>
<td>140,694</td>
</tr>
<tr>
<td>Total</td>
<td>261,000</td>
</tr>
<tr>
<td>Labour force (15-64 Yrs)</td>
<td></td>
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<tr>
<td>Female</td>
<td>214,133</td>
</tr>
<tr>
<td>Male</td>
<td>227,846</td>
</tr>
<tr>
<td>Total</td>
<td>441,979</td>
</tr>
<tr>
<td>Female Reproductive Age Group (15-49 Yrs) 2009</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>192,737</td>
</tr>
<tr>
<td>Aged population (65 + Yrs)</td>
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</tr>
<tr>
<td>Female</td>
<td>9,398</td>
</tr>
<tr>
<td>Male</td>
<td>10,401</td>
</tr>
<tr>
<td>Total</td>
<td>19,799</td>
</tr>
<tr>
<td>Eligible voting population (18 + Yrs)</td>
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</tr>
<tr>
<td>Male</td>
<td>238,247</td>
</tr>
<tr>
<td>Female</td>
<td>223,531</td>
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<tr>
<td>Total (County)</td>
<td>461,778</td>
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<tr>
<td>Urban Population:</td>
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</tr>
<tr>
<td>Female</td>
<td>46543</td>
</tr>
<tr>
<td>Male</td>
<td>48482</td>
</tr>
<tr>
<td>Total</td>
<td>95,025</td>
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<tr>
<td>Rural Population:</td>
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</tr>
<tr>
<td>Female</td>
<td>363787</td>
</tr>
<tr>
<td>Male</td>
<td>396587</td>
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<tr>
<td>Total</td>
<td>760374</td>
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<tr>
<td>Population density:</td>
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<tr>
<td>Highest</td>
<td>420</td>
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<tr>
<td>Lowest</td>
<td>1</td>
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<tr>
<td>County</td>
<td>15</td>
</tr>
<tr>
<td>Crude Birth Rate</td>
<td>443/1000</td>
</tr>
<tr>
<td>Crude Death Rate</td>
<td>8.1/1000</td>
</tr>
<tr>
<td>Infant Mortality Rate (IMR)</td>
<td>66/1000</td>
</tr>
<tr>
<td>Neo-Natal Mortality Rate (NNMR)</td>
<td>80/1000</td>
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<tr>
<td>Child Mortality Rate (CMR)</td>
<td>14.6/1000</td>
</tr>
<tr>
<td>Under Five Mortality Rate (U5MR)</td>
<td>72/1000</td>
</tr>
<tr>
<td>Life expectancy: Male</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>54.8</td>
</tr>
<tr>
<td>Average household size</td>
<td>7</td>
</tr>
<tr>
<td>Female headed households</td>
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<td>Children in need of special protection:</td>
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<td>Poverty Indicators</td>
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<td>Absolute poverty:</td>
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<td>Agriculture, forestry, fishing and Mining</td>
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<td>Crop farming:</td>
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<td>Average farm size (Large scale) in ha</td>
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<td>Total acreage under cash crops (Ha)</td>
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<td>Off-farm (Commercial)</td>
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<td>Godowns, Silos (Cereals Board)</td>
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<td>Sheep</td>
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<td>Camels</td>
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<td>Land carrying capacity/Acre</td>
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<td>Quantity (Litres)</td>
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<td>Tilapia</td>
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<td>Mudfish</td>
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<td>King fish</td>
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<td>Average distance to health facility (Km)</td>
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<td>Doctor/population ratio</td>
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<td>Nurse/ population ratio</td>
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<td>Morbidity Rates (%)</td>
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<td>Net Attendance ratio</td>
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<td>1.1 – 4.9KM</td>
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<tr>
<td>Cannot read &amp; write (%)</td>
<td>77.8</td>
</tr>
</tbody>
</table>

**Water and Sanitation**

- Households with access to piped water (No) | 10,875 |
- HH with access to portable water (No)      | 33,237 |
- No. of permanent rivers                    | 1       |
- No. of shallow wells                       | 531     |
- No. of protected springs                   | 10      |
- No. of un-protected springs                | 35      |
- No. of water pans                          | 64      |
- No. of dams                                | 35      |
- No. of boreholes                           | 511     |
- HH with roof catchment systems             |         |
- Mean distance to nearest water point (Km)  | 12      |

**Percentage distribution of households by source of safe drinking water.**

- Safe source                                | 34.3    |
- Unsafe source                              | 65.7    |
- Not stated                                 |         |

**Household’s distribution by time taken (minutes, one way) to fetch drinking water (%)**

- 0                                         | 0       |
- 1 – 4                                      | 10.8    |
- 5 – 14                                     | 11.8    |
- 15 – 29                                    | 17.9    |
- 30 – 59                                    | 30      |
- 60+                                       | 29.5    |

**Number of Water Resource User Associations (WRUA) established** | 25 |

**Households by main mode of Human Waste Disposal (No., KPHC 2009)**

- Flush toilet                              | 577     |
- VIP Latrine                                | 1106    |
- Covered/Uncovered Pit Latrine              | 20,214  |
- Bucket                                    | 67      |
- Bush                                      | 100997  |
- Other                                     | 230     |

**Community distribution by type of waste/garbage disposal (%):**

- Collected by Local Authority               | 0.2     |
- Collected by Private Firm                  | 0       |
- Garbage pit                                | 0.3     |
- Burning                                    | 97.0    |
- Public garbage heap                        | 2.5     |
- Farm garden                                | 0       |
- Neighborhood community group               | 0       |

**Energy**

- Trading centres with electricity (No)      | 3       |
- Health facilities with electricity (No)    | 5       |

**HH distribution by main cooking fuel (%)**

- Collected firewood                         | 80.5    |
- Purchased firewood                         | 8.1     |
- Grass                                     | 0       |
- Paraffin                                   | 1.7     |
<table>
<thead>
<tr>
<th>INFORMATION CATEGORY</th>
<th>STATISTIC</th>
</tr>
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<tbody>
<tr>
<td>Electricity</td>
<td>0</td>
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<tr>
<td>Gas (LPG)</td>
<td>0.4</td>
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<tr>
<td>Charcoal</td>
<td>9.3</td>
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<tr>
<td>Biomass Residue</td>
<td>0</td>
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<tr>
<td>Biogas</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
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</table>

<table>
<thead>
<tr>
<th>HH distribution by main lighting fuel (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collected firewood</td>
</tr>
<tr>
<td>Purchased firewood</td>
</tr>
<tr>
<td>Grass</td>
</tr>
<tr>
<td>Paraffin</td>
</tr>
<tr>
<td>Electricity</td>
</tr>
<tr>
<td>Solar</td>
</tr>
<tr>
<td>Gas (LPG)</td>
</tr>
<tr>
<td>Dry cell (torch)</td>
</tr>
<tr>
<td>Candles</td>
</tr>
<tr>
<td>Biogas</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Households’ distribution by cooking appliance type: (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traditional stone fire</td>
</tr>
<tr>
<td>Improved traditional stone fire</td>
</tr>
<tr>
<td>Ordinary Jiko</td>
</tr>
<tr>
<td>Improved Jiko</td>
</tr>
<tr>
<td>Kerosene stove</td>
</tr>
<tr>
<td>Gas cooker</td>
</tr>
<tr>
<td>Electric cooker</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

| Institutions (schools, hospitals, prisons) using solar energy | 120 |

**Transport & Communication**

- Road length (KM) | 5,496.2 |
  - Bitumen surface | 488.5  |
  - Earth surface  | 5007.7 |
- Airports        | 1       |
- Airstrips       | 22      |
- No. of Telephone connections | 460 |
- Mobile network coverage (%) | 25 |
- No. of private courier services | 4 |
- Number of Post offices | 5 |

**Wholesale and Retail Trade & Industry**

- Trading centres (No.) | 80 |
- Registered retail traders (No.) | 1,530 |
- Registered wholesale traders (No.) | 41 |

**Industry**

- Jua Kali Associations | 1 |
- Jua Kali Artisans    | 60 |

**Tourism**

- Hotels by category:
  - Unclassified hotels | 60 |
  - Bars and restaurants | 32 |

**Financial Services**

- Commercial banks | 3 |
### Annex 3: Indicative Monitoring & Evaluation Impact/Performance Indicators (Milestones)

<table>
<thead>
<tr>
<th>Sub-sector</th>
<th>Situation in 2012</th>
<th>Projection 2015</th>
<th>Projection 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Agriculture and Rural Development</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total acreage under food crops</td>
<td>5739</td>
<td>15,700</td>
<td>20,000</td>
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<tr>
<td>Total acreage under cash crops</td>
<td>0</td>
<td>50</td>
<td>120</td>
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<tr>
<td>Total acreage under soil/land conservation</td>
<td>0</td>
<td>50</td>
<td>120</td>
</tr>
<tr>
<td>Total acreage under farm forestry</td>
<td>0</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Total acreage under organic farming</td>
<td>0</td>
<td>1</td>
<td>2</td>
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<tr>
<td><strong>Livestock Farming:</strong></td>
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</tr>
<tr>
<td>Bee apiaries (No.)</td>
<td>5</td>
<td>15</td>
<td>20</td>
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<tr>
<td>Bee hives (No.)</td>
<td>32,581</td>
<td>36,000</td>
<td>38,000</td>
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<tr>
<td>Milk production (Ltrs)</td>
<td>77,783,164.5</td>
<td>80,800,000</td>
<td>96,560,000</td>
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<tr>
<td>Egg production (No.)</td>
<td>12,500</td>
<td>20,000</td>
<td>60,000</td>
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<tr>
<td>Poultry meat production (kgs)</td>
<td>3,850.50</td>
<td>4576</td>
<td>7330</td>
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<tr>
<td>Honey Production (Kgs)</td>
<td>90,000</td>
<td>120,000</td>
<td>160,000</td>
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<tr>
<td><strong>Forestry</strong></td>
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<td></td>
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<tr>
<td>No. of gazette forests</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Cooperatives</strong></td>
<td></td>
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<tr>
<td>Active cooperative societies</td>
<td>6</td>
<td>15</td>
<td>20</td>
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<tr>
<td>Total Registered membership</td>
<td>8,900</td>
<td>12,000</td>
<td>15,000</td>
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<td>Total turn-over</td>
<td>1,268,974</td>
<td>2,000,000</td>
<td>2,500,000</td>
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<td><strong>Veterinary</strong></td>
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<td></td>
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<tr>
<td>PPR and CCPP control</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small stock vaccinated - PPR</td>
<td>1,500,000</td>
<td>2,520,000</td>
<td>3,550,000</td>
</tr>
<tr>
<td>Small stock vaccinated - CCPP</td>
<td>1,349,338</td>
<td>2,500,000</td>
<td>3,650,000</td>
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<tr>
<td>Integration of Turkana Community Based Animal Health care (CBAHC) project through No. of CAHWs</td>
<td>Nil</td>
<td>20</td>
<td>40</td>
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<tr>
<td>Livestock identification: Branding</td>
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<td></td>
<td></td>
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<tr>
<td>Cattle</td>
<td>120,012</td>
<td>262,000</td>
<td>405,000</td>
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<tr>
<td>Donkeys</td>
<td>25,424</td>
<td>38,000</td>
<td>52,000</td>
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<tr>
<td>Camels</td>
<td>115,149</td>
<td>300,000</td>
<td>500,000</td>
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<tr>
<td>Avian Influenza control:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>No. of Educational Barazas</td>
<td>5</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>No. CAHWs reporting</td>
<td>6</td>
<td>40</td>
<td>40</td>
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<tr>
<td>Livestock Farmers Field Schools (LFFS):</td>
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<td></td>
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<tr>
<td>No. of Agro-pastoralists</td>
<td>25,000</td>
<td>38,000</td>
<td>43,000</td>
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<tr>
<td>No. of Nomadic pastoralists</td>
<td>358,000</td>
<td>280,000</td>
<td>250,000</td>
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<tr>
<td>Sub-sector</td>
<td>Situation in 2012</td>
<td>Projection 2015</td>
<td>Projection 2017</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-------------------</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>CAHWs trained &amp; practicing PATTEC technology?</td>
<td>6</td>
<td>20</td>
<td>40</td>
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<tr>
<td><strong>Health</strong></td>
<td></td>
<td></td>
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<tr>
<td>Beds capacity</td>
<td>914</td>
<td>1200</td>
<td>2000</td>
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<tr>
<td>Doctor/population ratio</td>
<td>1:70,000</td>
<td>1:60,000</td>
<td>1:50,000</td>
</tr>
<tr>
<td>Nurse/population ratio</td>
<td>1:5,200</td>
<td>1:4,000</td>
<td>1:2,000</td>
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<tr>
<td>HIV prevalence (%)</td>
<td>6.9</td>
<td>5</td>
<td>3</td>
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<tr>
<td>Average distance to health facility (km)</td>
<td>50</td>
<td>40</td>
<td>25</td>
</tr>
<tr>
<td>Antenatal care (ANC) (%)</td>
<td>50</td>
<td>60</td>
<td>80</td>
</tr>
<tr>
<td>Health facility deliveries (%)</td>
<td>5.9</td>
<td>15</td>
<td>30</td>
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<tr>
<td>Contraceptive acceptance (%)</td>
<td>11</td>
<td>15</td>
<td>30</td>
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<tr>
<td>Children Immunization (%)</td>
<td>35.3</td>
<td>50</td>
<td>80</td>
</tr>
<tr>
<td>No. of CHWs</td>
<td>0</td>
<td>20</td>
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</tr>
<tr>
<td><strong>HIV/AIDS</strong></td>
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<td></td>
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<tr>
<td>No. of VCT sites</td>
<td>21</td>
<td>30</td>
<td>40</td>
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<tr>
<td>No. of trained counselors</td>
<td>23</td>
<td>55</td>
<td>120</td>
</tr>
<tr>
<td>Crude Birth rate</td>
<td>443/1000</td>
<td>300/1000</td>
<td>200/1000</td>
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<tr>
<td>Crude Death rate</td>
<td>8.1/1000</td>
<td>6</td>
<td>4</td>
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<tr>
<td>Infant Mortality Rate (IMR)</td>
<td>66/1000</td>
<td>60/1000</td>
<td>50/1000</td>
</tr>
<tr>
<td>Under Five Mortality Rate (U5MR)</td>
<td>117/1000</td>
<td>100/1000</td>
<td>87/1000</td>
</tr>
<tr>
<td>Life expectancy</td>
<td>57</td>
<td>60</td>
<td>65</td>
</tr>
<tr>
<td><strong>Nutrition</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAM (%)</td>
<td>22.5</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>SAM (%)</td>
<td>3.1</td>
<td>1.5</td>
<td>1</td>
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<tr>
<td>Exclusive Breastfeeding Rates (%)</td>
<td>12</td>
<td>45</td>
<td>75</td>
</tr>
<tr>
<td>Vitamin Supplementation Coverage (%)</td>
<td>45</td>
<td>60</td>
<td>85</td>
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<tr>
<td><strong>Education</strong></td>
<td></td>
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<tr>
<td>Pre-primary</td>
<td>662</td>
<td>680</td>
<td>700</td>
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<tr>
<td>Teacher/pupil ratio</td>
<td>1:115</td>
<td>1:100</td>
<td>1:80</td>
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<tr>
<td>Total enrolment</td>
<td>101,094</td>
<td>135,213</td>
<td>186,243</td>
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<tr>
<td>Drop-out rate (%)</td>
<td>33</td>
<td>30</td>
<td>25</td>
</tr>
<tr>
<td>Primary</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Teacher/pupil ratio</td>
<td>1.64</td>
<td>1.55</td>
<td>1.50</td>
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<tr>
<td>Total enrolment</td>
<td>84,736</td>
<td>130,000</td>
<td>260,000</td>
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<tr>
<td>Drop-out rate (%)</td>
<td>46</td>
<td>36</td>
<td>26</td>
</tr>
<tr>
<td>Secondary</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teacher/pupil ratio</td>
<td>1:45</td>
<td>1:40</td>
<td>1:40</td>
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<tr>
<td>Total enrolment</td>
<td>4,501</td>
<td>3,200</td>
<td>3200</td>
</tr>
<tr>
<td>Drop-out rate (%)</td>
<td>8</td>
<td>5</td>
<td>4</td>
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<tr>
<td>County literacy level (%)</td>
<td>20</td>
<td>28</td>
<td>40</td>
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<tr>
<td>Population growth rate (%)</td>
<td>6.4</td>
<td>5.0</td>
<td>4.0</td>
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<tr>
<td>Poverty levels (%)</td>
<td>92</td>
<td>86</td>
<td>75</td>
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<tr>
<td><strong>Water and Sanitation</strong></td>
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</tr>
<tr>
<td>Households with access to piped water</td>
<td>15,258</td>
<td>25,000</td>
<td>50,000</td>
</tr>
<tr>
<td>Households with access to potable water</td>
<td>33,237</td>
<td>37,000</td>
<td>42,000</td>
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<tr>
<td>No. of shallow wells</td>
<td>531</td>
<td>650</td>
<td>800</td>
</tr>
<tr>
<td>No. of protected springs</td>
<td>10</td>
<td>25</td>
<td>35</td>
</tr>
<tr>
<td>No. of un-protected springs</td>
<td>35</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>No. of water pans/earth dams</td>
<td>64</td>
<td>80</td>
<td>100</td>
</tr>
<tr>
<td>No. of Sub-surface dams</td>
<td>35</td>
<td>50</td>
<td>80</td>
</tr>
<tr>
<td>No. of Bore holes</td>
<td>511</td>
<td>600</td>
<td>800</td>
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<td>Households with roof catchment systems</td>
<td>5,819</td>
<td>6,000</td>
<td>6200</td>
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<tr>
<td>Average distance to nearest water point (km)</td>
<td>12</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Households with Latrines</td>
<td>22,820</td>
<td>30,000</td>
<td>60,000</td>
</tr>
<tr>
<td>Sub-sector</td>
<td>Situation in 2012</td>
<td>Projection 2015</td>
<td>Projection 2017</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>------------------</td>
<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>No. of Water Resource Users Associations (WRUA) established</td>
<td>25</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Water quality acceptable levels (%)</td>
<td>34</td>
<td>45</td>
<td>50</td>
</tr>
<tr>
<td>Energy</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Trading centers connected with electricity</td>
<td>3</td>
<td>8</td>
<td>15</td>
</tr>
<tr>
<td>Physical Infrastructure</td>
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<tr>
<td>Earth surface (km)</td>
<td>2283</td>
<td>2500</td>
<td>3,000</td>
</tr>
<tr>
<td>Youth Department</td>
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<tr>
<td>No. of registered active youth groups</td>
<td>200</td>
<td>400</td>
<td>800</td>
</tr>
<tr>
<td>No. of youth groups accessing micro-finance credit facilities</td>
<td>40</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>No. youths trained in youth polytechnics</td>
<td>150</td>
<td>300</td>
<td>600</td>
</tr>
<tr>
<td>Instructor/Trainee ratio in Youth Polytechnic</td>
<td>1:30</td>
<td>1:20</td>
<td>1:15</td>
</tr>
<tr>
<td>No. of operational youth empowerment centers</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>No. of sports facilities</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>No. of trained youth counselors on HIV and AIDS</td>
<td>23</td>
<td>55</td>
<td>120</td>
</tr>
</tbody>
</table>

**ANNEX 4: MDG table**

<table>
<thead>
<tr>
<th>MDG goal</th>
<th>Targets</th>
<th>County status</th>
</tr>
</thead>
</table>
| Goal 1: Reduce extreme poverty and hunger    | Target 1.A: Halve, between 1990 and 2015, the proportion of people whose income is less than one dollar a day  
Target 1.B: Achieve full and productive employment and decent work for all, including women and young people  
Target 1.C: Halve, between 1990 and 2015, the proportion of people who suffer from hunger | 92% of Turkana county residents poor  
Food poor population is 72.7%                                                                   |
| Goal 2: Achieve universal primary education   | Target 2.A: Ensure that, by 2015, children everywhere, boys and girls alike, will be able to complete a full course of primary schooling | Transition rate is 38%  
Literacy rate is 2.2%  
Gross enrolment rate is 67%  
Net enrolment ratio 40 %                                                                   |
| Goal 3: Gender equality and women empowerment | Target 3.A: Eliminate gender disparity in primary and secondary education, preferably by 2005, and in all levels of education no later than 2015 | No women was elected to parliament in the county in 2007-2012 term  
Ratio of girls to boys in secondary schools is 1:2                                             |
<p>| Goal 4: Reduce infant mortality               | Target 4.A: Reduce by two-thirds, between 1990 and 2015, the under-five mortality rate | Infant mortality rate stands at 66 deaths per 1,000 live births                 |</p>
<table>
<thead>
<tr>
<th>MDG goal</th>
<th>Targets</th>
<th>County status</th>
</tr>
</thead>
</table>
| **Goal 5: Improve the maternal health**      | Target 5.A: Reduce by three quarters, between 1990 and 2015, the maternal mortality ratio  
|                                              | Target 5.B: Achieve, by 2015, universal access to reproductive health    | Under-five mortality rate stands at 72 deaths per 1,000 live births         |
|                                              |                                                                          | Full immunization coverage of children aged 12-23 months is 80-90%          |
| **Goal 6: Combat HIV/AIDS, malaria and other diseases** | Target 6.A: Have halted by 2015 and begun to reverse the spread of HIV/AIDS  
|                                              | Target 6.B: Achieve, by 2010, universal access to treatment for HIV/AIDS for all those who need it  
|                                              | Target 6.C: Have halted by 2015 and begun to reverse the incidence of malaria and other major diseases | Home deliveries stand at 94%                                                  |
|                                              |                                                                          | Contraceptive acceptance rate 11%                                            |
|                                              |                                                                          | HIV/AIDS prevalence in the county stands at 6.9%                            |
|                                              |                                                                          | 30% of children sleep under a mosquito net                                  |
| **Goal 7: Ensure environmental sustainability** | Target 7.A: Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources  
|                                              | Target 7.B: Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss  
|                                              | Target 7.C: Halve, by 2015, the proportion of people without sustainable access to safe drinking water and basic sanitation  
|                                              | Target 7.D: By 2020, to have achieved a significant improvement in the lives of at least 100 million slum dwellers | Proportion of population with access to safe drinking water is 34.3%         |
|                                              |                                                                          | Nearest water point is 12 Km                                                 |
|                                              |                                                                          | Proportion of population with access to sanitation is 18%                   |
| **Goal 8: Develop a Global Partnerships**    | Target 8.A: Develop further an open, rule-based, predictable, non-discriminatory trading and financial system  
<p>|                                              | Target 8.C: Address the special needs of landlocked developing countries and | __                                                                           |</p>
<table>
<thead>
<tr>
<th>MDG goal for development</th>
<th>Targets</th>
<th>County status</th>
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<tbody>
<tr>
<td>small island developing States (through the Programme of Action for the Sustainable Development of Small Island Developing States and the outcome of the twenty-second special session of the General Assembly) Target 8.D: Deal comprehensively with the debt problems of developing countries through national and international measures in order to make debt sustainable in the long term Target 8.B: Address the special needs of the least developed countries Includes: tariff and quota free access for the least developed countries' exports; enhanced programme of debt relief for heavily indebted poor countries (HIPC) and cancellation of official bilateral debt; and more generous ODA for countries committed to poverty reduction</td>
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