
A Summary of Key Investment Opportunities in Kenya

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FOREWORD

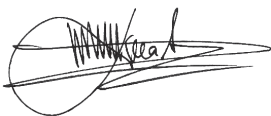
The Third Medium Term Plan 2018-2022 of Kenya Vision 2030 outlines policies, programmes and projects as well as legal and institutional reforms to be implemented during the period. It incorporates the “Big Four” agenda and programmes and projects aimed at achieving the Africa Agenda 2063 and the Sustainable Development Goals (SDGs). The programmes and projects in the MTP III provide various investment opportunities for both local and foreign investors.

Increased trade and investment opportunities in the country will be critical towards implementation of the government’s “Big Four” agenda. This will play a major role in addressing the underlying challenges such as unemployment, poverty and lack of income-generating opportunities especially among youth and women. We believe that the private sector and Development Partners, in collaboration with the Government and the Kenyan people, will be key in achieving the country’s transformative agenda.

The Government has put in place several key legislations to support investment as well as strengthen local capacities toward realization of inclusive growth. The Public Private Partnership Act, 2013 provides for an institutional framework for implementation of public-private agreements. In addition, the Special Economic Zones Act, 2015 provides framework for promoting industrial development in the country. More importantly, the 47 county governments have put in place legislations to promote investment in all sectors at county level. These counties are implementing second generation County Integrated Development Plans which provide several investment opportunities to potential investors.

The Government has implemented several reforms to improve the country’s ease of doing business and targets to improve its ranking to at least position 45 out of 189 from 56 in 2019. The country boasts of developed financial services and infrastructure; stable macroeconomic environment, developed institutions as well as its integration to regional and international economic blocks.

This booklet identifies viable investment opportunities and projects planned for implementation through Public Private Partnerships (PPPs) and Private Sector engagements. The Government welcomes investors to Kenya as an ideal destination of choice for investment and assures all investors of necessary support.



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PREFACE

The Government is implementing the Third Medium Term Plan (MTP 2018-2022) Kenya Vision 2030 whose theme is Transforming Lives: Advancing socio-economic development through the “Big Four”. The plan outlines several programmes and projects to be implemented both at the national and county governments. Successful implementation of programmes and projects will require sizeable financial resources to be met through annual budgetary allocations, engagement of development partners and through Public Private Partnerships (PPP).

The Government through the National Treasury and Planning has packaged viable investment opportunities in the country. Investment opportunities exist in development of infrastructure; generation of power; development of oil, gas and mineral resources; agro-processing; tourism; financial services among others. This publication provides in detail the specific investment opportunities available in each of the key sectors of our economy.

Strategies to improve investment environment in the country have been put in place. These include enactment of necessary legislations and strengthening key institutions to support investment. The State Department for Planning is mandated with formulation of national development plans from which investment opportunities are derived, while Kenya Investment Authority (KenInvest) is charged with profiling and promoting the opportunities.

Let me take this opportunity to thank the Cabinet Secretary, The National Treasury and Planning for his steadfast leadership, my fellow Principal Secretaries for their invaluable support and the technical team that pieced this document together. I also extend my sincere gratitude to the Public Finance Management Reforms Secretariat for the financial support towards production of this document.



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LIST OF ACRONYMS

AGCE	Africa Geothermal Centre of Excellence
ASALs	Arid and Semi-Arid Lands
BMA	Bandari Maritime Academy
BOT	Build Operate Transfer
CBET	Competency Based Education and Training
EAC	East African Community
ENNDA	Ewaso Ngiro North Development Authority
ENSDA	Ewaso Ngiro South Development Authority
EPZA	Export Processing Zones Authority
GDC	Geothermal Development Corporation
GDP	Gross Domestic Product
ICT	Information and Communication Technology
IRR	Internal Rate of Return
ITES	Information Technology Enabled Services
JKIA	Jomo Kenyatta International Airport
KMRC	Kenya Mortgage Refinance Company
KNSL	Kenya National Shipping Line
KOMEX	Kenya National Multi-Commodities Exchange
KoTDA	Konza Technology Development Authority
kV	Kilo-volts
LAPSSET	Lamu Port South Sudan Ethiopia Transport Corridor
LPG	Liquefied Petroleum Gas
MSMEs	Micro and Small Enterprises
MTP	Medium Term Plan
MT	Metric Tonnes
MW	Mega Watts
NIFC	Nairobi International Financial Centre
NMRTS	Nairobi Metropolitan Rapid Transit System
NYS	National Youth Service
NPI	Natural Product Industry
NSCC	National System Control Centre
NSP	National Spatial Plan
PPP	Public Private Partnership
REREC	Rural Electrification and Renewable Energy Corporation
RSS	Road Side Stations

SACCOs	Savings and Credit Co-operatives Societies
SDGs	Sustainable Development Goals
SEZ	Special Economic Zone
SGR	Standard Gauge Railway
SMEs	Small and Medium Enterprises
TARDA	Tana and Athi Rivers Development Authority

1.0 INTRODUCTION

The Kenya Vision 2030 aims to transform Kenya into a newly industrializing, middle-income country providing a high quality of life to all its citizens by the year 2030. The Government is implementing the Third Medium Term Plan 2018-2022 of Kenya Vision 2030 which outlines programmes and projects aimed at achieving the “Big Four” Agenda, Sustainable Development Goals (SDGs) and Africa Agenda 2063. The investment opportunities contained in this publication are critical for national economic growth and development as envisaged in the Vision. The publication therefore provides a summary of key investment opportunities available in the country.

1.1 Location and Key Geographical Features

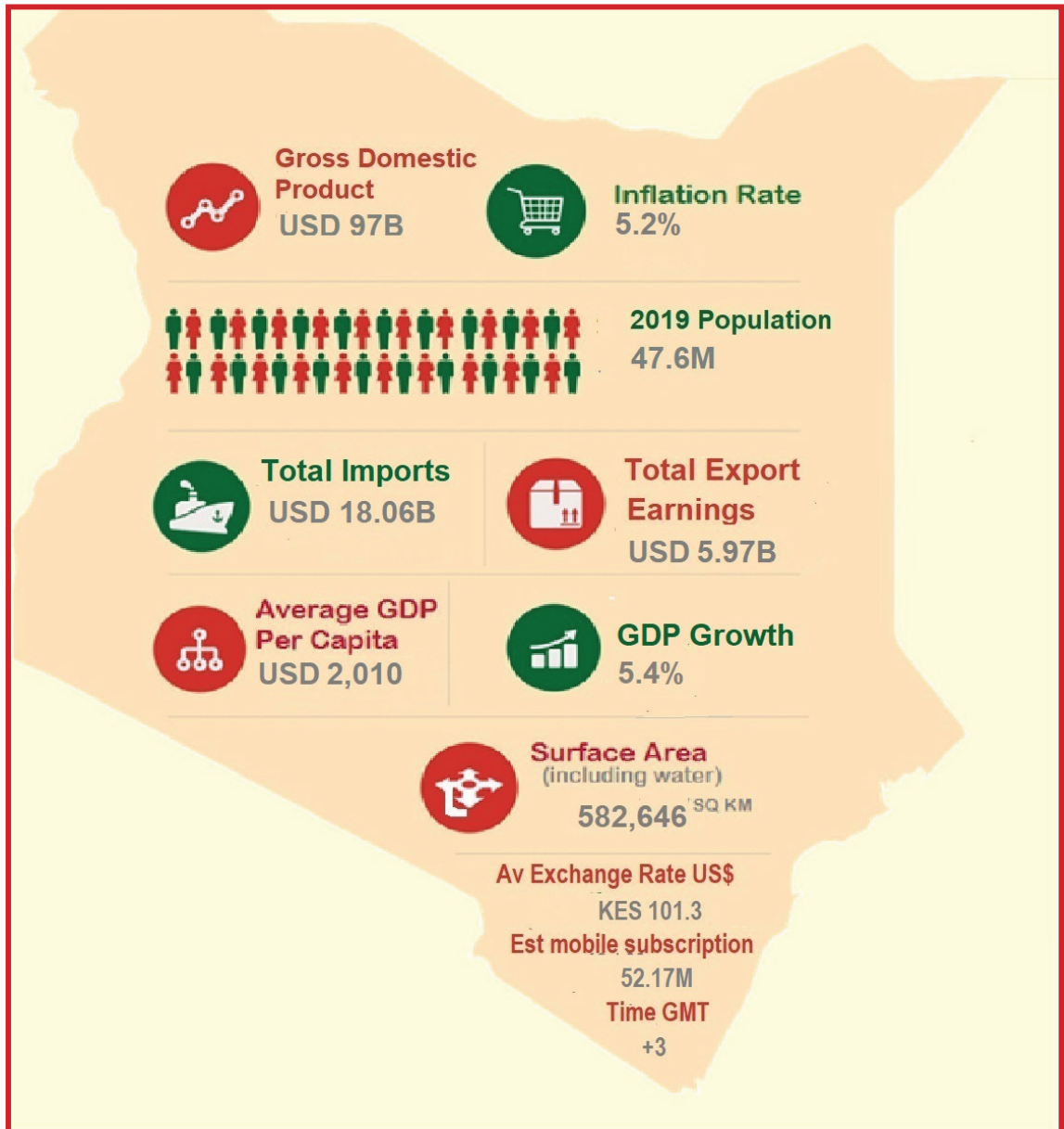
Kenya is located in the Eastern part of the African Continent bordered by Ethiopia and South Sudan to the north; Uganda to the west; Tanzania to the south; Somalia to the northeast; and Indian Ocean to the southeast. The country enjoys tropical climate with sunshine all year round. The temperatures average between 200C to 280C throughout the year.

The country boasts of numerous unique tourist attractions and beautiful landscapes, ranging from the open savannah, coastal beaches, deep tropical forests, a snow-capped mountain, alpine meadows, coral reefs, caves, beaches and river deltas. Kenya is also a haven of natural wonders such as the memorable wildebeest migration. It is also home to the “Big Five” game and has won international acclaim as the authentic wildlife safari destination. The latest Country Brand Index (CBI) reports that 82% of visitors to Kenya demonstrated brand loyalty, with the main contributing factors being the generosity, warmth and hospitality of the Kenyan people.

1.2 Key Economic Indicators

The Kenya Economic Survey 2019 highlights various economic indicators in the country. Some of the key indicators are as illustrated in figure 1.

Figure 1: Key Economic Indicators



1.3 WHY INVEST IN KENYA

- i. Kenya is the largest and the most advanced economy in East and Central Africa; with strong growth prospects supported by investments in infrastructure and an emerging urban middle class. It is ranked the 3rd largest economy in Sub-Saharan Africa with a GDP of USD 88 billion;
- ii. Kenya's investment climate is the strongest in the East Africa Community (EAC), with Foreign direct Investment (FDI) flowing in from emerging and developed markets and a high volume of multinational companies with regional and continent-wide headquartered in the country;
- iii. Kenya is among the 10 most improved economies in the World Bank Ease of Doing Business Report, 2019 from position 80 in 2017 to position 56 in 2019;
- iv. Kenya's geographical location makes the country ideal for strategic partnerships aimed at improving regional and global market share. The country is the logistics, telecoms, financial and diplomatic hub for the region;
- v. Kenya is the dominant economy in the East Africa Community, contributing approximately 50% of the region's GDP and is centrally located in the region, providing investors access to wider consumer market of up to 174 million people in the EAC and 560 million in Common Market for Eastern and Southern Africa (COMESA) region;
- vi. Kenya is a member of several trade arrangements and a beneficiary of trade promotion schemes that include the World Trade Organization, EAC-EU Trade Agreement, Africa Continental Free Trade Area (AfCFTA) and Africa Growth and Opportunity Act (AGOA).
- vii. Kenya enjoys political stability and a favourable investment environment which is supported by the Constitution. The national and county governments work with the private sector as a key partner in the development and growth of the economy;
- viii. Kenya has a well-developed private sector and presents many opportunities for investment in sole and joint ventures, and PPP. The Kenya Private Sector Alliance (KEPSA), Federation of Kenya Employers (FKE), Kenya National Chamber of Commerce and Industry and the Kenya Association of Manufacturers (KAM) play key advocacy roles;
- ix. Kenya has the most developed stock market in the Eastern and Central African region. Nairobi Stock Exchange (NSE) has a market capitalization of USD 23 billion by 2019;
- x. Kenya has a large, highly educated, skilled and trainable work force with population aged 15-64 accounting for 57% of total population;
- xi. Nairobi is ranked 6th in the world's 20 most dynamic cities according to the World Economic Forum City Momentum Index 2018. The City has attractive tourism products,

hospitable and friendly people, quality night life, and hotels and restaurants offering local and international cuisines. Over the next five years, Nairobi is projected to have one of the fastest-growing populations in the world.

- xi. Kenya has an extensive and relatively well developed banking industry, serving the domestic, regional and international markets. There are 41 banks registered in Kenya that include local, regional and global brands. In the 2019 World Bank Ease of Doing Business Report, Kenya is ranked position 8 out of 190 countries in ease of accessing credit;
- xii. Kenya has one of the highest rates of internet access in the continent, with 89.4% (approximately 42.6 Million) of its population having internet access making it ideal for investment in internet driven and knowledge economy;
- xiii. Kenya tops in mobile money penetration globally 100% mobile money penetration (Communication Authority of Kenya Report, 2019);
- xiv. Kenya is firmly interconnected through a network of roads, railways, ports, airports, water ways and telecommunications. Kenya's Jomo Kenyatta International Airport and Mombasa Port are among the busiest in Africa;
- xv. Kenya has the potential to improve its power generation capacity from 2,711 MW in 2018 to 5,000+ MW in the medium term, through focus on geothermal and other green and cost effective energy sources. This will ensure adequate power supply and significantly reduce cost of doing business; and
- xvi. Kenya has put in place supportive legal frameworks to promote investment in the country. The Public Private Partnership Act, 2013 provides a legal framework for Government and private sector investment engagements. The Special Economic Zones Act, 2015 provides enabling environment for the development of all aspects of special economic zones including integrated infrastructure facilities; investment incentives for economic and business activities and removal of impediments to economic or business activities within the Economic Zones. The Mining Act, 2016 and the Mining Regulations, 2018 provides world class incentive for private sector investors. The Nairobi International Financial Centre Act, 2017 seeks to provide the legal framework for the development of an efficient and globally competitive financial sector in the country.

2.0 INVESTMENT OPPORTUNITIES

2.1 Overview

The Third MTP 2018-2022 (MTP III) of Kenya Vision 2030 provides numerous investment opportunities especially in the “Big Four” initiatives, and programmes and projects aimed at enhancing economic growth and attainment of Sustainable Development Goals (SDGs), Agenda 2063 and other regional and international development agendas. In view of limited fiscal space, implementation of the MTP III will leverage on private sector investments including through Public Private Partnerships (PPPs). In this regard, the PPP Unit has been strengthened to attract and engage the private sector and ensure speedy implementation of identified programmes and projects through PPPs.

Key business and investment opportunities exist in the “Big Four” initiatives: In manufacturing the Government targets to increase the manufacturing share of GDP from 9.2 per cent in 2016 to 15 per cent by 2022 and agro-processing to at least 50 per cent of total agricultural output; in the Population, Urbanization and Housing Sector it targets to provide at least 500,000 affordable houses across the country; in Agriculture sector the target is to achieve Food and Nutrition Security (FNS); and, in Health it targets to achieve 100 per cent Universal Health Coverage. Key business and investment opportunities also exist in other sectors of the economy such as tourism; Blue economy; infrastructure; communications (ICT and BPO); financial services; trade; oil, gas and mineral resources; environment, water, sanitation and regional development; and security, peace building and conflict resolution. Specific areas of investment are enumerated below.

2.2 Infrastructure Sector

The Sector comprises of Energy; Transport; Infrastructure; Housing and Urban Development; Shipping and Maritime; and Public Works sub-sectors. Efficient, accessible and reliable infrastructure is an enabler for sustained economic growth and development. It lowers the cost of doing business; improves security; improves livelihoods and the country’s global competitiveness.

2.2.1 Energy Sub-Sector

The country’s installed electricity capacity was 2,711 MW in 2018. It is anticipated that electricity demand will rise due to accelerated consumer connections and numerous economic activities. To meet this projected demand in electricity, the Government through its Medium Term Plan (MTP III, 2018-2022 aims to increase installed capacity to 5,000+ MW by 2022 through increase in capital outlay and distribution infrastructure.

It is envisaged that the private sector will play a key role in providing the required capital either on its own or through Public Private Partnerships (PPP). The projected growth in electricity demand, therefore, presents a golden opportunity to invest in the energy

sector. The Government launched the Kenya Energy Investment Prospectus-2018-2022 which outlines the potential investment areas aligned to the Third Medium Term Plan. The following projects represent key investment areas drawn from the Investment Prospectus.

Geothermal Development

The estimated potential of geothermal energy is approximately 10,000 MW with a total of 672 MW having been developed by 2018. There is great potential to develop additional geothermal energy in Olkaria, Silali, Eburu, Menengai, and Bogoria regions. The Government has invested heavily to support scientific research, drilling and generation of power from geothermal. There are many investment opportunities for potential investors ranging from; supply of equipment and materials; development of steam fields and power plants; and supply of generation equipment to civil engineering and construction. Investor engagement procedures have been simplified through the establishment of a one-stop advisory and investment facilitation service at the Geothermal Development Corporation (GDC).

- i. Name of project : Geothermal Steam Development**
Implementing Agency : Geothermal Development Company and KENGEN (GoK)
Location : Nakuru/Narok Counties
Investment engagement : PPP

Project Description: The projects aim to add 640 MWe geothermal energy for power generation to the national grid from Olkaria VIII, Olkaria IX, Menengai Phase II, Korosi Phase I, Paka Phase I, and Suswa Phase I. This will be achieved through drilling geothermal wells to extract steam from reservoirs formed as rainwater or other water seeps down and reaches hot zones at depths of about 3,000 meters underground and construction of the geothermal plants. The project estimated cost is USD 1,405 million.

- ii. Name of project : Geothermal Wells**
Implementing Agency : Geothermal Development Company and KENGEN (GoK)
Location : Nakuru County
Investment engagement : PPP

Project Description: The projects aims to drill 269 wells for the 640 MWe geothermal energy for power generation to the national grid from 269 Geothermal Wells Drilling (Olkaria Geothermal Field, Menengai Phase III, IV and V, Korosi Phase I, Paka Phase I, Silali Phase I, Suswa Phase I). This will be achieved through drilling geothermal wells to extract steam from reservoirs formed as rainwater or other water seeps down and reaches hot zones at depths of about 3,000 meters underground. The project estimated cost is USD 2,064 million.

- iii. **Name of project** : **Bogoria- Silali Geothermal Project**
Implementing Agency : Geothermal Development Company (GDC)
Location : Baringo and Turkana Counties
Investment engagement : PPP

Project Description: The project aims to add 300MW geothermal energy to the national grid under phase I from Korosi, Paka and Silali fields. This will be achieved through (transmission / evacuation of power to the national grid). Development of the geothermal power plant.

- iv. **Name of project** : **Africa Geothermal Centre of Excellence(AGCE)**
Implementing Agency : Ministry of Energy, GDC and KENGEN
Location : Nakuru County
Investment engagement : PPP

Project Description: The project entails the establishment and operationalization of Africa Geothermal Centre of Excellence (AGCE) aimed at building geothermal human capacity in the country and beyond. This includes: Master Plan development; buildings and constructions for the AGCE laboratory, workshops and related/associated equipment; and curriculum development. The estimated project cost is USD 1,710 million.

Solar Energy

Kenya lies across the equator and receives daily insolation of between 4 and 6 kilowatt-hours per square metre. A vibrant solar energy market has developed in Kenya over the years due to increased demand for affordable and clean energy to supply homes and institutions remote from the national grid. There is also the wider market provided by other member states of the East African Community (EAC) and Common Market for Eastern and Southern Africa (COMESA) regions.

- i. **Name of project** : **Solar PVs Energy projects**
Implementing agency : Kenya Electricity Generation (KENGEN)
Location : Northern Kenya
Investment engagement : PPP

Project description: The Northern Kenya and other arid lands have strong reliable sunshine throughout the year thus providing high potential for investment in solar energy for sale to the national grid. Opportunities also exist in manufacturing of associated components and accessories, such as charge controllers, inverters and Photo Voltaic batteries.

- ii. **Name of project** : **Gitaru Solar Power Generation**
Implementing Agency : KENGEN
Location : Embu County
Investment engagement : PPP

Project description: The project is meant to contribute 42.5MW to the National grid by installing

the new (photovoltaic) PV power plant in Gitaru Eastern Hydros. The main activities will include installation of the solar panels and other related infrastructure. The estimated cost for the project is USD 57 million.

Small Hydropower Development

The Government is keen on promoting development and utilization of small hydro power. The estimated potential of small hydro power is about 3,000 MW. Development of small hydropower plants by private investors has been facilitated by the establishment of the Feed-in Tariffs (FITs) policy. Numerous sites have been identified for hydropower development with high potential in Kirinyaga, Embu, Nyeri, Muranga and Meru counties. The studies are still on-going and site assessments have been done in the five drainage basins of Tana, Athi, Lake Victoria, Rift Valley and Ewaso-Ngiro North. In its effort to increase installed small hydro capacity, the Government has been assisting investors and developers with resource assessments and feasibility studies.

Wind Power Generation

Preliminary wind resource assessment shows that wind regimes in certain parts of Kenya such as Turkana, Marsabit, Meru, Ngong and the Coastal region can support commercial electricity generation as they enjoy wind speeds ranging from 8 to 14 metres per second. The country has the potential to produce over 800 MW of wind power for sale to the national grid. Investment opportunities include:

- i. Name of project** : **Meru Wind (480 MW)**
Implementing Agency : Kenya Electricity Generating Company (KENGEN)
Location : Meru County
Investment engagement : PPP

Project description: The proposed project will be undertaken in three phases of 80MW, 150MW and 250MW. The project provides opportunities for Engineering Procurement and Construction (EPC) Contractor to design, supply, install, test and commission Phase I of the Meru Wind Project. In addition, an equity partner is required for the subsequent phases. Phase I (80MW) has already been awarded and private investors are invited to bid for Phase II and Phase III. The estimated cost is USD 888 million.

- ii. Name of project** : **Kandebene Wind Project**
Implementing Agency : County Government of Meru
Location : Meru County
Investment engagement : PPP

Project description: The project entails development of 50MW wind power in Kangeta hills – Tigania East in Meru County as the area falls under wind class 4-5. The annual revenue projection

is USD 14.45 million, with an estimated payback period of seven years. The estimated cost of the project is USD 100 million.

Bio-Fuel Production

- i. Name of project** : **Bio fuel production**
- Implementing agency** : Ministry of Energy
- Location** : Nationwide
- Investment engagement** : Private Sector

Project description: Kenya requires 77 million litres of ethanol per year for a national 10% (E10) blend at current consumption levels. The demand is projected to grow to 148 million litres by 2030. Opportunities in production and processing of Jetropha and sweet sorghum into bio-fuel exist in Arid and Semi-Arid Lands (ASAL) areas of the country. In addition, consultancy opportunities exist in research work and capacity building in bio-technology and related industrial potential for production of bio-fuels.

Coal Power Development

- i. Name of project** : **Coal Exploration and Development**
- Implementing agencies** : Ministry of Energy (MOE)
- Location** : Kitui and Kwale Counties
- Investment Engagement** : PPP

Project description: Substantial coal deposits have been discovered in Kenya in the Mui Basin, Kitui County with seams of up to a depth of 27 metres and an area of about 500km². Coal mining preparations are at an advanced stage. Coal exploration is scheduled to start in the newly delineated thirty one (31) Blocks which are spread across Kitui County. Further, a nation-wide coal exploration programme has been put in place especially in Taru basin, Kwale County. This presents huge investment opportunities in coal exploration and development.

Power Transmission

- i. Name of project** : **Turkwel - Lokichar 66kV Line**
- Implementing Agency** : Rural Electrification and Renewable Energy Corporation (REREC)
- Location** : Turkana County
- Investment engagement** : PPP

Project Description: Construction of 66/33kV substation at Kalimungorok, 23MVA 66/33kV substation in Lokichar and grid extension of 120km of 66kV line from Turkwel to Lokichar. Estimated project cost is USD 169 million.

- ii. Name of project : Lamu- Kitui – Nairobi East 400kV Transmission**
Implementing Agency : Kenya Electricity Transmission Company (KETRACO)
Location : Lamu, Tana River, Kitui, Machakos, Nairobi Counties
Investment engagement : PPP

Project Description: The project comprises of construction of 540km of 400kV double circuit transmission line and associated substation split in three lots. Lot A comprising the development of 400kV double circuit transmission line from proposed Nairobi East Substation to Kitui and also construction of 20km 220kV double circuit transmission line from the proposed Lamu coal plant to the existing 220kV Lamu (Hindi) Substation. Lot B entails construction of a 400kV double circuit transmission line from Kitui to a Substation near the coal plant in Lamu. Lot C covers the construction of two 400kV/220kV substations in Nairobi East and one in Lamu near the coal plant and extension of the existing substation at Hindi. The estimated project cost is USD 295 million.

2.2.2 Transport Sub-Sector

The subsector aspires to transform transport infrastructure in the country in order to increase competitiveness in business and industry, improve urban environment and promote regional development. This will ultimately improve the socio-economic status of the citizens.

Projects envisaged in the Transport sub-sector are as below:

- i. Name of the Project : Development of Cruise Ship Facilities**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
Location : Kilifi, Kwale and Lamu
Investment Engagement : PPP

Project description: Opportunities exist in development of cruise ship facilities in Malindi (Kilifi), Kwale and port of Lamu, which have a high economic potential given that 75% of tourists are normally destined for the coast.

- ii. Name of the Project : Expansion and Rehabilitation of Airports/ Air strips**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
Location : Nationwide
Investment Engagement : PPP

Project description: There is opportunity on Build Operate and Transfer (BOT) or Build Operate

and Own (BOO) for investors interested in air transport industry in the development of airstrips infrastructure and services in Kenya in tourist circuit areas of Maasai Mara, South Coast and other parts of the country. The estimated project cost is USD 73 million.

- iv. Name of the Project : Development of Maritime Skills**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public works
Location : Bandari Maritime Academy- Mombasa
Investment Engagement : PPP

Project description: Transformation of Bandari Maritime Academy (BMA) to a Maritime centre of excellence will produce the needed maritime skills for employability regionally and globally. This will increase the country’s participation in the maritime sector. There exists investment opportunities for collaboration with established maritime training institutions to offer training on seafaring, maritime finance, ship broking, logistics, port terminal operations and marine insurance. Areas of partnerships/collaborations include financial assistance in form of scholarships, training opportunities on foreign vessels (e.g. on board sea training vessel), and exchange of technical expertise. These will be through signing of agreements/MOUs.

- iii. Name of the Project : Revival of Kenya National Shipping Line**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
Location : Mombasa County
Investment Engagement : PPP

Project description: The Kenya National Shipping Line (KNSL) will be revived to leverage on pre-eminent logistics and be a transportation hub on the eastern seaboard of the African continent. This will entail restructuring of operations and management including settlement of outstanding debts and other liabilities including settlement of disinterested shareholders. The KNSL will also leverage on container terminal 2 and engage a global strategic partner to drive cargo volumes to 2 million Twenty-foot Equivalent Units (TEUs) transhipped at the port of Mombasa from other regional ports for redistribution. The KNSL will initially charter vessels to build sufficient market share and thereafter acquire own vessels through pooling of resources.

- iv. Name of project : Development of Lamu Port**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public works
Location : Lamu County
Investment Engagement : PPP

Project description: The project entails the construction of 29 out of 32 berths and a draft of 18 metres to accommodate larger ships equivalent to 200,000 tons. The first three berths are under

construction through government funding while 29 are available for development through PPP framework. The port will be linked to Ethiopia and South Sudan through a road network and a standard gauge railway. The Government is prioritising sourcing of the operator and equipment for 1st three (3) berths at an estimated cost of USD 240 million and development of additional three (3) berths as outlined in the Port Master Plan. The three berths include: Agri-bulk Terminal, Liquid-bulk Terminal and Special Economic Zone at an estimated cost of USD 163, 61 and 98 million respectively.

- v. **Name of project** : **Development of Highway along the LAPSSET Corridor**
- Implementing Agency** : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works/Kenya National Highways Authority/ LAPSSET Corridor Development Authority
- Location** : LAPSSET Corridor
- Investment Engagement** : PPP

Project description: The project entails development of a highway along the LAPSSET corridor which is planned to run from the Port of Lamu to Isiolo, Isiolo to Nakodok (Kenya/South Sudan border). The road network will provide reliable transport corridor for Ethiopia and Southern Sudan, ease market access, open up Northern Kenya and expand other economic activities The investment opportunity exist in construction of the following road setions: Lamu Port Link Road (10 Kms) – USD 23 million; Garsen- Witu – Lamu (115Km) – USD 110 million; Lamu–Garissa - Isiolo (530Km) – USD 720 million; and Isiolo-Lokichar (368Km – USD 380 million

- vi. **Name of project** : **Development of SGR along the LAPSSET Corridor**
- Implementing Agency** : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works/LAPSSET Corridor Development Authority
- Location** : LAPSSET Corridor
- Investment Engagement** : PPP

Project description: The project entails development of aSGR along the LAPSSET corridor which is planned to run from the Port of Lamu to Isiolo, Isiolo to Nakodok (Kenya/South Sudan border) and Juba (South Sudan), Isiolo to Moyale (Kenya/Ethiopia border) and Addis Ababa (Ethiopia). The rail network will provide critical infrastructure necessary to ease market access and open the areas for expanded economic activities. It is estimated that the economic internal rate of return of the rail will be 17.8%. Investment opportunities include development of: Lamu-Isiolo SGR main line-544.4km single track, Railway Class I (USD 3,511 million); Isiolo-Nairobi SGR main line-278.6km single track, Railway Class I (USD 2,495 million); Isiolo-Nakodok SGR main line-753.2km single track, Railway Class II (USD 4,432 million); Isiolo-Moyale SGR main line-475.9km single track, Railway Class II (USD 3,178 million); and Lamu-Mariakani SGR line-

325.351km single track, Railway Class I (USD 2,573 million).

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|-------------|------------------------------|---|
| vii. | Name of the Project | : Implementation of the Roads Annuity Program |
| | Implementing Agency | : Ministry of Transport, Infrastructure, Housing,
Urban Development and Public Works |
| | Location | : Nationwide |
| | Investment Engagement | : PPP |

Project description: The percentage of paved road in Kenya is estimated at 11.6% out of a total road network of 161,451KM. The Government has prioritized construction of an additional 10,000KM of roads over a period of five years. Development of these roads will open up production areas and facilitate accessibility to market areas. Adoption of Annuity program as an alternative financing mechanism will enable bridge the financing gap towards development of 10,000km and further increase connectivity. The investor will Design-Build-Finance-Operate-Maintain-Transfer (DBFOMT) Scheme. In return, the private developer is compensated via fixed and performance related periodical payments (annuity) by Government from public funds.

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|--------------|------------------------------|---|
| viii. | Name of the Project | : Development of Road Side Stations (RSS) |
| | Implementing Agency | : Ministry of Transport, Infrastructure, Housing,
Urban Development and Public Works |
| | Location | : Nairobi, Kiambu and Nakuru, Kakamega, Uasin
Gishu Counties |
| | Investment Engagement | : Private Sector |

Project description: Kenyan major Corridors such as the Northern Corridor (NC) provides a very low level of service since there are few rest facilities with parking space that can accommodate heavy and large vehicles. Most of facilities used do not meet basic sanitary and hygienic conditions. The investment opportunity exists in establishment of Road Side Stations as part of a strategy to address road safety and health for road users as well as improvement of economic activities of the people living along the corridor. Approximately 17 viable RSS have been identified and design models finalized.

- ix. Name of the Project : Nairobi Metropolitan Rapid Transit System (NMRTS)**
Implementing Agencies : Nairobi Metropolitan Authority, Kenya Urban Roads Authority, Kenya National Highways Authority, Kenya Railways Corporation
Location : Nairobi, Kiambu, Kajiado, Muranga and Machakos Counties
Investment Engagement : PPP

Project description: The Government has developed a transit plan aimed at reducing traffic by integrating a number of transport systems to include a heavy rail, light rail and a bus rapid transit. The plan is to develop nine key railway transport corridors linking the Nairobi Railway Station (NRS) with: Ruiru and Thika; Juja Road to Kangundo; JKIA to Athi River; Langata Road to Karen and Upper Hill to Ngong. Feasibility study has been completed and the preparation of the terms of reference for detailed designs is on-going. The Government seeks partnership to develop and run the commuter service of the Nairobi Commuter Rail including provision of rolling stock. The project is expected to cost USD 138 Million.

- x. Name of the Project : Railway Cities**
Implementing Agencies : Ministry of Transport, Infrastructure, Housing, Urban Development and Public works/Kenya Railways Corporation
Location : Nairobi, Mombasa, Taita Taveta and Kisumu Counties
Investment Engagement : PPP

Project description: The projects involves development of railway cities in Nairobi, Kisumu, Mombasa and Voi. The developments in the proposed cities will include; ultra-modern railway stations, direct rail links with the international airport in the host city, commercial buildings, an industrial park, shopping arcades, malls and restaurants among other facilities. The project will be developed through Build Operate Transfer (BOT), land leases, franchises and Joint-Ventures. The estimated cost of the project is USD 2,150 Million.

- xi. Name of the Project : Development of Ship Building/ Repairs, Container Manufacturing and Repair**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public works
Location : Mombasa and Kisumu
Investment Engagement : PPP

Project description: Development of ship construction and repair industry in Kenya to supply medium sized coastal vessels for coastal transportation and fishing industries. The existing facilities have a dry-dock capacity for vessels up to 170 metres length overall that is not utilized to full

potential. This is besides supporting other sectors value chains in the economy. Effective harnessing of Kenya’s potential requires investment in ship building and repairs. Other opportunities include, container manufacturing and cleaning.

- xii. Name of project : Jomo Kenyatta International Airport (JKIA) – Airport City**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public works
Location : Nairobi County
Investment engagement : PPP

Project description: The project entails the development of an airport city on an 800 acre site using the most eco-friendly and sustainable technology and designs to make one of Africa’s most advanced airport city.

- xiii. Name of project : Rehabilitation of the Voi-Taveta Railway Line**
Implementing Agency : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
Location : Taita Taveta County
Investment engagement : PPP

Project description: This project entails rehabilitation of Voi-Taveta railway line to take advantage of the Standard Gauge Railway (SGR) to promote trade between Kenya and Tanzania. The estimated cost of the project is USD 1.4 billion.

- xiv. Name of the Project : Rehabilitation of Main Meter Gauge Railway Line**
Implementing Agencies : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works
Location : Nairobi, Mombasa and Kisumu Counties
Investment Engagement : PPP

Project description: The project involves rehabilitation of existing 100km railway line, doubling of sections and support infrastructure and provision of rolling stock.

- xv. Name of the Project : Repair, Refurbishment and Maintenance of Railway 20 Passenger Coaches**
Implementing Agencies : Ministry of Transport, Infrastructure, Housing, Urban Development and Public works; and Kenya Railways Corporation
Location : Nairobi, Mombasa and Kisumu Counties
Investment Engagement : PPP

Project description: The project involves refurbishment, repair and maintenance of passenger

rolling stock with an objective of increasing capacity utilization for commuter services at an estimated cost of USD 2.54Million.

- xvi. Name of the project : Development of Affordable Housing in Shauri Moyo and Starehe, Nairobi**
- Implementing Agencies : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works.**
- Location : Nairobi**
- Investment Engagement : PPP**

Project description: Kenya’s housing supply is estimated at 50,000 units annually against a demand of 250,000 units, leaving a deficit of 200,000 units. Cumulatively, there is a backlog of about 2 million housing units. To reduce the backlog, the Government prioritized to facilitate construction of at least 500,000 affordable houses to Kenyans by 2022. Construction of 1,370 housing units are complete in Park road, Nairobi.

The proposed project entails construction of 3,000 housing units and associated infrastructure in Shauri Moyo, Nairobi (32.2 acres); and 5,400 housing units and associated infrastructure in Starehe, Nairobi (20 acres) both in Nairobi; under Public Private Partnership (PPP). Once completed, the government will pay off the investor through off-take agreements and offer the houses for sale to the public. The estimated cost of the project is USD 196 million (USD 125 million for Shauri Moyo and USD 71 million for Starehe).

- xvii. Name of the project : Development of Social Housing in Slums and Informal Settlements**
- Implementing Agencies : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works**
- Location : Nairobi County**
- Investment Engagement : PPP**

Project description: The project entails partnering with investors to upgrade informal settlements in Kibera Soweto Zone B (10 acres) and Mariguini South B (6 acres). The investment opportunity entails construction of housing units and associated physical and social infrastructure as follows: 4,435 units at Kibera Soweto Zone B at a cost of USD 64 million and 2,690 units at Mariguini South B at a cost of USD 41 million. The estimated cost of the project is USD 105 million.

- xviii. Name of the project : Development of Housing units for the Civil Servants Scheme**
- Implementing Agencies : Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works**
- Location : Nairobi County**
- Investment Engagement : PPP**

Project description: Civil Servants Housing Scheme is a revolving Fund that has since inception

benefited about 3,500 Civil Servants out of over 200,000 work force through loans for house construction or purchase. Through the Fund, the government has disbursed about Ksh. 3.7 Billion and constructed 1,183 units for sale to Civil Servants. Over time, the demand has remained overwhelming with more than 85% of applicants missing out on the allocations.

The proposed project entails construction of 1,350 housing units under Public Private Partnerships (PPP) arrangement in 9 sites in the following Counties: Murang'a (150); Kakamega (150); Nyeri (150); Kisii (150); Mombasa (200); Garissa (100); Nakuru (150); Uasin Gishu (150); and Meru (150) Once completed, the units will be offered for sale to Civil Servants. The estimated cost of the project is USD 49 million.

2.3 Manufacturing Sector

The manufacturing sector plays a key role in Kenya's economic growth and development through employment and wealth creation. The goal of the sector is to increase its contribution to GDP from 7.7% in 2018 to 15% by 2022. The sector is one of the 'Big Four' initiatives and will play a key role in the country's economic growth and development by facilitating employment and wealth creation through investments. The Government targets to improve ease of doing business to position 45 out of 189 by 2022 from the current rank of 56 in 2019. FDI inflows are expected to increase to USD 2 billion, in addition to creation of five million additional jobs in the sector by 2022. The following are the investment opportunities in the sector:

- i. Name of the project : Industrial Cluster Programmes**
Implementing agency : Ministry of Industry, Trade and Enterprise Development
Location : Nationwide
Investment engagement : PPP

Project Description: This programme entails two (2) components aimed at increasing industrial investments. These are textiles and apparel manufacturing; and manufacture of leather and leather products. Other investment opportunities include construction of low cost industrial warehouses; hides and skin collection; tanning; finished goods processing; and construction of 3 parks and associated infrastructure.

- ii. Name of the Project : Establishment of Fertilizers and Petrochemicals Industries**
Implementing Agency : Ministry of Industry, Trade and Enterprise Development
Location : Nationwide
Investment Engagement : Private Sector

Project Description: The Petroleum Master Plan outlines the forms and investment opportunities in the sector. The investment opportunities in the oil and gas industry include establishment of fertilizers and petrochemicals industries.

- iii. **Name of the Project** : **Dongo Kundu Special Economic Zone (SEZ)**
Implementing Agency : Ministry of Industry, Trade and Enterprise
Development
Location : Mombasa County
Investment Engagement : PPP

Project description: The Dongo Kundu SEZ in Mombasa is the pilot SEZ in the country. The Master Plan, feasibility study and detailed plans for the project are completed. Investment opportunities exist in development of residential housing and Meeting, Incentives, Conference and Exhibition (MICE).

- iv. **Name of the Project** : **Kisumu Special Economic Zone (SEZ)**
Implementing Agency : Ministry of Industry, Trade and Enterprise
Development
Location : Kisumu County
Investment Engagement : PPP

Project description: Kisumu has been earmarked for development of a special economic zone to spur industrial growth in the lake-side region. Investment opportunities exist in establishment of light industries, components and accessories processing plants as well as artisanal and craft units. The Government has set aside 10,000 acres of land in Muhoroni Constituency for the establishment of the Special Economic Zone and will provide sector-appropriate on-site and off-site infrastructure and utilities.

- v. **Name of the Project** : **Lamu Special Economic Zone**
Implementing Agency : Ministry of Industry, Trade and Enterprise
Development
Location : Lamu County
Investment Engagement : PPP

Project Description: The Special Economic Zone (SEZ) will be established strategically/optimally, adjacent to the port site within the Lamu Metropolis. The development of this SEZ will include establishment of a free trade zone; free port; logistics hub and an industrial zone. It will also entail light industrial development or services focused on low environmental impact/green industries as well as ancillary residential and commercial development.

- vi. **Name of the Project** : **KenGen Green Energy Industrial Park**
Implementing Agency : Ministry of Industry, Trade and Enterprise
Development/KenGen
Location : Nakuru County
Investment Engagement : PPP

Project Description: KenGen Green Energy Industrial Park will cover 1,200 acres for the

development of a world-class mixed use industrial park including various clusters of businesses, services and manufacturing. In particular, KenGen seeks investment in geo-chemical (Silica and Lithium); apparel and textile sector; logistics and data centre.

- vii. Name of the Project : Kenya Leather Park**
**Implementing Agencies : Ministry of Industry, Trade and Enterprise
 Development/Export Processing Zones Authority (EPZA)**
Location : Kenanie, Machakos County
Investment Engagement : PPP

Project description: There are 14 active tanneries across the country with a processing capacity of 2.28 million hides and 18.6 million skins. The leather industry generates USD 100 million annually and is projected to earn 10 times more by exporting processed products compared to the current semi-processed products. In order to promote the leather industry, the Government has set aside 500 hectares of land and initiated provision of the necessary enabling infrastructure for development of a leather industrial park hosting additional tanneries and value addition facilities. The investment opportunities existing under this project are construction of thirty six (36) tanneries in the Leather Park and a common tannery effluent treatment plant; and construction and equipping of eight (8) leather value facilities. The estimated cost of the project is USD 11.8 million.

- viii. Name of the project : Small and Medium Enterprises SMEs
 Parks/Constituency Industrial Development Centres**
**Implementing agency : Ministry of Industry, Trade and Enterprise
 Development/County Governments**
Location : All constituencies (290)
Investment engagement : PPP

Project description: In order to promote industrial dispersion and balanced economic development in the country, the national and county governments in conjunction with the private sector will collaborate in identification of land, infrastructure development and management of SMEs/Industrial Parks. The investment opportunities include construction of sheds, SMEs and industrial parks; establishment of centres of excellence and business support services.

- ix. Name of the projects : Micro Small and Medium Enterprises (MSMEs)
 Development Programmes**
**Implementing agency : Ministry of Industry, Trade and Enterprise
 Development/County Governments**
Location : Nationwide
Investment engagement : PPP

Project description: The investment opportunities include development of Micro and Small

- xiii. Name of the project** : **Modernization of the Numeric Machining Complex (NMC)**
Implementing agency : Ministry of Industry, Trade and Enterprise Development/NMC
Location : Nairobi County
Investment engagement : PPP

Project description: The project aims to drive manufacturing and production of machinery, equipment, automotive parts and industrial steel to support local industries and MSMEs manufacturing capacity. Investment opportunities exist in supply and installation/assembly of: machinery, tools and equipment for enhancement of foundry works and metal fabrication; agricultural machineries; facilities for research and development on design and manufacture of machinery and reverse engineering; and automotive manufacturing facilities. It will also involve upgrade of Computer Numerically Controlled machining facilities.

- xiv. Name of the project** : **Establishment of Two Regional Industrial Training Centres**
Implementing Agency : Ministry of Labour and Social Protection/
National Industrial Training Authority (NITA)
Location : Uasin Gishu and Nyeri Counties
Investment Engagement : PPP

Description of the Project: The project entails establishment of two Industrial Training Centres in Eldoret town (Uasin Gishu County) and Nyeri town. The Centres are expected to contribute to occupational proficiency through the transfer of appropriate skills, competencies and training in development and application of indigenous technology. The project is estimated to cost USD 48 million.

2.4 Financial Services Sector

Achieving the high economic growth and funding key Vision 2030 projects requires an increased mobilization of financial resources. This can be achieved by deepening financial markets, focusing on enhancing financial access, improving efficiency while maintaining financial stability.

- i. Name of the Project** : **Nairobi International Financial Centre (NIFC)**
Implementing Agency : The National Treasury and Planning
Location : Nairobi County
Investment Engagement : PPP

Project Description: The aim of the project is to make Nairobi a major regional hub for financial services and investment. The NIFC will mobilise domestic, regional and international savings and investments to spur sustained economic growth. Opportunities exist in setting up of subsidiary regional and international financial service firms as well as making investments

through companies incorporated in the NIFC, which benefit from attractive incentives such as no restriction on ownership.

2.5 Trade Sector

Trade sector is key to Kenya's economic development agenda and is expected to expand substantially as the economy moves towards a 7 percent growth target of Third MTP (2018-2022). There exists high potential and a vibrant wholesale and retail business in Kenya, with wholesale and retail trade accounting for about 7.6 percent of GDP. Investment opportunities in the trade sector exist in the following areas:

- i. Name of the Project : Refurbishment of Warehousing Facilities**
Implementing Agency : Ministry of Industry, Trade and Enterprise Development/Kenya National Trade Corporation (KNTC)
Location : Nairobi County
Investment Engagement : PPP

Project description: The project entails modernization of existing KNTC warehouses. There are several investment opportunities including structural upgrading of the warehouses; rebranding of warehouses; equipping the warehouses with laboratories for quality assurance for standards' compliance and installation of storage facilities to ease supply chain logistics. The estimated cost of the project is USD 2 Million.

- ii. Name of the project : Construction of a Model Tier 1 Retail Market**
Implementing Agency : Ministry of Industry, Trade and Enterprise Development
Location : Machakos County
Investment Engagement : PPP

Project description: The project entails establishment of a multi-lane outlet offering a variety of high quality goods and services. Investment opportunities exist in design and construction of a fully equipped-integrated mega retail market on 50 acres of land at Athi-River, Machakos County.

- iii. Name of the project : World Trade Centre and International Exhibition and Convention Centre**
Implementing agency : Ministry of industry, Trade and Enterprise Development
Location : Nairobi County
Investment engagement : PPP

Project description: The project entails establishment of a World Trade Centre (Kenyan Chapter),

International Exhibition and Convention Centre. Opportunities exist in conducting feasibility study on the establishment of the World Trade Centre in Nairobi; and resourcing and development of the physical exhibition and Convention Centre.

- iv. **Name of the project** : **Construction of a pilot Wholesale Hub**
Implementing agency : Ministry of Industry, Trade and Enterprise
Development
Location : Maragua - Muranga County
Investment Engagement : PPP

Project description: This project will involve construction of a fully equipped integrated mega producer wholesale market mainly for agricultural and fish products. Investment opportunities include: construction and provision of the cold storage facilities; warehouses; sorting, grading and packaging facilities; quality testing facilities; parking and loading infrastructure; banking services; waste and refuse treatment facilities; and amenities for bulk weighing. The project is estimated to cost USD 43.5 million.

- v. **Name of the Project** : **Kenya National Multi-Commodities Exchange (KOMEX)**
Implementing Agency : Ministry of Industry, Trade and Enterprise
Development
Location : Nairobi County
Investment Engagement : PPP

Project Description: This is a platform where various agricultural and non-agricultural products will be traded. KOMEX will be regulated by the Capital Markets Authority. KOMEX will launch a physical warehouse with commodities under a warehouse receipt system. The private sector is set to benefit through injecting private finance for returns in the establishment of the KOMEX.

- vi. **Name of project** : **Construction of Shared Jumuiya Border Markets**
Implementing Agency : Ministry of East Africa Community and
Regional Development
Location : Busia, Taveta and Isebania Borders
Investment Engagement : PPP

Project description: The project involves construction of three (3) shared border markets with an integrated model to cater for both retailers and wholesalers. The retail section will cater for small-scale low-value traders with an occupancy of 80% while the remaining 20% will be for wholesale to cater for large-scale high value traders. The aim of these markets is not only to increase trade flows between the Republic of Kenya and the Republics of Uganda and Tanzania, but also integrate small scale traders to international trade and offer a one-stop shop for merchandise and bulk order.

2.6 Sports, Culture and the Arts Sector

2.6.1 Sports Sub-Sector

The sub-sector seeks to harness, develop and manage sports and support sports organizations, sports bodies and professional sports persons for improved economic status by endeavoring to collaborate with the relevant investment actors in order to make the country a better place through the power of sports. Investment opportunities in the sports sub-sector exist in the following areas:

- i. Name of the project** : **Regional Sports Academies**
Implementing Agency : Ministry of Sports, Culture and Heritage.
Location : 10 Counties
Investment Engagement : PPP

Project Description: The project involves establishment of 10 regional sports academies in 10 counties. The academies, which are aimed at searching, nurturing and development of sports talents at the grassroots, will comprise hotels, indoor sports facilities, administration blocks, and pitches. The project has both commercial benefits and employment creation especially for the Kenyan youth, promotion of talent and foreign exchange earnings for the Government.

- ii. Name of the Project** : **Development of Sports Stadia and facilities**
Implementing Agency : Ministry of Sports, Culture and Heritage
Location : 6 Counties
Investment Engagement : PPP

Project description: The project aims to provide adequate and well maintained sports and recreation facilities for training and competition, thus, creating an enabling environment for talent development and exposure to international championships. It involves construction of six (6) National Sports facilities and Stadia in Nairobi, Mombasa, Garissa, Uasin Gishu, Kisumu and Nakuru Counties. The estimated cost of the project is USD 600 million.

2.6.2 Culture and Arts Sub-Sector

Kenya is a multi-cultural society endowed with a rich and diverse cultural heritage. There is untapped potential in the culture and arts domains, with huge potential to generate income. Investment in these areas will also provide social benefits such as cultural heritage, theatres, promotion and marketing of arts and music. Projects envisaged in the Culture and Arts sub-sector include:

- i. Name of the project : International Arts and Culture Centre**
Implementing Agency : Ministries of ICT and Youth Affairs, and Sports, Culture and Heritage
Location : Nairobi County
Investment Engagement : PPP

Project Description: This entails establishment of an international centre that will be used for development of youth potential and nurture talent among the youth in music, arts and theatre. The Centre will house the International Hall of Fame and provide showrooms, exhibition and performance halls for marketing and showcasing Kenya’s cultural goods and services. It will also serve as a meeting point for artistic activities at local, regional and international levels. The cost of investment will be recouped through the various commercial generating aspects that include hire of halls and offices, ticket sales for showrooms, exhibitions, and theatres amongst others. The estimated cost of the project is USD 30.9 million.

- ii. Name of the project : Natural Product Industry (NPI) Initiative**
Implementing Agency : Ministry of Sports, Culture and Heritage.
Location : Nationwide
Investment Engagement : PPP

Project description: The initiative seeks to add value to our indigenous knowledge and associated technologies to generate locally derived products. Investment opportunities exist in production of nutritional products, personal care, household care, pharmaceuticals/medicinal, organic fertilizers and ethno-veterinary. The estimated cost of the project is USD 4.8 million.

- iii. Name of the project : Expansion of the Kenya Film School**
Implementing Agency : Ministry of ICT and Youth Affairs
Location : National
Investment Engagement : PPP

Project description: The Project aims at promoting indigenous Kenyan creativity and production of talent and increasing domestic Kenyan content on local television to 60 per cent. Investment opportunity exists in expansion of the Kenya Film School that will also serve as a regional hub for nurturing African and international talents. The estimated cost of the project is USD 7.2 million.

2.7 Information and Communication Technology Sector

The Kenya Vision 2030 identifies the Information and Communication Technology (ICT) Sector as a foundation for socio-economic transformation. The Sector registered an average annual growth rate of 10% over the last 10 years and is recognized as one of the fastest growing in Africa. The Government of Kenya invites strategic partnerships towards facilitating development of key ICT infrastructure, e-Government services and capacity building among others. Available investment opportunities in the sector include:

- i. **Name of Project** : **National Optic Fibre Backbone Infrastructure**
Implementing Agency : Ministry of ICT and Youth Affairs
Location : Nationwide
Investment Arrangement : PPP

Project Description: The project entails laying of optic fibre infrastructure in all sub counties and public institutions such as schools, hospitals, police stations and Huduma Centres to provide connectivity to national systems which enables access to Government services through online platforms such as e-Citizen, IFMIS, and IPPD. It will also include maintenance/rehabilitation of already laid down fibre infrastructure.

- ii. **Name of Project** : **e-Waste Management Centres**
Implementing Agency : Ministry of ICT and Youth Affairs
Location : Nairobi, Mombasa, Nakuru and Kisumu counties
Investment Arrangement : Private Sector

Project description: The project involves establishment of e-waste centres in Nairobi, Mombasa, Nakuru and Kisumu counties to collect, dispose or recycle e-waste. The growth in the Sector has resulted in a lot of e-waste from obsolete equipment such as mobile phones, computers, chargers, batteries and many others.

2.8 Business Process Outsourcing Sector

Business Process Outsourcing/Information Technology Enabled Services (BPO/ITES)/ is a priority sector under the Economic Pillar of the Kenya Vision 2030 that is envisaged to create over 200,000 jobs and contribute over 10 per cent to GDP. The Government continues to implement various initiatives which include: improving universal access to ICTs; promotion of the BPO/ITES; capacity building; development of digital content; roll out of e-government services; and development of the ICT industry and innovation. These initiatives are geared towards creating a favourable investment environment for the growth of the ICT market.

- i. **Name of the Project** : **Konza Technology City**
Implementing Agency : Konza Technology Development Authority (KoTDA)
Location : Makueni County
Investment Arrangement : PPP/Joint Ventures

Project description: The Government established Konza Technology Development Authority (KoTDA) in 2013 to oversee development and management of Konza City. Approximately 5,000 acres of land for the development of the city have been acquired to be leased to investors through

a 99-year ground lease. Development of horizontal infrastructure is ongoing with construction of water supply, installation of electricity to the site and construction of two (2) sub stations to guarantee adequate and stable power supply. Konza Technology City has been given Special Economic Zone status under the Special Economic Zones Act 2015 to provide incentives for the BPO/ITES sector

Investment opportunities are available in the following areas: Ready built structures to house BPO and ITES; Commercial office space and hotels; Real estate – including residential, large scale commercial shopping malls, recreation and entertainment facilities; Film and Media City; Financial District Centre; Data centre; community support services including hospitals, health-centre, clinics, green space, educational institutions, university, research centre and convention centre; and world class ICT infrastructure. The estimated cost of the project is USD 14.5 billion.

- ii. **Name of the Project** : **Multi Media Technology Parks and Incubation Centres**
Implementing Agency : Ministry of ICT and Youth Affairs
Location : Nationwide
Investment Arrangement : PPP

Project description: The purpose of the project is to build the foundation for Kenyan dominance in the African media industry and to create employment for youths with creative and technical skills in the media industry. The project will entail construction of Multi Media Technology Parks and Incubation Centres in the 47 Counties.

- iii. **Name of Project** : **ICT Incubation Hubs**
Implementing Agency : Ministry of ICT and Youth Affairs
Location : Nationwide
Investment Arrangement : PPP

Project Description: The project entails establishment of incubation centres across all the 47 counties. It also involves equipping innovators with appropriate skills to run competitive businesses, structure their business plans, commercialize and outsource innovations, patenting and copywriting their ideas, developing export marketing plans, capacity building innovators with financial skills and developing governance structures.

- iv. **Name of Project** : **Ajira Digital Programme**
Implementing Agency : Ministry of ICT and Youth Affairs
Location : Nationwide
Investment Arrangement : PPP

Project Description: The purpose of this programme is to outsource jobs from abroad and employ Kenyan youth to work online. The project entails establishment of facilities equipped

with computers and internet (Studio Mashinani) at the community or local level.

2.9 Tourism Sector

Kenya is one of the world's popular tourism destinations due to its natural attractions, unique historical and archaeological sites, improved touristic infrastructure and its tradition of hospitality. In 2019, Kenya's international arrivals stood at over two million with earnings of Ksh.163 billion. The tourism industry is key in driving economic growth and alleviating poverty. The priorities in the sector are:

- | | | |
|-----------|------------------------------|--|
| i. | Name of Project | : Development of Tourists Resort Cities |
| | Implementing agency | : Ministry of Tourism and Wildlife |
| | Location | : Isiolo, Lamu and Turkana Counties |
| | Investment Engagement | : PPP |

Project description: The Resort Cities Project is a component of the LAPSSSET which comprise of the Railway, Highway and local Airports network. The Resort Cities aims at diversification of tourism products as well as spread the benefit of tourism to the unexploited regions of the country. Investment opportunities include: accommodation facilities, shopping malls, sports facilities, amusement parks among others.

Isiolo Resort city is premised on a rich bio diversity and habitation to rare and endangered wildlife species. It will leverage on the 5 National Parks/Reserves and internationally renowned private and community conservancies within the vicinity of the project site. The estimated cost of the project is USD 200 million

Turkana Resort City is proposed to be located at Eliye Springs on the shore of Lake Turkana and in close proximity to Central Island National Park; Sibiloi National Park; Southern Island National Park; Eliye Springs; and Loiyangalani sites. The estimated cost of the project is USD 42 million.

Lamu Resort City is proposed to be located at Mokowe and is premised on the rich cultural history including the Swahili village, beaches, unique cultural identity, world heritage sites and national reserves/parks. The construction of the resort city is expected to make Lamu one of the leading tourist destinations in the world. The estimated cost of the project is USD 970 million

The process of procuring land for Isiolo and Turkana Resort City has been initiated under LAPSSSET Programme, while master planning of the Lamu Resort City and Metropolis is ongoing.

- | | | |
|------------|------------------------------|---|
| ii. | Name of Project | : Nairobi International Convention and Exhibition Centre |
| | Implementing agency | : Ministry of Tourism and Wildlife |
| | Location | : Nairobi County |
| | Investment Engagement | : PPP |

Project description: The project involves the development of a world class premier venue

for Meetings, Incentives, Conferences and Exhibitions (MICE) catering for local, regional and international events. The convention facility will involve construction of 2,500 seat plenary hall, exhibition hall and a precinct parking lot. It will also include a cultural centre and a state of the art 200 room 5-star and 200 room 3-star hotels.

The financial viability assessment has been carried out based on the assumptions that debt to equity ratio remains unchanged at 70:30 at all times; a CAPEX grant of up to 25% of the project cost for the Convention Centre; and a 20-year concession limit. Approximately 81 acres of land is available for the project and is close to various touristic attraction sites such as the Nairobi National Park, the Giraffe Centre and the Karen Blixen Museum. The project is estimated to cost USD 108 million.

- iii. **Name of Project** : **New Kenyatta International Convention Centre Tower**
 - Implementing agency** : Ministry of Tourism and Wildlife
 - Location** : Nairobi County
 - Investment Engagement** : PPP

Description of the Project: The project will entail development of a new mega and modern convention centre with a capacity to host up to 10,000 delegates. It will also include other facilities like shopping centre, restaurants, parking space and modern exhibition halls. This aims to boost Kenya’s position as a leading international convention hub. The estimated cost of the project is USD 123 million.

- iv. **Name of Project** : **Mombasa International Convention Centre**
 - Implementing agency** : Ministry of Tourism and Wildlife
 - Location** : Mombasa County
 - Investment Engagement** : PPP

Project description: The convention centre will be built at the current site of Mombasa Beach Hotel and will comprise several meeting rooms with capacity of 5,000 delegates. The Centre will also have office space, casino, parking lots, conference rooms and restaurants. This will position the country as both leisure and business destination. The estimated cost of the project is USD 80 million.

- v. **Name of Project** : **Shanzu Creek Tourism Development City**
 - Implementing agency** : Ministry of Tourism and Wildlife
 - Location** : Shanzu, Mombasa County
 - Investment Engagement** : PPP

Project description: This is a proposed new tourism city that is to be developed on approximately 600 acres of land in Shanzu. Investment opportunities in the city will comprise world class hotels, amusement parks, aquarium as well as cable car for epic views of the creek.

- vi. **Name of Project** : **Fun City**
Implementing agency : Ministry of Tourism and Wildlife
Location : Kiambu County
Investment Engagement : Private Sector

Project description: The Fun City is a world class amusement and heritage park within 40 kilometres from Nairobi city centre. This will be a must see tourist attraction for both local and international tourists while providing wholesome entertainment for the whole family. The project will be set on 100 acres of land and features five distinct parks set. The city will feature theme park, water park, adventure park, beauty park, heritage park, solar farm and African heritage (5/4 Star hotel). The private project will be financed through a mix of debt and equity.

- vii. **Name of Project** : **Cable Car Project**
Implementing agency : Ministry of Tourism and Wildlife/County Governments
Location : Baringo, Elgeyo Marakwet, Vihiga Counties
Investment Engagement : PPP

Project description: Kenya is endowed with a topographic view interlinking mountain tops, escarpments, and hills setting the stage for cable car development. The project seeks to develop Kerio Valley Cable Car along Lake Kamnarok National Reserve in Baringo and Kamariny stadium at the escarpment in Iten, Elgeyo Marakwet. It will also involve developing a cable car project in Vihiga County with breath taking scenery of Lake Victoria.

- viii. **Name of project** : **Development of a Modern Conference Centre and 5-star Hotel**
Implementing Agency : Taita-Taveta County Government
Location : Taita-Taveta County
Investment engagement : PPP

Project description: The project will comprise a convention centre with a capacity of 1,000 delegates, combined with a luxury hotel of 200 rooms and a vacation resort nestled in the Taita hills. The proposed project seeks to transform Voi town into a premier conference destination. The project will take advantage of rich and distinct tourism attraction sites as well as the expected easy access to Voi via the Standard Gauge Railway and the Ikanga Airstrip. The estimated cost of the project is USD 50.65 million.

- ix. **Name of Project** : **Paga Beach Amusement and Heritage Park**
Implementing agency : Ministry of Tourism and Wildlife/ Kisumu County Government
Location : Kisumu County
Investment Engagement : PPP

Project description: The project will entail development of a world class amusement and

heritage beach park approximately 21 kilometres from Kisumu city. The proposed development will feature several distinct parks set up on 10 to 15 acres. The project will involve development of Theme Parks, Water Park, adventure (action) park, Heritage Park and African Heritage Park. The County Government proposes an agreed shareholding with an investor within a Special Purpose Vehicle (SPV).

2.10 Agriculture and Livestock Sector

2.10.1 Crop Development Sub-Sector

This sub-sector contributes on average 27 per cent to the country's Gross Domestic Product. It also contributes indirectly to GDP through linkages with other sectors such as agro-based manufacturing, transport, wholesale and retail trade. In addition, it contributes approximately 75% of industrial raw materials, 65% of export earnings and 60% of the total employment. The sub-sector plays a major role in reducing the cost of food, alleviating poverty and aims at ensuring food and nutrition security for all Kenyans as envisaged in the "Big Four" agenda. Investment opportunities in agriculture exist in: manufacturing and production of inputs; food production to bridge existing gap; and agro-processing and value addition. Specific investment opportunities include:

- i. **Name of project** : **Promotion of Rice Value Chain**
Implementation Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Rice Growing Counties
Investment engagement : PPP

Project Description: The project targets to produce an additional 70,000 MT of rice annually. The current annual production is 150,000 MT against consumption of 540,000 MT. The investment opportunities include irrigation infrastructure development; input provision (fertilizer, seeds, and agrochemicals); sale and lease of agricultural machinery in the rice value chain; rice milling; and value addition of rice and by products. The estimated cost of the project is USD 250 million.

- ii. **Name of project** : **Establishment of Agro and Food Processing Hubs**
Implementation Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nationwide
Investment Engagement : PPP

Project Description: Kenya grows a variety of agricultural crops out of which 16% of agricultural produce is processed leaving a huge percentage (84%) unprocessed. In this regard, the country has potential to increase its agro- and food-processing, and value-addition capacity. Investment

opportunities exist in establishing Six (6) large-scale agro and food processing hubs across the country through a rapid Public-Private-Partnership (PPP) process targeting both domestic and export markets. The estimated cost of the project is USD 13.28 million.

- iii. Name of project** : **Establishment of Warehouses and Cold Chain Storage**
- Implementation Agency** : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
- Location** : Nationwide
- Investment engagement** : PPP

Project Description: The project aims at establishing Warehouses and Cold chain storage facilities from farm to markets (Domestic & Exports). Agricultural produce suffers from large post-harvest and cold chain storage losses and waste of up to 25% of the produce. There are no cold storage facilities close to the production areas and the ones at exit points (Airports & sea port) are inadequate. Investment opportunity exists in development of cold storage infrastructure and transport facilities. In addition, investment opportunities exists in development of warehouse facilities to meet the existing supply gap.

- iv. Name of project** : **Large Scale Crops and Feed Production**
- Implementation Agency** : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
- Location** : Nationwide
- Investment engagement** : PPP

Project Description: The project aims at putting additional 700,000 acres under maize, potatoes, rice, cotton, aquaculture and feeds production through PPP. This will involve utilizing and leasing out public and institutional land to private investors for increased production. The Government will give incentives to large scale private farms to increase acreage under food and livestock feeds production.

- v. Name of project** : **Promotion of Sorghum Value Chain**
- Implementation Agency** : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
- Location** : Nationwide
- Investment engagement** : PPP

Project Description: The project aims at promoting large scale production of sorghum including through irrigation to meet rising demand for food, feed, fuel, export and industrial beer production. The sorghum processing industry in Kenya is still in infancy stage but with huge potential for growth. Investment opportunity exists along the entire sorghum value chain and especially in mechanized production and threshing.

- vi. Name of project : Crop Insurance**
Implementation Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nationwide
Investment engagement : Private Sector

Project Description: The project aims at managing risks and losses amongst smallholder farmers, increasing productivity in agriculture through improved access to credit and higher yielding technology such as use of certified seed and fertilizers. This will support the transition from subsistence to commercially oriented agriculture. Investment opportunity exists in provision of agricultural insurance services. The estimated cost of the project is USD 25 million.

- vii. Name of project : Commercialization of Agricultural Research**
Implementation Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nationwide
Investment engagement : PPP

Project Description: The project aims at putting into use existing and new agricultural technologies and innovations. This will promote the commercialization of viable technologies through incubation centres and innovations. The investment opportunities include investment in incubation centres and innovations; and investment in a big data platform to enhance increased and easy access to agricultural research information.

2.10.2 Livestock Sub-Sector

Kenya's animal resource base comprises of 15.7 million cattle, 28 million goats, 19.3 million sheep, 4.6 million camels, 30.3 million indigenous poultry, 5.6 million layers, 2.9 million broilers, 1.2 million other poultry (Turkeys, Ducks, Quails, Guinea fowl, Geese, Pigeons and Doves), 1.2 million donkeys, 0.4 million pigs and an undetermined number of companion, game and aquatic animals. Investment opportunities that exist in the livestock value chain include:

- i. Name of project : Establishment of Meat Processing Facilities/ Abattoirs**
Implementing agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives/County Governments
Location : Nationwide
Investment engagement : PPP

Project Description: The project aims at enhancing value addition of livestock products. Investment opportunities exist in establishment of meat processing facilities, transport cold chain, commercial ranching and feedlots. The Government is in the process of establishing Disease Free

Zones that will facilitate the development of export meat processing abattoirs for regional and international markets. In addition, there exists investment opportunities in setting up medium to large scale processing facilities to handle poultry, pig and other emerging livestock products for both local and export market.

- ii. **Name of project** : **Establishment of Milk Processing Facilities**
Implementing agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives / County Governments
Location : Nationwide
Investment engagement : PPP

Project Description: The project aims at providing milk processing and storage facilities to reduce post-harvest losses and increase milk value addition. Investment opportunities exist in: dairy mechanization, value addition, preservation and processing of milk and milk products and establishment of cooling plants/coolers to address post-harvest losses.

- iii. **Name of project** : **Livestock Certified Breeds Production Facilities**
Implementing agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nationwide
Investment engagement : Private Sector

Project Description: The project aims at improving livestock production through distribution of certified livestock breeds (cattle, sheep, goats, poultry and bees), hatcheries, equipment and machineries. There is an increased demand for improved livestock breeding technologies such as Artificial Insemination (AI) and embryo transfers technologies. This offers investment opportunities in: establishment of facilities for production of germplasm; establishment of livestock breeding centres, establishment of liquid nitrogen production plants and distribution cold chain, livestock multiplication units, and hatcheries among others.

- iv. **Name of project** : **Livestock Vaccines and Drugs Manufacturing Plants**
Implementing agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nationwide
Investment engagement : Private Sector

Project Description: The country targets to increase national livestock vaccination coverage from 10% to 80%. In this regard, there is a need to increase the capacity to produce adequate and improved vaccines and drugs. This provides an investment opportunity to establish modern facilities to enhance livestock vaccines and drugs production for a range of diseases and sufficient

companies offer livestock insurance products despite the great potential in the subsector. Investment opportunities exist in establishment of insurance products for livestock and livestock based enterprises especially in ASALs to cushion livestock keepers against major risks including diseases and pests; weather; theft and rustling. The estimated cost of the project is USD 50 million.

ix. Name of project	: Integrated Community Livestock Development Project
Implementing agency	: Coast Development Authority
Location	: Lamu, Tana River and Garissa Counties
Investment engagement	: PPP

Project Description: The project involves construction and operationalisation of abattoirs; development of a hides and skin processing facility; establishment of a ranch to promote livestock feeds production; establishment and operationalisation of a disease control centre; marketing and market linkages; and Community Support. Coast Development Authority will provide land for the project while investors are expected to fully finance the project under BOT Model.

2.10.3 Fisheries Sub – Sector

Fisheries is an important source of livelihood and contributes to food and nutrition security in Kenya. It also provides raw materials for production of animal feeds as well as fish oil and bioactive molecules for the pharmaceutical industry. Fisheries support auxiliary industries such as net making, packaging material, boat building and repairs, sports and recreation. The fisheries sector contributed on average about 0.5% of the Gross Domestic Product. There exists great potential for aquaculture development and exploitation of marine fisheries especially in the Exclusive Economic Zones (EEZs).

i. Name of the Project	: Development of Marine Fisheries Infrastructure and Post-Harvest Operations
Implementing Agency	: Ministry of Agriculture, Livestock, Fisheries and Cooperatives/County Governments
Location	: Kenya Coastline (Mombasa, Kilifi, Lamu, Kwale and Tana River counties)
Investment Arrangement	: PPP

Project description: Kenya has a long coastline and vast seawater area. However, the country does not have the necessary facilities to harness the fishery potential in the marine waters, which is exploited by Distant Water Fishing (DWF) fleet. The investment opportunities include construction and development of fisheries infrastructure such as fish ports, harbours, jetties, landing sites, fish auction facilities, domestic fleet, cold chain facilities and processing facilities, and fish market outlets. In addition, investors can enter into joint ventures with the local fisher-folks in deep sea fishing. The estimated cost of the project is USD 452.3 million.

- ii. **Name of the Project** : **Development of Lake Turkana Fisheries**
Implementing Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives/County Governments
Location : Turkana and Marsabit Counties
Investment engagement : PPP

Project description: Lake Turkana is Kenya’s largest inland fresh water lake with over 48 species of fish and supporting more than a dozen commercial fishery ventures. The fisheries resource in Lake Turkana is yet to be fully developed and exploited largely due to poor infrastructure leading to very high post-harvest losses. This is beside lack of an organized and centralized marketing system coupled with weak Monitoring Control and Surveillance (MCS) that hampers enforcement of fisheries regulations. The lake directly supports about 7,000 fisher-folks and 6,500 fish traders and transporters. This provides investment opportunities in cold chain facilities; fish landing sites and fish market outlets. The estimated cost of the project is USD 41.7 million.

- iii. **Name of the Project** : **International Nile Perch Research Centre**
Implementing Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives/County Governments
Location : Kisumu County
Investment Engagement : PPP

Project description: The project entails construction and development of an International Nile Perch Research Centre at Kabonyo, in Kisumu for research on reproduction, nutrition and genetic variation factors in Nile perch for future restocking of Lake Victoria. The estimated cost of the project is USD 111.5 million.

- iv. **Name of the Project** : **Seaweed Farming and Processing**
Implementing Agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives/Kenya Marine and Fisheries Research Institute (KEMFRI)/County Governments
Location : The coastal strip (Mombasa, Kilifi, Lamu, Kwale and Tana River counties)
Investment Engagement : PPP

Project description: Kenya is currently a net importer of agar and alginate, yet it has the potential to be self-sufficient or even an exporter of the seaweed products. Fifteen (15) sites along the Kenyan coast have been evaluated and found to have the potential for harvesting seaweeds and establishing seaweed farms. Investment opportunities exist in establishment of seaweed farms and processing plants. The processing plants will include cottage industry for value addition, processing factories and industrial products manufacturing factories for products like paper, biofuels among others. The estimated cost of the project is USD 25 million.

2.10.4 Co-operatives Sub-Sector

Co-operatives play a critical role in the processing and marketing of major agricultural commodities, supply and distribution of farm inputs and services and mobilization of savings through Savings and Credit Co-operatives Societies (SACCOs). The following opportunities exist in the Sub-sector:

- i. Name of project : Potato Processing Plant**
Implementing agency : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nyandarua County
Investment Engagement : PPP

Project description: The purpose of the project is to commercialize potato farming through co-operatives. This will be achieved through establishment of processing infrastructure; structured collection channels: improved marketing and distribution; and capacity building for farmers. Investment opportunities exist in establishing a processing plant which will comprise cooling, grading and packaging facilities as well as a sales outlet in Ol-Kalau town, Nyandarua County. The estimated cost of the project is USD 20 million.

- ii. Name of project : Cotton Ginneries**
Implementing Agencies : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Nyanza, Western, Eastern, Coast, Rift Valley and Central regions
Investment Engagement : PPP

Project description: The aim of the project is to modernize cotton ginneries, and promote the cotton/ textile value chain to increase productivity, competitiveness and efficiency. The project will focus on upgrading the existing cotton ginneries in Western, Nyanza, Rift Valley, Coast, and Eastern regions. The estimated cost of the project is USD 25 million.

- iii. Name of project : Banana Processing Plant**
Implementing agencies : Ministry of Agriculture, Livestock, Fisheries and Cooperatives
Location : Tharaka Nithi County
Investment Engagement : PPP

Project description: Banana farming plays a major role in food security in Tharaka Nithi, Meru and Embu Counties with over 500,000 farmers involved in this livelihood activity. The purpose of the project is to establish a banana processing plant in Chuka to serve the three Counties. The plant will comprise a cooling facility system, grading, and packaging and a sales outlet with a processing capacity of 5,000,000 Kgs of raw bananas annually. The estimated cost of the project

is USD 15 million.

2.11 Environment, Water, Sanitation and Regional Development Sector

2.11.1 Water Sub-Sector

The Kenyan national water coverage is 62.9 percent (70.3 percent urban and 50.2 percent rural) while national sewerage coverage is 16 percent (25 percent urban and 1 percent rural) as at 2019. To ensure the full realization of the right to water and sanitation as enshrined in the Constitution and Kenya Vision 2030, the sector needs to grow by at least three percentage points annually.

Given the population projections in the National Water Master Plan and the current estimate levels of Non-Revenue Water of 42 percent, the sector needs to increase water production to two and a half times the current levels in order to meet demand. Likewise, to attain the sewerage coverage targets under Vision 2030, approximately 350,000 additional sewerage connections have to be made or 3.2 million additional people have to be served annually. The situation requires a sustained investment of a minimum of USD 1 billion annually as opposed to the current amount of USD 0.5 billion.

- i. Name of Project : Maragua 4 Dam**
Implementing Agency : Ministry of Water, Sanitation and Irrigation
Location : Murang'a County
Investment engagement : PPP

Project description: The current water supply in Nairobi is 546,700m³/ day against demand of 671,018m³/day. The supply is further reduced by 40% due to total water losses. This dam is to augment water supply by producing 132,192m³/day additional water for Nairobi Metro Area to meet the current and ever-growing water demand. The investment opportunities includes construction of 30 million cubic metres dam; 3.36 km long Mathioya transfer tunnel; water treatment works at Ndunyu Chege; installation of raw water gravity mains; and installation of treated water gravity main to Gigiri reservoirs. The estimated cost of the project is USD 240 million.

- ii. Name of project : Ndarugu 1 Dam**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Murang'a County
Investment engagement : PPP

Project description: The project targets to serve the counties of Nairobi (Utawala, Embakasi); Kiambu; Machakos (Mavoko and Athi River Industrial Park) and Kajiado (Kitengela). The investment opportunities are construction of a 300 million cubic metres water reservoir; both raw and treated water pumping stations; raw and treated water pumping mains; water treatment facility at Ndarugu and a booster pumping station at Kasarani. The estimated cost is USD 200 million.

- iii. **Name of project** : **Integrated Sanitation Management for Nairobi and Satellite Towns**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Nairobi, Machakos, Kiambu, Kajiado Counties
Investment engagement : PPP

Project description: The sewerage network for Nairobi metro area is dilapidated and cannot meet the demand from the growing population. This requires intensive investment into the secondary reticulation networks in order to increase the sewerage coverage. The investment opportunities under this project include development of East Nairobi sewerage consisting of 684km sewerage network; construction of two (2) sewerage treatment plants with a combined capacity 90,000m³/day; rehabilitation of 412km sewerage network in Nairobi; development of modern waste water treatment technologies (Omni-processor).

- iv. **Name of project** : **Mzima II Pipeline Water Project**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Kilifi County
Investment engagement : PPP

Project description: The current water production in Coast is 87,800m³ per day against the projected demand of 467,910m³ per day by 2020. The project aims at augmenting the supply capacity by 100,000m³ per day to serve an additional population of 1,050,000 people in Taita Taveta, Kwale, Kilifi and Mombasa (including proposed Dongo Kundu industrial park) Counties. The investment opportunities are in the expansion of the intake tunnel, reservoirs and the 220km pipeline.

- v. **Name of project** : **Malewa Dam and Water Supply Scheme**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Nakuru County
Investment engagement : PPP

Project description: This project entails construction of Malewa Multi-purpose Dam to supply 20,000m³ of water per day to the Naivasha Industrial Park. Additionally, this project will supply water to Ol Kalou town (Nyandarua County) and Naivasha and Gilgil Towns (Nakuru County). The project is expected to adequately serve a population of 200,000 persons up to 2035.

- vi. Name of project : Mosongo Water Project**
Implementing Agency : Ministry of Water, Sanitation and Irrigation
Location : Elgeyo-Marakwet, Uasin-Gishu, Trans-Nzoia Counties
Investment Engagement : PPP

Project description: The project is a cross-county project between Elgeyo-Marakwet, Uasin-Gishu and Trans-Nzoia counties. The investment opportunity in this project entails construction of raw water mains and distribution networks to produce 10,000m³ per day of water to serve additional 110,000 people in the three counties.

- vii. Name of project : Mount Elgon- Bungoma Water Supply**
Implementing Agency : Ministry of Water, Sanitation and Irrigation
Location : Bungoma County
Investment Engagement : PPP

Project description: The main objective of this project is to increase water supply, access to serve additional 80,000 people across Bungoma and Busia Counties. Investment opportunities exist in construction of 86.3km of water supply pipeline; water treatment plant with a capacity of 100,000 m³ per day and management of 25 water collection kiosks.

- viii. Name of project : Kinja Dam**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Nyandarua County
Investment Engagement : PPP

Project description: The proposed Kinja Dam is expected to serve an additional 97,000 people in North Kinangop Sub-County, by abstracting water from Kinja River. The dam will supply 9,450m³ of water per day to Kitiri, Engineer and Murungaru locations of North Kinangop Sub-County and parts of Gilgil which are currently abstracting raw water from Kinja River. The investment opportunities are construction of a 20m high dam with a storage capacity of 1.6 million cubic metres and a water treatment plant with a capacity 9,450m³ per day.

- ix. Name of project : Pesi (Nyahururu) Dam**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Nyandarua County
Investment Engagement : PPP

Project description: Pesi (Nyahururu) Dam will be located on Pesi River and about 1.5km upstream of the confluence of Pesi and Gathanji Rivers. The specific areas to be served in Laikipia County include Nyahururu, Marmanet and Wiyumiririe Towns and their environs with a water demand of 28,013m³ per day. The areas of Nyandarua County that will be served with water

include Ndaragwa, Gwa Kung'u, Mairo-Inya, Ol Joro Orok and Kasuku. This dam will serve an additional 625,500 people upon completion. The investment opportunities are construction of a 60m high dam with storage capacity of 16 Million cubic meters and a treatment plant with a capacity of 75,250m³ per day.

- x. **Name of project** : **Londiani Dam**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Kericho County
Investment Engagement : PPP

Project description: The multipurpose project is expected to serve an additional 450,000 people in Londiani, Redwa, and Fort Ternan in Kericho County as well as provide water for irrigation. The opportunities for private investment include construction of a 42m high dam with a storage capacity of 55million cubic meters; a water treatment plant with a capacity of 43,198m³ per day; installation of a 90 kilometre Pipeline with a capacity of 129,800m³ of irrigation water servicing 2800 Ha of land.

- xi. **Name of project** : **Isiolo Dam**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Isiolo County
Investment Engagement : PPP

Project description: The proposed dam is to be located at Crocodile Jaws site on the border of Isiolo and Laikipia Counties and is intended to supply water to Isiolo town including the proposed Isiolo Resort city and rural areas of Isiolo, Laikipia and Samburu counties. An estimated 1,340,311 additional people will benefit from this project after completion.

The opportunities for investment under this project are construction of 83m high dam with storage capacity of 215 million cubic meters and a water treatment plant capacity of 53,703 m³ per day. The estimated cost of the project is USD 15 million.

- xii. **Name of project** : **Maralal Sewerage Project**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Samburu County
Investment engagement : PPP

Project description: Maralal town in Samburu County has a growing population that requires investment in sewerage network. The investment opportunity under this project are construction of sewer lines extensions and treatment plant in addition to reticulation of water to households in Maralal town. The estimated cost of the project is USD 9.2 Million.

- xiii. Name of project : Nanyuki Dam (Kahurura)**
Implementing agency : Ministry of Water, Sanitation and Irrigation
Location : Laikipia County
Investment engagement : PPP

Project description: Nanyuki town in Laikipia County lacks adequate water for domestic, industrial and agricultural use. The dam is expected to meet water requirements for about 100,000 people. The investment opportunities under this project are in the construction of a 3.5 m3 dam; gravity mains and extension of distribution lines; installation of irrigation water supply infrastructure and construction of a hydropower plant. The estimated cost of the project is USD 18 million.

- xiv. Name of Project : Construction of Hostels for Kenya Water Institute (KEWI)**
Implementing Agency : Ministry of Water, Sanitation and Irrigation
Location : Nairobi, Kitui, Kisumu, Tharaka Nithi Counties
Investment engagement : PPP

Project description: There is shortage of hostels and accommodation facilities for students in KEWI campuses. The investment opportunities include construction and management of student hostels. KEWI will provide utilities such as land, water, electricity and security.

- xv. Name of Project : Mini Hydropower Systems**
Implementing Agency : Ministry of Water, Sanitation and Irrigation
Location : Kisii, Kericho, Migori, Kisumu and Siaya Counties
Investment engagement : PPP

Project description: About 90% of water supply systems in Lake Victoria Sewerage and Water Service Board (LVSWSB) operational area are energy dependent. The high cost of energy coupled with irregular power supply in the region has contributed to underperformance of the utilities and unaffordable water services. Investment opportunities exist in construction of mini-hydroelectricity plants with a combined capacity of 3MW at Nyakwana falls in Kisii, Litein, Gogo falls in Migori and Ndano falls on River Yala in Siaya.

2.11.2 Irrigation Sub-Sector

The realization of food and nutrition security will largely depend on irrigation to increase agricultural production and productivity in an environment of weather uncertainties and population growth. Overall, the sub sector targets to increase land under productive and sustainable irrigation from 484,000 acres to 1.2 million acres by 2022. The following investment opportunities exist:

- i. **Name of the project** : **Lake Jipe Irrigation Scheme**
 Implementing Agency : Taita Taveta County Government
 Location : Taita Taveta County
 Investment engagement : PPP

Project description: This project entails rehabilitation of irrigation infrastructure in major canals. A total of 128,000 acres of land is available for this project. Investment opportunities exist in refurbishment and expansion of irrigation infrastructure as well as management of the irrigation scheme. The estimated cost of the project is USD 500,000.

- ii. **Name of project** : **Bondo Irrigation Cluster**
 Implementing Agency : National Irrigation Board
 Location : Siaya County
 Investment engagement : PPP

Description of the Project: The project involves development of irrigation infrastructure along lower river Yala to open 4,000 acres for production of horticultural crops and rice.

- iii. **Name of project** : **Expansion of lower Kuja Irrigation Project**
 Implementing Agency : National Irrigation Board
 Location : Migori County
 Investment engagement : PPP

Description of the Project: The project involves development of irrigation infrastructure along lower river Kuja/Migori to open 75,000 acres for production of horticultural crops and rice. It will also involve expansion of existing hydro-power plant / New Gogo Falls Dam. The project is estimated to cost USD 140 million.

- iv. **Name of project** : **Turkana Irrigation Project**
 Implementing Agency : National Irrigation Board
 Location : Turkana County
 Investment engagement : PPP

Description of the Project: The project involves development of irrigation infrastructure along lower river Turkwel to open up a combined 10,000 acres spread across 15 localities for production of food and horticultural crops. The investment opportunities include construction and rehabilitation of irrigation infrastructure. The estimated cost of the project is USD 250 Million.

2.11.3 Environment and Natural Resources Sub-Sector

Sustainable management of the environment and natural resources is critical for the economic growth and development of a country. There is a wide range of investment opportunities within

this sector including green growth measures such as catchment protection, sustainable exploitation of economically viable natural resources and proper waste management.

- i. Name of the Project : Forest Parks and Eco Tourism**
Implementing Agency : Ministry of Environment and Forestry/County Governments
Location : Nationwide
Investment Arrangement : PPP

Project description: Kenya is endowed with over 1.9 million hectares of public forests in diverse ecosystems across the country with potential for development of tourism and recreational facilities. The project entails construction of low-impact recreational facilities including walking/jogging trails, picnic areas, amusement areas, arboreta, restaurants, gift shops, visitor education centres, community centres, zip lines, health & fitness facilities and special event areas. Forest parks shall provide critical green spaces to serve the recreational needs of the people living in towns as urban areas in Kenya continue to expand rapidly. The project is estimated to cost USD 40 Million.

- ii. Name of the Project : Plastic Waste Management and Pollution Control**
Implementing Agency : Ministry of Environment and Forestry
Location : Nationwide
Investment Engagement : PPP/ Private Sector

Project description: Used plastics constitute the biggest challenge to solid waste management in Kenya. The project entails establishment of plastic recycling plants and investment in production of eco-friendly alternative bags. It also entails technology transfer in the construction of sanitary landfills and waste treatment plants. The estimated cost of the project is USD 14.1 Million.

- iii. Name of the Project : Forest Plantation Development (Commercial Tree Growing)**
Implementing Agency : Ministry of Environment and Forestry
Location : Nationwide
Investment Engagement : PPP

Project description: The project entails re-establishment of 30,000 Ha of forest plantations and maintenance of 112,000 Ha of softwood plantations in public forest. This will include establishment of five (5) model tree nurseries with an annual production of 10 million seedlings. The forests are expected to sustainably generate 1 million cubic meters of high-quality round wood for processing to timber, veneer, plywood, block boards and other boards. The estimated cost of the project is USD 19 million.

2.11.4 Regional Development Sub-Sector

The sub-sector promote efficiency and better management in utilization of natural resources to enable the government achieve its strategic objective of economic growth and sustained wealth creation. The sub-sector seeks to tackle major discrepancy in socio-economic performance between regions through undertaking integrated basin-based development programmes. Investment opportunities include:

- i. **Name of Project** : **Wei Wei Phase 3 Integrated Project**
 Implementing Agency : Kerio Valley Development Authority
 Location : West Pokot and Turkana Counties
 Investment Engagement : PPP

Project description: The project entails development of irrigation infrastructure on 600 Ha of land aimed at increasing food production to address food and nutrition security, create employment opportunities particularly for youth and women, increase household income and promote general economic development of the area. The Authority has been developing irrigation infrastructure in the region as part of the wider Government efforts to put one million acres of land under irrigation.

- ii. **Name of Project** : **Turkwel Irrigation Projects**
 Implementing Agency : Kerio Valley Development Authority
 Location : West Pokot and Turkana Counties
 Investment Engagement : PPP

Project description: The project will entail development of 77,000 hectares of land for irrigation. It is estimated that the project will produce over 140,000 MT of sugar to address sugar deficit in the country. The projects will address food security, create new employment opportunities particularly for youth and women, increase sugar production, household income and general economic development of the area. The project is estimated to cost USD 385.6 million.

- iii. **Name of Project** : **Upscaling of Rice Mill**
 Implementing Agency : Lake Basin Development Authority
 Location : Kisumu County
 Investment Engagement : PPP

Project Description: The project involves the revamping of rice milling operations and improvement of machinery to enhance efficiency and spur productivity in Kisumu, Busia, Bungoma, Homabay and Siaya Counties. It is estimated that the upgraded mill will process 1,000 tons of paddy from farmers annually. The upgraded mill will operate at 3.5 tons per hour with a minimum of 75% recovery rate. This project is estimated to cost USD 2.4 million.

- iv. **Name of Project** : **Regional Demonstration and Technology Development Centres**
Implementing Agency : Lake Basin Development Authority
Location : Kisumu, Bungoma, Busia, Nandi, Kisii, Migori, Nyamira Counties
Investment Engagement : Private Sector

Project description: The project is meant to enhance inland fish farming. Investment opportunities exist in annual production and distribution of an estimated 6 million mono-sex fingerlings using the Reticulation Aquaculture System (RAS) technology. The project is estimated to cost USD 310,000.

- v. **Name of Project** : **Lichota, Muhoroni and Alupe Solar Irrigation Project**
Implementing Agency : Lake Basin Development Authority
Location : Migori, Kisumu and Busia Counties
Investment Engagement : PPP

Project description: The project will entail drilling of two boreholes, installation of solar array units for submersible borehole pump, building of every 2 elevated steel tanks with pipe layouts, and installation of 2 irrigation units for irrigation of 200 hectares of land. The project will be implemented in three phases. Phase 1 will involve development of irrigation infrastructure at Lichota in Migori County. Phase 2 will focus on infrastructure development at Muhoroni in Kisumu County while phase 3 will be done at Alupe in Busia County. The project is estimated to cost USD 3.5 Million.

- vi. **Name of Project** : **Magwagwa Multipurpose Dam Development Project**
Implementing Agency : Lake Basin Development Authority
Location : Nyamira
Investment Engagement : PPP

Project description: The Multipurpose project is integrated in nature and seeks to generate 120 MW into the national grid, put 13,807 hectares under irrigation, provide access to adequate water for industrial and other agricultural use and in addition ensure catchment conservation of River Sondu. It involves construction of 95m high and 450m long dam with live storage capacity of 445 million cubic metres to serve Nyamira, Bomet, Kisumu, Kericho and Homabay counties. The project is estimated to cost USD 842.7 Million.

- vii. **Name of Project** : **Lake Basin Housing Development Project**
Implementing Agency : Lake Basin Development Authority
Location : Kisumu County
Investment Engagement : PPP

Project description: The project will involve the construction of 584 affordable housing units targeting the middle and high income economic classes. It entails the construction of one (1), two (2) and three (3) bedroom apartments and six (6) shops at Migosi and Milimani wards in Kisumu County. The project is estimated to cost USD 17.5 Million.

- viii. **Name of Project** : **Integrated Fruits and Vegetables Processing Plant Project**
Implementing Agency : Lake Basin Development Authority
Location : Kisii County
Investment Engagement : PPP

Project Description: The multi-component integrated project aims at enhancing production levels of fruits and vegetables for food security, income generation and poverty reduction in the lake basin region. It will involve establishment of an integrated fruits and vegetables processing plant with capacity to process 10 tonnes of raw materials per hour and produce 35,200 tonnes of fruit juice and 2,000 tonnes of dried vegetables annually. The project is estimated to cost USD 9.25 Million.

- ix. **Name of Project** : **Cotton Ginnery and Oil Press Factory**
Implementing Agency : Lake Basin Development Authority
Location : Kisumu County
Investment Engagement : PPP

Project Description: The project entails construction of a cotton ginnery and oil press factory in Kisumu as a strategy of reviving the cotton industry in Western Kenya and the nation as a whole, while promoting a viable variety known as BT-cotton. The project will involve the acquisition and installation of cotton ginning machine with a capacity of processing 3,780 tonnes of cotton per year. The project is estimated to cost USD 6.8 Million.

- x. **Name of Project** : **Muhoroni Agro-Industrial Park**
Implementing Agency : Lake Basin Development Authority
Location : Muhoroni Constituency, Kisumu County.
Investment Engagement : PPP

Project Description: The project involves the design and development of between 200-500 acres of land in Muhoroni to accommodate state of the art infrastructure and amenities with zero effluents and optimum growth within the concept of an agro-industrial park for investor's uptake.

The project will develop backward linkages to agricultural suppliers, expanding the possibilities of small holder producers to access attractive markets that demand high value, high quality and safe agro-food products and increase the ability of the SMEs to become more competitive by accessing innovative technologies and management systems. The project is estimated to cost USD 971,000.

- xi. Name of project : Mwache Multipurpose Dam Development Project**
Implementing Agency : Coast Development Authority
Location : Kwale County
Investment Engagement : PPP

Project description: The project involves construction of a multipurpose dam with water storage reservoirs of 138 million cubic metres to serve Kwale and Mombasa counties. The dam has potential to produce Hydropower and supply water for irrigation, domestic and industrial use. It will also enhance fisheries, livestock, tourism and navigation; and environmental conservation among other purposes. The project is estimated to cost USD 48 million.

- xii. Name of Project : Solar Power Generation Project**
Implementing Agency : Coast Development Authority
Location : Kwale County
Investment Engagement : PPP

Project description: The project involves investment in 40 Megawatts solar power production with an expansion capacity of 120MW to the national grid. 150 acres of land for the project have been identified in Kwale County.

- xiii. Name of Project : Lake Challa Water Resources Integrated Development Project**
Implementing Agency : Coast Development Authority
Location : Taita Taveta County
Investment Engagement : PPP

Project description: The project involves supplying water for domestic use, livestock, forestry and irrigation. Investment opportunities exist in: abstracting 2,640,000 m³/yr of water from Lake Challa; drilling & equipping of 3 boreholes (Nakruto & Kilanga Schemes) with a water supply capacity of 7,920,000 m³/yr to irrigate 2,000 ha; and development of water supply pipeline to Mwakitau and Tsavo West National park. In addition, the lake provides opportunities for the development of eco-tourism facilities.

- xiv. **Name of Project** : **Integrated Fruit Processing Project**
Implementing Agency : Coast Development Authority
Location : Tana River County
Investment Engagement : PPP

Project description: The project involves investment in setting up an integrated fruit processing plant in Tana River with potential of processing 12,000 tonnes of fresh mangoes per year and production of pulp. The estimated cost of the project is USD 3.26 million.

- xv. **Name of the Project** : **Integrated Fish Resources Development Project**
Implementing Agency : Coast Development Authority
Location : Lamu, and Kwale Counties
Investment Engagement : PPP

Project description: The project involves the development of an integrated fish resources. It entails rehabilitation of fish habitat; fish farming and breeding; fish harvesting; fish processing and value addition; marketing and market linkages; and community support. The Authority will provide earmarked land sites for the project.

- xvi. **Name of Project** : **High Grand Falls Multi-Purpose Dam Development Project**
Implementing Agency : Tana and Athi Rivers Development Authority (TARDA)
Location : Tharaka Nithi, Embu, Kitui Counties
Investment Engagement : PPP

Project description: The project involves construction of 5.4 billion cubic litres of water storage, additional irrigation area of 180,000 hectares in the flood plain and 20,000 hectares conserved at the delta, 700 MW hydropower, and conservation of a buffer zone, domestic water supply and ecotourism. The estimated cost of the project is USD 1.54 billion with an estimated IRR of about 18 per cent to be realized from sale of 700 MW of power to national grid.

- xvii. **Name of Project** : **Tana Delta Integrated Project - Rice (TDIP Rice)**
Implementing Agency : Tana and Athi Rivers Developmen Authority
Location : Tana River County
Investment Engagement : PPP

Project description: Tana delta irrigation project is an integrated agribusiness project located in the Tana Delta flood plains. Investment opportunity exists in rice production in 12,000 ha through irrigation with an estimated production of 35,000 tonnes of milled rice annually. The project will also incorporate other high value crops within the crop production system. The estimated cost of the project is USD 25 million with an estimated IRR of about 18 per cent.

- xviii. Name of Project : Munyu Multi-Purpose Reservoir**
Implementing Agency : Tana and Athi Rivers Development Authority
Location : Kiambu County
Investment Engagement : PPP

Project description: The project entails construction of a multipurpose reservoir with a capacity of 600 million cubic meters of live storage meant for large scale irrigation and domestic water supply. The main project components include: a hydro-electric power station with a capacity of 40MW; Irrigation of 13,000Ha and Community Water Supply.

- xix. Name of Project : Tana Integrated Sugar Project (TISP)**
Implementing Agency : Tana and Athi Rivers Development Authority
Location : Tana River County
Investment Engagement : PPP

Project description: The project will entail 16,000 hectares of estate sugarcane farming and 4,000 hectares of small-holder sugarcane blocks through controlled irrigation method of production. The project will also include establishment of sugar processing mill with cane crashing capacity of 10,000 tonnes per year, cogeneration of 35 MW power, production of power alcohol and industrial sugar, livestock production, and feeds and fodder production. The Authority will provide 16,000 ha of land for the project. The project is estimated to cost USD 500 million with an estimated IRR of 19.1 % to be realized from sale of sugar, 35 MW power and ethanol.

- xx. Name of Project : Gum Arabic and Resins Integrated Development**
Implementing Agency : Ewaso Ngiro North Development Authority
Location : Wajir, Mandera, Marsabit, Garissa, Isiolo, Samburu and Meru Counties
Investment Engagement : PPP

Project description: Gums and resins hold a lot of potential towards the support of livelihood among the local communities in the dry lands of Kenya. The project has the following components: mapping of gums and resins coverage, infrastructural development, research marketing and extension, development of gums and resins enterprise and establishment of collection centres. The estimated cost of the project is USD 3 million.

- xxi. Name of Project : Northern Kenya Integrated Camel Development**
Implementing Agency : Ewaso Ngiro North Development Authority
Location : Isiolo
Investment Engagement : PPP

Project description: The camel milk subsector in Kenya is large and has potential to permanently change the livelihoods of poor communities living in Kenya's Arid and Semi-Arid Lands. The project entails establishment of a World Class Camel Milk Processing Factory in the region to add

value to the camel milk from Marsabit, Isiolo, Wajir, Garissa, Mandera, Samburu and Laikipia for both local and export market. The estimated cost of the project is USD 24.6 million.

- xxii. Name of Project : Northern Kenya Integrated Meat Processing Factory**
Implementing Agency : Ewaso Ngiro North Development Authority
Location : Wajir
Investment Engagement : PPP

Project description: The project involves the construction of a central meat processing factory with a daily capacity of 1,000 goats, 500 cattle and 200 camels. It will also process edible and non-edible by-products for better utilization of the resources. The central meat processing factory will consist of slaughter house and processing facilities, cooling and freezing equipment, canning and packaging equipment, sewage disposal facilities, electricity and water supply. The project will also include the development of 50 livestock watering points in the livestock supply counties of Isiolo, Samburu, Marsabit, Wajir and Garissa. The estimated cost of the project is USD 35 million.

- xxiii. Name of Project : Bubisa Integrated Wind Power Development Project**
Implementing Agency : Ewaso Ngiro North Development Authority
Location : Marsabit County
Investment Engagement : PPP

Project description: The project entails harnessing of wind power with a potential of generating 50MW, development of auxiliary infrastructure, mineral resources utilisation, water development including irrigation and catchment conservation.

- xxiv. Name of Project : Chalbi Desert Integrated Development Programme**
Implementing Agency : Ewaso Ngiro North Development Authority
Location : Marsabit, and Samburu Counties
Investment Engagement : PPP

Project description: The Programme involves harnessing of Wind Power to generate 1,200 MW, exploitation of the salt mineral resources to develop a glass and salt factory, water development including irrigation and catchment conservation. The estimated cost of the project is USD 1.95 billion.

- xxv. Name of Project : Integrated Bamboo Commercialization and Value addition**
Implementing Agency : Ewaso Ngiro South Development Authority
Location : Narok, Kajiado, Nakuru and Nyandarua Counties
Investment Engagement : PPP

Project description: The project entails investment in commercialization of bamboo in the Mau forest and other catchment areas through promotion of bamboo farming and manufacturing.

Bamboo is one of the fastest growing plants in the world and has multiple benefits and is used in making furniture, kitchen ware, roofs, floor tiles, scaffolding etc. The project will reduce pressure on indigenous forest in the basin and Mau catchment areas, increase forest cover and provide alternative economic opportunities. The estimated cost of the project is USD 4.8 million.

xxvi. Name of the Project	: The Lower Ewaso Ng'iro South River Multipurpose Dam Development Project
Implementing Agency	: Ewaso Ngiro South Development Authority
Location	: Narok and Kajiado Counties
Investment Agency	: PPP

Project Description: The Project aims at constructing three multipurpose dams to generate 180MW of power and put 4,500 ha of land under irrigation. The project is also expected to improve the livelihoods of the people through the supply of water for domestic and livestock to over 350,000 inhabitants and creating opportunities for fish farming and eco-tourism development. The estimated cost of the project is USD 1.4 Billion.

xxvii. Name of Project	: Tomato Processing Factory
Implementing Agency	: Ewaso Ngiro South Development Authority
Location	: Kajiado County
Investment Engagement	: PPP

Project description: The project entails establishment of a Tomato Processing Factory in Oloitoktok Kajiado County which is one of the major tomato producing counties in the country. The factory will process fresh tomato produce into tomato end products like tomato paste, juice, ketchup and sauce.

2.12 Health Sector

The Health Sector aims at achieving equitable, affordable and quality health, and related services at the highest attainable standards to all Kenyans. The sector's approach to health is through "the social and economic determinants of health" whereby health service delivery is not restricted to the actions of the Health Ministry, but includes all actions in other related sectors that have an impact on health. Kenya is committed to implementing Universal Health Coverage (UHC) as one of the "Big Four agenda" to ensure access to quality essential health services by the 2022. Investment opportunities in this sector include the following:

i. Name of project	: Pharmaceutical Manufacturing
Implementing agency	: Ministry of Health
Location	: Nationwide
Investment engagement	: PPP

Project description: The project entails cooperation in manufacture of modern low-cost vaccines and medical devices through a stepwise approach of identifying areas of technological transfer, capacity building of human resource and establishment of manufacturing plants. Other potential

investment areas include: manufacture of ARVs, manufacturing and production of medical gases and oxygen generators plants; manufacturing and maintenance of medical equipment; and manufacturing of specialized diagnostic devices.

- ii. Name of the Project : Medical Tourism**
Implementing Agency : Ministry of Health
Location : Nationwide
Investment Engagement : PPP

Project description: The project aims at promoting Kenya as a hub for specialized healthcare, training and retaining specialized health expertise, creating employment in specialized healthcare and making health a vibrant socioeconomic sector in the country. Investment opportunities exist in: establishing East African Kidney Centre of Excellence; establishment of specialized child and geriatrics hospitals; establishment of Ten (10) Level 6 regional hospitals to serve as national referral hospitals; modernisation of Mathari and the Spinal Injury National Referral hospitals; establishment of four comprehensive cancer centres; and establishment two trauma centres at Makindu and Rongai.

- iii. Name of the Project : Managed Equipment Services project**
Implementing Agency : Ministry of Health
Location : Nationwide
Investment Engagement : PPP

Project description: The Government has been strengthening 94 County public hospitals (two in each county) and 4 National Teaching and Referral hospitals through the state-of-the-art diagnostic and Management Equipment Services project (MES Project). The opportunities that exist are in scaling up the MES project to cover additional equipment and target 112 County public hospitals.

- iv. Name of the Project : Scaling up of Chlorhexidine (CHX) production**
Implementing Agency : Ministry of Health
Location : Nairobi and Kiambu counties
Investment Engagement : PPP

Project description: Kenya is currently the only manufacturer of 7.1% Chlorhexidine (CHX) in Africa which is an essential medicine for Children, for umbilical cord care. Further, many countries in the continent do not have the product locally available; hence a huge potential market exists. Investment opportunities exist in expansion of local capacity to produce Chlorhexidine for export to the rest of Africa.

- ix. Name of the project : 300-Bed Hospital at Kenyatta National Hospital (KNH)**
Implementing Agency : Kenyatta National Hospital
Location : Kenyatta National Hospital grounds, Nairobi County
Investment Engagement : PPP

Project description: This is a build-operate-transfer PPP project where the private party finances, constructs, operates and maintains (O&M) the envisaged seven storey to house 300-bed hospital building. Development of the project will provide local access to state-of-the-art specialty care and thereby reduce foreign travel in search of medical services.

- x. Name of the project : Development of Accommodation, Training and Shopping complex at Kenyatta National Hospital**
Implementing Agency : Kenyatta National Hospital
Location : Kenyatta National Hospital grounds
Investment Engagement : PPP

Project description: The project will involve development of 2,000 one, two and three bed-roomed housing units on a 10-hactare piece of land owned by Kenyatta National Hospital off Mbagathi Road, complete with a shopping complex and training centre.

2.13 Education Sector

The education sector has investor friendly laws and regulations that are conducive for investment such as tax rebates on investment in education related materials and equipment. Further, the sector has developed the Competency Based Education and Training (CBET) curriculum which is in line with market demand for skills. The expansion of the education sector has opened up opportunities for investors such as: investment in infrastructure that support education and training; and development and production of teaching and learning materials including books, teaching aids, equipment and appropriate technologies. Specific investment opportunities include:

- i. Name of the project : Construction of Hostels in 11 National Polytechnics**
Implementing agency : Ministry of Education
Location : Nationwide
Investment Engagement : PPP

Project description: The project entails contractual engagements between the Governing Councils of National Polytechnics and investors to construct hostels for students in the eleven (11) National Polytechnics. These polytechnics include: Kabete in Nairobi; Meru; Kisii; Kisumu; Coast in Mombasa ; Sigalagala in Kakamega; North Eastern in Garissa; Kitale in Trans Nzoia; Eldoret, Nyeri and the Kenya Technical Trainers College (KTTC) in Nairobi.

- ii. **Name of project** : **National Science and Technology Parks**
Implementing Agency : Ministry of Education
Location : Konza Techno City and Dedan Kimathi University of Technology
Investment engagement : PPP

Project description: Konza Techno City and Dedan Kimathi University of Technology have been earmarked for implementation of National Science and Technology Parks. The project aims to support technology transfer to encourage start-up and incubation of innovation/knowledge-based businesses. The Park will provide investment opportunities for universities, TVET Institutions, research centres, incubation centres and technology-based companies. Government will provide land, infrastructure and other social amenities to support the science and technology parks.

- iii. **Name of the project** : **Mass production of solar Photovoltaics, Biomass energy, Small Hydro Power and Wind Energy Prototy**
Implementing agency : Jomo Kenyatta University of Agriculture and Technology
Location : JKUAT, Kiambu County
Investment engagement: : PPP

Project description: Capacity development for promoting rural electrification using renewable energy has been conducted by JKUAT using Japanese expertise under the project named Better life of people in Rural areas and intellectual network on green energy and its Hands on Technology (BRIGHT). Under the project, JKUAT conducted research and successfully produced prototypes in the areas of solar Photovoltaics technology, Biomass energy, small hydro power technology and wind energy. There exists investment opportunities in mass production and roll out of 1KW Wind turbine; thermal Gasifier; micro hydro turbine; and Solar PV.

- iv. **Project Name** : **The National Physical Science Research Laboratory**
Implementing Agency : Ministry of Education
Location : Nairobi County
Investment engagement : PPP

Project Description: Kenya currently does not have a physical science research laboratory that is essential for cutting edge physical science solutions in engineering, new production technologies, fabrication of research equipment and tools that need complex design outlay. A Physical Science Research Laboratory houses specialized advanced High-Tech laboratories for all physical sciences and engineering where research, technology development and innovations are undertaken. The investment opportunities lie in the development and management of the laboratory which will be private sector led and useful in metrology, forensic science, and material testing among others that is currently done abroad.

2.14 Oil, Gas and Mineral Resources

Oil, gas and mineral resources are spread across the geographical space of the country and raise potentials of socio-economic development opportunities. The Sector has the potential to boost the country's economic growth and development through increased export earnings, development of infrastructure, employment creation and improvement of social welfare.

2.14.1 Petroleum Sub-Sector

- i. Name of project : Crude Oil Pipeline**
Implementing Agency : Ministry of Petroleum and Mining
Location : Lokichar-Lamu
Investment engagement : PPP

Project description: The project will entail a Crude Oil Pipeline from Lokichar to Lamu. The project will traverse through Turkana, Samburu, Isiolo, Garissa and Lamu counties. Opportunities for investment exist in construction of 840 km-20 inch crude oil pipeline and its heating system, pumping stations, and marine terminal storage and export facilities. The Government has set aside land for this project. The estimated cost of the project is USD 3.9 billion with an internal Rate of Return of 21.6 percent.

- ii. Name of project : Oil and Gas Exploration**
Implementing agencies : Ministry of Petroleum and Mining
Location : Turkana and Lamu Counties
Investment Engagement : PPP

Description of the Project: A total of Ninety Three (93) oil exploratory and appraisal wells have been drilled in the country. Additional oil discoveries have been made in Turkana County in Twiga, Amosing, Agete, Ekales, Etuko, EwoiEkunyuk, Etom & Erut and South Lokichar Basin (Blocks 13T and 10B). Gas has also been discovered in offshore Lamu Basin (Block L8, Mbawa-1 well and Block 9 in Anza Basin Sala-1 well), while both oil and gas have been discovered in offshore Lamu Basin Block L10A and Sunbird-1 well. The investors can acquire geophysical data and invest in the exploration, appraisal and exploitation of oil and gas in the gazetted blocks.

- iii. Name of project : Mombasa Petroleum Trading Hub**
Implementing agencies : Ministry of Petroleum and Mining/ National Oil Corporation of Kenya (NOCK)
Location : Mombasa County
Investment Engagement : PPP

Project Description: The project aims at improving petroleum products supply security as well as reducing the cost. The Trading Hub will be a modern petroleum terminal comprising of two off-shore petroleum jetties, one for loading/offloading of crude oil and black fuels and the other

for refined products. Investment opportunities exist in construction of offshore jetty, 740,000 MT of storage tank and a modern Greenfield petroleum tanks farm with a capacity of 300,000MT. The project is estimated to cost USD 30 million.

- iv. **Name of project** : **Liquefied Petroleum Gas (LPG) Handling, Storage and Bottling Facilities**
- Implementing agencies** : Ministry of Petroleum and Mining/ Kenya Pipe line Corporation (KPC)
- Location** : Mombasa, Nairobi, Nakuru, Uasin Gishu, Kisumu, Muranga and Laikipia Counties
- Investment Engagement** : PPP

Project Description: To curb widespread use of wood-fuel, there is need to promote use of Liquefied Petroleum Gas (LPG) as an alternative source of cooking energy and thus reduce deforestation and destruction of water catchments areas. The Government is keen to ensuring availability and access of cheap Liquefied Petroleum Gas (LPG) to low income households. The investment opportunities include construction of a mini-LPG storage and refilling plants across the country; a bulk LPG import handling, storage and bottling facilities in Nairobi, Nakuru, Kisumu, Eldoret in Uasin Gishu, Sagana in Muranga and Nanyuki in Laikipia.

- iv. **Name of project** : **Construction of New Fuel Storage Capacity and Associated Infrastructure**
- Implementing agencies** : Ministry of Petroleum and Mining/ Kenya Pipeline Corporation (KPC)
- Location** : Mombasa and Nairobi
- Investment Engagement** : PPP

Project Description: The project will involve construction of fuel storage capacity of 33,328 cubic metres in Mombasa and 72,000 cubic meters of Jet A-1 aviation fuel at Jomo Kenyatta International Airport (JKIA) in Nairobi. Investment opportunities include construction of the fuel storage tanks and fuel handling facilities. The project is estimated to cost USD 30 million (USD 10 for Mombasa and USD 20 million for Nairobi).

2.14.2 Mining Sub-Sector

- i. **Name of project** : **Establishment of a Gemstone processing factory, Gemology Centre and Showroom**
- Implementing Agency** : Ministry of Petroleum and Mining
- Location** : Taita Taveta County
- Investment engagement** : PPP

Project description: The project entails establishment of a Gemstone Processing Factory to add value to the County’s considerable mineral wealth by cutting and polishing gemstones to a high

standard for both local and export markets. Investment opportunities exist in the construction and equipping of a factory with an installed capacity of 20,000 carat per annum, and setting up of a gemmology centre. The estimated cost of the project is USD 775,000.

- ii. **Name of project** : **Gypsum Processing Plant**
Implementing Agency : Ministry of Petroleum and Mining
Location : Garissa and Tana River Counties
Investment engagement : Private Sector

Project description: The project involves establishment of gypsum processing plant to manufacture gypsum boards. The gypsum will be mined within Garissa and Tana River Counties. The investment opportunities include construction and equipping of the processing plant.

- iii. **Name of project** : **Murang'a Ceramics Factory**
Implementing Agency : Murang'a County Government
Location : Murang'a County
Investment engagement : Private Sector

Project Description: The project will involve establishment of a ceramic factory to utilize the millions of tonnes of clay in Murang'a County. The clay is suitable for making ceramics products such as tiles and building bricks which have ready market locally and internationally. The county has identified land for the factory. Investment opportunities include construction and equipping the factory and provision of transport and logistics services.

- iv. **Name of project** : **Fluorspar Processing Factory**
Implementing Agency : Ministry of Petroleum and Mining
Location : Kimwarer in Elgeyo-Marakwet County
Investment engagement : PPP

Project description: The project will involve processing calcium and fluorine (CF₂) that is essential for chemical, metallurgical and ceramic processes. The government will lease the existing processing plant to potential investors to undertake mining and processing of fluorspar. The fluorspar deposit extends to individual pieces of land and hence compensation will need to be done before mining of the deposits.

2.15 Security, Peace Building and Conflict Resolution Sector

The Kenya Vision 2030 recognizes security as a foundation for national transformation and sustainable socio-economic development. The Sector is a key incentive for attracting investment as it provides an enabling environment for individuals and businesses to thrive as well as facilitating a secure 24 hour economy. Investment opportunities in the Sector include:

- i. **Name of project** : **Construction of National Police Service**

	Hospital
Implementing Agency	: Ministry of Interior and Coordination of National Government
Location	: Nairobi County
Investment engagement	: PPP

Project description: The project entails the construction and equipping of the National Police Service hospital for the benefit of police service staff and their families. The investor is expected to construct, equip and hand over the hospital and recoup its cost with some interest over a period of time through government financing. The project cost is estimated at USD 100 Million.

ii.	Name of Project	: Construction of 4000T Slipway for Kenya Navy
	Implementing Agency	: Ministry of Defence
	Location	: Kenya Navy Fleet Mkunguni - Mombasa
	Investment Engagement	: PPP

Project description: The project involves the design and construction of a 4000T Slipway and associated Workshops and Parking Areas that will be used for the following:

- Design & Construction of New Ships/Boats/Crafts (up to 150m/4000T) and Ship Components;
- Refit & Conversion of Ships/Boats/Crafts (up to 150m/4000T) and Ship Components;
- Repair & Maintenance of Ships/Boats/Crafts (up to 150m/4000T) and Ship Components;
- Other Maritime Services.

iii.	Name of project	: Modernization of Ammunition Production at Kenya Ordnance Factories Corporation (KOFC).
	Implementing agency	: Ministry of Defence
	Location	: Eldoret, Uasin Gishu County
	Investment engagement	: Export Credit Agency

Project description: The project will involve establishment of 2 new ammunition production lines of NATO and WARSAW including infrastructure at estimated cost of USD 100 million. The project will enhance national and regional security by building capacity and sustaining operations.

iv.	Name of project	: Kenya Defence Forces Food Processing Factory Phase 2
	Implementing agency	: Ministry of Defence
	Location	: Gilgil
	Investment engagement	: Export Credit Agency

Project description: The project will involve purchase and installation of equipment for fruit processing, canning, concentration and freeze dryings, and Meals Ready to Eat (MREs) under Military Industrialization. It will also involve construction of warehouse and administration block at estimated cost of USD 18 million.

