



REPUBLIC OF GHANA

MINISTRY OF WORKS AND HOUSING

(DRAFT)

**SECTOR STRATEGIC MEDIUM
TERM DEVELOPMENT PLAN
2018-2021**

AUGUST 2017

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The MWH SSMTDP (2018-2021) is also available on the internet at: www.mwh.gov.gh.

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LIST OF ACRONYMS

AESL	Architectural and Engineering Services Limited
APR	Annual Progress Report
ARC	Architects Registration Council
ATMA	Accra-Tema Metropolitan Area
CBOS	Community Based Organizations
CSOs	Civil Society Organizations
DA	District Assembly
DMTDP	District Medium Term Development Plan
DPs	Development Partners
DRH	Department of Rural Housing
EIA	Environmental Impact Assessment
EPA	Environmental Protection Agency
FBOS	Faith Based Organizations
FD	Finance Directorate
GAD	General Administration Directorate
GOG	Government of Ghana
GPRS	Growth and Poverty Reduction Strategy
HD	Housing Directorate
HFC	Home Finance Company
HIPC	Highly Indebted Poor Country
HRDMD	Human Resource Development and Management Directorate
HSD	Hydrological Services Department
IAU	Internal Audit Unit
IAA	Internal Audit Agency
IGF	Internally Generated Fund
LGA	Local Government Act
LUSPA	Land Use and Spatial Planning Authority
M&E	Monitoring and Evaluation

MDAs	Ministries, Departments and Agencies
MDBS	Multi-Donor Budget Support
MDGs	Millennium Development Goals
MELR	Ministry of Employment and Labour Relations
MESTI	Ministry of Environment, Science, Technology and Innovation
MGCSP	Ministry of Gender, Children and Social Protection
MLGRD	Ministry of Local Government and Rural Development
MLNR	Ministry of Lands and Natural Resources
MoE	Ministry of Education
MoF	Ministry of Finance
MoH	Ministry of Health
MoI	Ministry of Information
MOJAGD	Ministry of Justice and Attorney General Department
MTEF	Medium Term Expenditure Framework
MWH	Ministry of Works and Housing
NDPC	National Development Planning Commission
NGOS	Non-Governmental Organizations
OHCS	Office of the Head of the Civil Service
PNDCL	Provisional National Defense Council Law
PPBMED	Policy Planning, Budget, Monitoring and Evaluation Directorate
PRI	Private Research Institutions
PRSC	Poverty Reduction Support Credit
PSHLSB	Public Servant Housing Loan Scheme Board
PSRED	Private Sector Real Estate Developers
PWD	Public Works Department
RCD	Rent Control Department
RSIMD	Research, Statistics and Information Management Directorate
SHCL	State Housing Company Limited
SMTDP	Sector Medium - Term Development Plan

SSNIT	Social Security and National Insurance Trust
STMA	Sekondi-Takoradi Metropolitan Area
SUF	Slum Upgrading Facility
SWP	Sector Work Plan
TAS	Traditional Authorities
TDCL	Tema Development Corporation Limited

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EXECUTIVE SUMMARY

The Ministry of Works and Housing (MWH) is a statutory institution and a Central Management Agency of the Government of Ghana. It is mandated to *formulate and implement policies and strategies* to accelerate the development of the *Works and Housing* sub-sectors of the economy of Ghana.

The **2018-2021 MWH Medium Term Development Plan** derives its *policy base* from the *thematic focus, broad policy objectives*, and sector specific *strategies adopted* from the *National Medium Term Development Policy Framework/NMTDPF* which are relevant to the mandate and functions of the Ministry. The Plan translates the relevant *broad sector policy objectives and strategies of GSGDA II (2014-2017)* into *target specific sector policies* and “*drivers*” for implementation.

Sector MTDP Purpose

The Plan is intended to serve as a “*development compass*” that will direct/*guide* the *development interventions* of MWH. The overall purpose is to *enhance operational effectiveness and efficiency* of the MWH towards the *achievement of stated sector policy objectives and time-bound targets* that are in line with the *broad medium -term goals and objectives of NMTDPF*.

The operational focus of this Plan is on *deepening the implementation of identified sector specific strategies* that have *high potency* of resolving the *development challenges* facing the *Works and Housing* sub-sectors of the economy.

MTDP Structure

In line with NDPC sector Planning Guidelines, the 2018-2021 MWH Sector MTDP is structured into 7 inter-related chapters: (1) Profile and Background, (2) Sector Development Priorities and key issues, (3) Medium Term Development Goal, Objectives and Strategies, (4) Development Programmes and Sub-programmes, (5) Annual Action Plan, (6) Monitoring and Evaluation Framework, and (7) Communication Plan.

In consonance with policy objectives and strategies of the “*Infrastructure and Human Settlement and Good Governance*” themes of the New Medium Term Development Plan Framework/NMTDPF (2018-2021), the Sector Medium -Term Development Plan focuses on: (a) *reducing the national housing deficit*, and, (b) *improving infrastructure facilities*, (drainage systems and coastal protection) to protect life and property.

Key Development Issues

The key development issues confronting the Works and Housing sub-sectors of the economy that the Plan seeks to resolve include:

Housing sub-sector

- Growing housing deficit
- Inadequate incentives and capacity for private sector involvement in housing delivery
- Inadequate housing infrastructure services
- Limited public investments in low cost housing
- High and increasing cost of building materials
- Urban sprawl
- Urban concentration in coastal zone
- Rapid urbanisation,
- Rapid growth of slums in cities and towns
- Disparities in access to infrastructure and service provision between urban and rural settlements
- Weak enforcement of planning and building regulations
- Scattered and unplanned human settlements

Works sub-sector

- Recurrent incidence of flooding
- Poor waste disposal practices
- Poor drainage system
- Silting and choking of drains
- Uncovered drains
- Poor landscaping
- Poor and inadequate maintenance of infrastructure
- Absence of a central agency responsible for the development of the construction industry
- Weak classification and certification systems for the registration of contractors
- Lack of regulation of contractor s and performance
- Shortage of skilled construction workers
- Poor management practices on construction sites
- Poor enforcement of regulations and statutes
- Proliferation of sub-standard construction materials and products
- Poor safety, health and environmental management practices at construction sites
- Worsening environmental pressures in both the coastal and marine zones.
- Vulnerability of coastal zone to the impact of climate change
- Potential rise in sea level resulting in wetland flooding,

- Contamination of agricultural soil, loss of habitat and wiping away of entire communities

The interventions to be implemented are meant to resolve the development issues that underpin the achievement of stated medium-term sector *policy goals, objectives and targets*.

The Communication Plan will **deepen “organic stakeholder collaboration”** and build ownership (collective responsibility) among stakeholders, while the Monitoring and Evaluation Framework serves as a compass that guides Plan implementation and assessment of sector performance over the Plan period.

CHAPTER ONE

PROFILE/CURRENT SITUATION/BASELINE

1.0 Introduction/Background

In line with Sections 11 and 13 of the Civil Service Act 1993, (PNDCL 327) and by Executive Instrument (EI. 28, 2017), the Ministry of Works and Housing is mandated to initiate and formulate policies for the Works and Housing sector, as well as coordinate, monitor and evaluate the implementation of plans, programmes, and performance of the sector for national development.

This 2018-2021 Sector Medium Term Development Plan is intended to serve as a “*development compass*” that will direct/*guide* the *operations (development interventions)* of MWH and its various Departments and Agencies. The Plan focuses on the *accelerated development* of the *Works and Housing* sub-sectors of the economy.

The overall purpose of this Plan is to *enhance operational effectiveness and efficiency* of MWH towards the *achievement of stated sector policy objectives and time-bound targets* that are in line with the *broad medium term policy objectives of NMTDPF*. The operational focus of this Plan is on *deepening the implementation of identified sector specific strategies* that have *high potency* of resolving the *development challenges* facing the *Works and Housing* sub-sectors of the economy in the medium to long term.

Although, MWH has the responsibility for realizing *planned targets* and achieving the development results (*outputs and intermediate outcomes*) of **this Plan** at the terminal point (2021), primary and secondary stakeholders would have been identified as “**organic partners**” in the course of Plan implementation. The objective of this organic partnership is to *enhance sector co-ordination and cross-sector collaboration* that will promote *efficiency, effectiveness and measurement of the development results* in the implementation of the MWH 2018-2021 MTDP.

1.0.1 2018-2021 MTDP Structure.

In line with NDPC sector Planning Guidelines, the 2018-2021 MWH Sector MTDP is structured into 7 inter-related chapters as follows:

- Chapter 1: Profile/Current Situation/Baseline
- Chapter 2: Prioritization of development Issues
- Chapter 3: Medium Term Development Goals, Objectives and Strategies
- Chapter 4: Development Programmes and Sub-programmes
- Chapter 5: Sector Annual Action Plan
- Chapter 6: Monitoring and Evaluation
- Chapter 7: Communication Plan

The MWH Sector Medium Term Development Plan (2018-2021) contains:

- 2014-2017 Works and Housing components of the MWRWH Sector Performance Review (with focus on **Targets set and Actual Result** as at Dec.2017,
- “**adopted sector policy objectives** from GSGDA II (2014-2017) ” that underpin the achievement of stated medium term outputs/outcomes for 2018-2021,
- **sector specific strategies** (policy drivers) that will be used to realize the expected deliverables (outputs & outcomes/targets) over the Plan period,
- **mechanisms** for enhancing institutional capacity to achieve stated medium term policy goals and objectives,
- **Institutional co-ordination and collaboration mechanisms** for efficient service delivery in **Works and Housing** sub-sectors of the economy of Ghana.
- **operations** (programmes/ Annual Action Plan) that will be implemented,
- **an M & E Framework** (with sector specific indicators) for **tracking Plan implementation progress** and for **assessing sector performance** over the Plan period.
- institutional arrangement for effective Plan implementation,
- Plan implementation collaborators, (**roles and responsibility of primary and secondary stakeholders**), and
- 2014-2017 **Estimated cost Projections**

1.0.2 2018-2021 MTDP Policy Base

The development of the 2018-2021 Sector Medium Term Development Plan (SMTDP) of the Ministry was based on the **2018-2021 Sector Planning Guidelines** issued by National Development Planning Commission (NDPC) for the preparation of Medium Term Development Plans by Ministries, Departments and Agencies (MDAs) in line with the requirement of the National Development Planning (Systems Act, 1994, Act 480).

The **2018-2021 MWH Medium Term Plan** derives its **policy base** from the *thematic focus, broad policy objectives*, and the sector specific *strategies adopted* from the *National Medium Term Development Policy Framework/NMTDPF* that are relevant to the mandate and functions of the Ministry. The Plan translates the relevant **broad sector policy objectives and strategies of NMTDPF** into **target specific sector policies** and “*drivers*” for implementation.

The Thematic Focus Areas of the National Development Plan Policy Framework that guided the development of this Plan are:

- Economic Development
- Social Development

- **Environment, Infrastructure and Human Settlements;**
- Governance, Corruption and Public Accountability
- Ghana and the International Community

“*Environment, Infrastructure and Human Settlements and Governance, Corruption and Public Accountability*” themes of NMTDPF have direct links to the *mandate and functions* of the Ministry and therefore formed the thematic focus areas of this Plan. However, *cross-cutting issues* relating to *Economic and Social Development and Ghana and International Community* that have *positive correlation and underpin* the achievement of stated medium to long term policy objectives of this Plan were considered in the development of *sector specific strategies and operations*.

Other relevant policy documents that informed the development of this Medium Term Plan were:

- The National Housing Policy,
- The National Population Policy.
- The NPP Manifesto

Also, various Government development policy statements on *accelerating result-based improvements* in the *Works and Housing* segments of the economy of Ghana were taken into account in the development of strategic interventions towards the achievement of sector objectives and targets for 2018-2021.

1.0.3 Methodology

In developing the 2018-2021 MWH MTDP, the following methods were used:

- *Socio-economic beneficiary Impact Assessment,*
- *Quantitative Policy Analysis,*
- *Development Planning Techniques,*
- *Causality Tests(Various),*
- *Quantitative Development policy interrogation,*
- *Spatial Development Techniques,*
- *Sector Capacity Utilization Analysis (institutional & human),*
- *Development prioritization techniques,*
- *Development target setting and performance tracking modelling,*
- *Socio-economic modelling and forecasting techniques, and*
- *Sector-Wide Approach.*

In conducting the *2014-2017 Works and Housing components of the MWRWH Performance Review* (Chapter One), various Causality Tests were performed. The objective was to investigate the *relevant parameters* that were responsible for the *relative development*

changes that occurred between 2014 and 2017 with respect to *specific policy objectives and targets set* for Works and Housing sub-sectors of the economy for the period under investigation.

1.2. Profile

The Ministry of Works and Housing (MWH) is a Government of Ghana Central Management Agency responsible for formulating and implementing policies and programmes for the Housing and Works sub-sectors of the economy.

1.2.1 Vision

Robust and sustainable development of works and housing infrastructure.

1.2.2 Mission

The Ministry of Works and Housing exists to formulate, monitor and evaluate the implementation of policies, plans and programmes for the sustainable management of public landed properties, drainage and coastal protection works, operational hydrology as well as safe, secure, decent and affordable housing using technical expertise and innovative methods, for all people living in the country.

1.2.3 Core Values

- Excellence
- Transparency
- Integrity
- Time consciousness
- Equity
- Accountability
- Quality assurance

Core Functions of the Ministry

Section 13 of the Civil Service Act 1993 (PNDCL 327) states the following:

“A Ministry shall:

- (a) Initiate and formulate policies, taking into account the needs and aspirations of the people;
- (b) Undertake development planning in consultation with the National Development Planning Commission; and
- (c) Co-ordinate, monitor and evaluate the efficiency and effectiveness of the performance of the Sector”

Based on the above framework the Ministry of Works and Housing performs the following specific functions:

- (a) Initiate and formulate housing and works policies taking into account the needs and aspirations of the people.
- (b) Collaborate with MDAs to effectively disseminate information about Government policies, programmes and activities of the sector.
- (c) Coordinate, monitor and evaluate the efficiency and effectiveness of the performance of the Works and Housing Sector.
- (d) Develop appropriate regulations to stimulate competition;
- (e) Develop policies to build capacity for the sector;
- (f) Exercise oversight responsibility over the construction and maintenance of central strategic facilities;
- (g) Create an enabling environment to support government businesses and public-private partnerships within the sector.
- (h) Promote innovation, research and development, training, and investment in the sector
- (i) Support creative and innovative research in the production and use of local building materials.
- (j) Promote optimum peaceful co-existence of Landlords and Tenants through education and reconciliation
- (k) Monitor and Evaluate the implementation of policies and the performance of the sector

Development Goal

The development goal of the Ministry is to sustainably manage the country's scarce resources; ensure the provision of safe, decent and affordable housing as well as infrastructural facilities to accelerate the nation's socio-economic development towards a middle income economy.

This goal will be delivered through an efficient management system that employs all the tools of strategic planning, budgeting and implementation of programmes and projects as well as monitoring and evaluation to ensure transparency and accountability.

Strategic Policy Objectives

The strategic policy objectives are as follows:

- Reduce coastal and marine erosion
- Address recurrent devastating floods
- Enhance climate change resilience
- Promote proactive planning for disaster prevention and mitigation
- Promote proper maintenance culture

- Provide adequate, safe, secure, quality and affordable housing.
- Build a competitive and modern construction industry.
- Enhance quality of life in rural areas
- Enhance production and supply of quality raw materials
- Enhance capacity for policy formulation and coordination
- Enhance application of ICT in national development
- Mainstream science, technology and innovation in all socio-economic activities
- Ensure improved fiscal performance and sustainability

GOVERNANCE STRUCTURE

Ministerial Advisory Board

There shall be established in every Ministry a Ministerial Advisory Board (PNDCL 327). A Ministerial Advisory Board shall consist of the following persons.

- The Minister responsible for the Ministry who shall be the Chairman
- The Deputy Minister of the Ministry;
- The Chief Director and
- Representatives of:
 - i. Three Public Sector Organizations and
 - ii. Three Private Sector Organizations with which the Ministry has the most dealings.

The functions of the Ministerial Advisory Board are to:-

- Promote constant interaction between the Ministry and the users of its services; and
- Advise the sector Minister on adjustments in policy direction, planning objectives and operational strategies.

Political Leadership

The Ministry is headed by a Minister and supported by two Deputy Ministers who provide political leadership.

Office of the Chief Director

The Chief Director is the bureaucratic head and supervises the formulation of effective and efficient sector policies and ensures the consistent implementation of these policies and management practices within the Ministry, its Departments and Agencies. In addition, the Chief Director responsible for the co-ordination and monitoring of all the activities of the various Directorates, Departments and Agencies, to ensure the achievement of sector goals and objectives.

The Line Directorates

The Civil Service Law provides among other things, that each Ministry must make provision for Four (4) Line Directorates all reporting to the Chief Director. However, Ministries can also seek approval for the creation of additional Directorates which are technical in nature.

In accordance with this statutory requirement the organizational structure establishes positions for the four (4) line Directorates, two (2) Technical Directorates, a Finance Directorate and an Internal Audit unit.

The Directorates and unit are defined below:

1. The Directorate for Human Resource Development and Management (HRD&M)

The Human Resource Development and Management Directorate is to ensure: the availability of requisite and adequately trained staff for the effective operations of the Ministry through modern human resource planning, ensuring the availability of the requisite skills mix for the effective and efficient functioning of the Ministry as well as the implementation of approved human resource policies and practices of the Civil Service. The Directorate also provides HR services to the Departments and Agencies under the sector and links them up with the Office of the Head of Civil Service (OHCS) and the Public Services Commission.

It has three (3) functional areas comprising the Secretariat, Training and Development, and Career Management Units.

2. The Directorate for Research, Statistics and Information Management (RSIM)

The Research, Statistics and Information Management Directorate provides the needed input for policy formulation and decision making through the collection and analysis of both primary and secondary data, as well as operational research and documentation.

The Directorate also projects the image of the Ministry by disseminating information on Housing and Works and other key programmes and activities of the Ministry.

It has four (4) functional areas comprising the Secretariat, Research & Statistics unit, the Client Service Unit, and the Information Management Unit.

3. The Directorate for Policy Planning, Budgeting, Monitoring and Evaluation (PPBME)

This Directorate is responsible for the development of comprehensive and sustainable policies, legislations, plans and programmes while ensuring resource flows to the sector in collaboration with relevant stakeholders.

It caters for the design and application of monitoring and evaluation systems for the purposes of assessing the operational effectiveness of the Ministry, its implementing Departments and Agencies, as well as the activities of other key stakeholders in meeting the sector's short, medium, and long-term objectives and targets.

It also co-ordinates the preparation of the Sector's Budget and the Medium Term Development Plan.

The PPBME Directorate has four (4) functional areas comprising the Secretariat, the Policy Planning Unit (PPU), the Budget Unit, and the Monitoring and Evaluation (M&E) Unit.

4. The Directorate for Works (W)

The Works Directorate provides technical support and consultancy services for public projects. It collaborates with the PPBME Directorate for the formulation of policies, plans, programmes and projects guidelines and standards for the provision of consultancy and contracting services as well as the maintenance and protection of state buildings and infrastructure properties. It also plays the supervisory role for coastal protection projects and operational hydrology works.

It has six (6) functional areas comprising; the Secretariat, Maintenance, Operational Hydrology, Coastal Protection, Drainage, and Contractors Classification Units.

5. The Directorate for Housing (H)

The Directorate provides technical and professional advice and services in the area of housing. In collaboration with the PPBME it is also responsible for the development of policies, programmes as well as the monitoring of their implementation to facilitate the provision of safe, adequate and decent housing.

It has four (4) functional areas comprising; the Secretariat of the Director of Housing, Urban Housing, Rural Housing, and Building Materials Units

6. The Finance Directorate

The Finance Directorate deals mainly with General Accounting and the disbursement of the Ministry's approved budget. It also safeguards the interest of the Ministry in all financial transactions relating to revenue and expenditure, and ensures good financial administration.

The Finance Directorate has three (3) functional areas comprising; the Secretariat, Treasury, and Ministry Accounts units.

7. The Directorate for General Administration (G/A)

The Directorate provides administrative, managerial, secretarial, logistical and maintenance support to ensure the attainment of organizational goals.

Generally, the Directorate offers administrative support to ensure the effective functioning of the sector for the achievement of its goals. It also ensures the availability of services and facilities necessary to support the administrative and other functions of the sector.

It has six (6) functional areas comprising; the Secretariat, Administrative Services, Procurement and Stores, Records Management, Estates, and the Transport Units.

SPECIALISED UNITS

Internal Audit Unit (IA)

The Internal Audit Unit provides objective assurance, evaluates the effectiveness of risk management, internal controls and governance processes for effective and efficient service delivery.

The core functions are to determine the timeliness and accuracy of financial information, evaluate compliance with statutory regulations, ascertain the judicious use of resources and facilitate risk management in the Ministry.

Public Relations Unit

The Unit develops, implements, and reviews communication strategies to market and communicate the Ministry's policies, programs, projects and activities to the public and also receive and manage public responses and enquiries.

Legal Unit

The sector intends to establish a legal unit which would be responsible for providing legal and legislative support services to the Ministry by way of legal interpretations, liaison with the Ministry of Justice and Attorney General's Department and inputs into policy formulation as well as other international protocols, conventions and treaties.

Client Service Unit

The Client Service Unit is responsible for standardizing and communicating to the public the services delivered by the Ministry as well as the process for complaint handling. The unit also provides information on the nature of the operations of the Ministry. It deals with complaints from the public regarding services and ensures that genuine problems are addressed adequately.

The **Client Service Unit** will endeavor to:

- Provide a clean, healthy, friendly and functional client service unit.

- Provide our clients with timely, accurate and reliable information in a transparent manner
- Make available documents (i.e. handouts, brochures, pamphlets) to our clients
- Place a suggestion box at a vantage point to our client to facilitate feedback on the quality of our services
- Undertake client service survey annually and publish the results.
- Mark all office doors clearly to facilitate easy identification and access.
- Provide a One Stop Shop for Information on the Sector
- Ensure continuous improvement in our service delivery.

In performing its functions, the operations of the Ministry takes into account critical national development issues including the following:

- *improving the general economic climate*
- *promoting Decentralization,*
- *advancing the course of gender equality*
- *mitigating the negatives effects of climate change*
- *promoting Green Economy*
- *population growth and vulnerability*
- *Science, Technology and Innovation (STI) ,*
- *socio-economic dimensions of national development, and*
- *“spatial perspectives” of physical development*

1.2.5. IMPLEMENTING DEPARTMENTS AND AGENCIES

The Ministry also exercises supervision and oversight responsibility over its implementing Agencies and Departments through their Governing Boards and Heads of Management. These are:

Works Sub-Sector Departments and Agencies

- Public Works Department (PWD)
- Hydrological Services Department (HSD)
- Engineering Council (EC)
- Architectural and Engineering Services Limited (AESL)

Housing Sub-Sector Agencies

- Rent Control Department (RCD)
- Department of Rural Housing (DRH)
- Public Servants Housing Loan Scheme Board (PSHLSB)

- Architects Registration Council (ARC)
- State Housing Company Limited (SHCL)
- Tema Development Company Limited (TDCL)

Briefs on the Departments and Agencies

WORKS SUB-SECTOR:

Public Works Department (PWD)

It is the Government's Estate Agent charged with the responsibility of supervising the construction and maintenance of all Government bungalows, office blocks and other landed properties.

Hydrological Service Department

It is responsible for the programming and co-ordination of coastal protection works, construction and maintenance of storm drains countrywide and the monitoring and evaluation of surface water bodies in respect of floods.

Engineering Council (EC)

It regulates the practice of engineering and provide for regulated matters to secure the highest professional standards in the practice of engineering.

Architectural and Engineering Services Limited (AESL)

It provides Consultancy Services in the area of Engineering and Architecture to organizations as well as individuals.

HOUSING SUB-SECTOR

Rent Control Department (RCD)

It works cooperatively with landlords and tenants to promote optimum peaceful coexistence through education, reconciliation while also providing advice on rent matters in compliance with the Rent Act 220 (1963).

Department of Rural Housing (DRH)

It is mandated to formulate policy and develop projects and programmes to increase access to safe, decent and affordable housing in rural and peri-urban areas while also facilitating the dissemination of creative and innovative research findings in the production and use of improved indigenous building materials.

Public Servants' Housing Loans Scheme Board (PSHLSB)

It has the responsibility to administer the Public Service Housing Loan facility to assist Public Servants acquire dwelling houses.

Architecture Registration Council (ARC)

It is the regulatory body for the architectural profession responsible for securing the highest practicable standards in the practice of architecture in Ghana and the registration of persons within the Architectural Profession.

State Housing Company Limited (SHCL)

It is mandated to “increase the availability of dwelling houses in Ghana” by developing, building and managing public housing estates throughout the country.

Tema Development Company Limited (TDCL)

It has the responsibility to plan and develop about 63 square miles of public land for various economic operations in Tema and also manage the township that had been created and to provide accommodation to those that would be engaged in these economic operations.

The specific functions of the Departments and Agencies under the Ministry are *interrelated*, and *re-enforce* each other in the provision of goods and services relating to **Works and Housing** sub-sectors of the economy.

1.3 2014-2017 Sector Performance Review

1.3.1 Review Objective

The main objectives of the MWH 2014-2017 MTDP Performance Review were to:

- *determine policy relevance as the basis for the development of the MWH 2018-2021 MTDP (i.e. to investigate which sector policy objectives produced the desired development results over the plan period),*
- *investigate the potency of strategies used (i.e. strategies that worked well, worked partially, or did not work at all, with respect to time-bound targets),*
- *investigate the extent of realization of targets set and their implications for the sector and the aggregate economy,*
- *assess the extent of implementation of the overall 2014-2017 MTDP.*
- *determine operations (programmes/projects) that are still relevant for consideration in the 2018-2021 sector MTDP*
- *evaluate the cost effectiveness of 2014-2017 plan implementation*
- *draw evidence-based performance conclusions*

- *document positive/good plan implementation lessons for replication, and*
- *develop mechanisms to resolve challenges encountered over time.*

The Performance Review focuses on the analysis of the operations undertaken within the four (4) years period with respect to stated policy objectives and targets set.

1.3.2 Scope of Review

The *2014-2017 SMTP performance review* covered the *analysis* and the status of implementation of all operations (programmes and projects) relating to *Works and Housing* sub-sectors of the economy for the four year period. The domain was on investigating the relationship between *medium term policy objectives and set targets (outputs & outcomes)* on one hand, and the *actual results of operations* on the other hand so as to draw evidence-based development conclusions.

The review process focused on comparing targets set to the actual results (outputs and outcomes) realized at the terminal point of the Plan (December 2017). Various Causality Tests were conducted to:

- assign reasons for the achievement or non-achievement of medium term development objectives and targets,
- determine the potency of policy drivers (strategies) that accounted for the achievement of earmarked results at the terminal point of the Plan (December 2017),
- investigate the overall operational efficiency of the 2014-2017 Plan and
- draw evidence-based empirical development conclusions

1.3.3.1 Works Sub Sector

Under the *Works Sub-Sector*, the goal of the Ministry (2014-2017) was to ensure sustainable development of infrastructure facilities relating to flood control systems, drainage, coastal protection works and operational hydrology. Major operations implemented during the 2014-2017 Plan period included the following:

1.3.3.1.1 Storm Water Drainage Works

The Ministry, acting through the Hydrological Services Department undertook the construction of storm water drainage and sanitation works at the following locations:

- Sakaman Drainage works (Lot I, Lot II),
- Nima Drain Extension works,
- Akora River Drainage Works at Swedru,

- Sakumo Lagoon Inlet channel Project,
- Construction of Goaso (Lot I, Lot II, Lot III) and Mim (Lot I) drainage works
- the Kumawu drainage works (Lot I, Lot II)
- Tepa drainage works (Lot I, Lot II),
- Ejura Drainage works (Lot I, Lot II),
- Tamale Drainage works (Lot I, Lot II)
- Winneba Drainage (Lot I, Lot II)
- Onyasia Upstream Drainage,
- Klagon project, and
- Asankragua works (Lot II, III)

1.3.3.1.2 Coastal Protection Works

A number of coastal protection works aimed at protecting life and property were undertaken. They included:-

❖ Ngiresia Emergency Sea Defense

The Ngiresia coastal protection works has been completed and handed over.

❖ Aboadze Coastal Protection Works

The Coastal protection works at Aboadze is located in the Western Region of Ghana. The beach along the Aboadze coastal stretch was eroding at an alarming rate due to strong wave action hence, the implementation of the project which was aimed at protecting the land, preventing further erosion and protecting life and property particularly the Aboadze Thermal Plant. Construction works were completed in 2017 and is yet to be handed over.

❖ Nkontompo Coastal Protection Works

The coastal protection works at Nkontompo is located in the Western Region of Ghana. The project is aimed at protecting the land and preventing further erosion and protecting life and property. The project commenced in 2013 and was scheduled to be completed in 2015. Construction works however were completed and handed over in 2017.

❖ Dansoman Emergency Coastal Protection Works

The Coastal protection works at Dansoman is located in the Greater Accra Region. Work commenced on the project in 2015. Current state of implementation is 45%. When completed, the erosion along the Dansoman coastal stretch will be mitigated.

❖ Adjoa Coastal Protection Works

The coastal protection works at Adjoa is located in the Western Region. The works commenced in 2014 and was scheduled to be completed in 2016. The contract was extended as a result of changes in the type of coastal protective structure. The current

state of implementation is about 65%. When completed, the erosion along the Adjoa coastal stretch will be alleviated. .

❖ **New Takoradi Coastal Protection Works**

The Coastal protection works at New Takoradi is located in the Western Region of Ghana. The project commenced in 2014 and was scheduled to be completed in 2016. The contractor completed the works in 2016 ahead of schedule.

A continuation of the works was awarded in 2016 at Elmina and is on-going. The current state of implementation is 40%. The works are to mitigate the erosion along the coastal stretches.

❖ **Blekusu Coastal Protection Works**

The coastal protection works at Blekusu is located in the Volta Region of Ghana. The Project was awarded in 2015 and is scheduled to be completed in 2017. Current state of implementation is about 45%. When completed, the erosion along the Blekusu coastal stretch will be mitigated.

1.3.3.1.3 National Flood Control Programme

The objective of this programme was to improve sanitation, ensure sustainable environment, and protect life and property. Under the programme, the Ministry undertook channel opening, deepening, widening and de-silting works at the following locations:

Ashongman, Madina Trassaco villas, Dome-Kwabenya, Nungua-Baatsona, Kumasi, Ashaley botwe(Maye Hot), Cape Coast Amanfrom, Agbogba, Pokuase, Taifa, Kasoa, Teshie, Tema New Town, Adenta, Frafraha, Dawhenya, Ashongman, Haatso, Ada, La Abafun, Larteh Akwapim, Kpando, Kasoa Iron City, La Tebuae, Korle-Gonno St. Mary's Area, Abeka La Paz drainage , Anyaa, Oblogo, Mallam, Gbawe, Kwabenya, Sakaman and East Legon Dzorwulu, Martey Tsuru, Kumasi, Cape Coast, Ho, Takoradi, Hohoe, Agormanya, New Edubiase, Kwabeng, Dodowa, Damfa, Pantang

1.3.3.2 Housing Sub-Sector

Available statistics indicates that the Housing deficit in Ghana is in excess of **1.7 million housing units**. To reduce the deficit and accommodate new households, there is the need for an annual delivery of over **170,000 housing units per year over 10 years**. (2017-2027).

The principal objective of Government is to facilitate access to housing, especially for *low to middle income earners*. To resolve the national housing deficit, the Ministry, in collaboration with key stakeholders, initiated a number of development interventions. At the policy level, the following were produced.

- Draft National Housing Policy,
- Ghana Housing Implementation Strategy
- Ghana Housing Sector Profile,
- Ghana Building Code and Review of Building Regulations,

- The Establishment of an Engineering Council,
- The Establishment of a Survey Council,
- The Establishment of a Real Estate Agency/ Authority, and
- Proposed Legislation on Condominium Properties.

These *policy and legal* initiatives were meant to support other development interventions that were intended to “*give a frontal attack*” to the increasing housing problem in Ghana.

1.3.3.2.1 Government of Ghana Affordable Housing Programme

The **Affordable Housing Programme of the Government of Ghana** began in 2005. The objective is to provide accommodation for low to middle income workers facing acute housing challenges. The initial target was to provide **100,000 housing units over a 5 year** period, through direct government intervention in partnership with the private sector. The Programmes/projects included the following:

1. Borteyman/Nungua in Accra -commenced in February 2006 and extended in May 2006 to Kpone near Tema,
2. Asokore-Mampong project in Kumasi.
3. Koforidua project - launched in July, 2007
4. Tamale and Wa projects - in September, 2007. However, actual construction commenced in Wa in April 2011.

A number of the housing units have reached advance stages of completion. They currently require only the installation of electrical, plumbing, fixtures and fittings and connection to the grid (i.e. power, water and sewerage system). However, many contractors have failed to deliver on schedule and therefore had their contracts terminated. **Tables 1.1** show selected performance statistics and the status of the Housing Sub-sector

Table 1. 1: Housing Sub-sector: status of Projects

Project Site	No. of stores	No. of Units	Flat Type		Status as @ Dec.2017
			1BR	2BR	
Borteyman	20	1478	734	744	Project has been completed
Kpone	20	1526	614	912	The overall project completion is estimated at 65%. There are 104No. blocks of flats of two (2) and one (1) bedrooms at various stages of completion. 14No. are roofed and painted, 29 No. are roofed and at various stages of completion, 14No. are at third floor to roof stage, 7No. are at second floor to third floor stage, 2No. are at first floor to second floor stage, 17No. are at ground floor to first floor stage with 21No. at sub-structural stage.
Asokore-Mampong	52	1030	342	688	The overall project completion is estimated 61%. There are 77No. blocks of flats of two (2) and one (1) bedrooms at various stages of completion. 34 No. are roofed and at various stages of completion, 8No. are at the Gable stage, 10 No. at the third floor, 8No. are at second floor stage, 8No. are at first floor stage, 9No. are at ground floor and sub-structural stage.
Koforidua	Nil	342	54	288	The overall project completion is estimated at 25%. There are 18No. blocks of flats of two (2) and (1) bedroom. Only 1No. has been roofed with 1No. at the roofing stage. 3No. are at the 3 rd floor formwork and reinforcement and another 3No. at the 2 nd floor formwork and reinforcement. 2No. are at the ground floor columns. 5No. are at the sub-structural level. Work on the access roads is in progress.
Tamale	Nil	200	80	120	The overall project completion is estimated at 29%. There are 10 No. semi-detached blocks of flats with 20No. contractors. 2No. are at roofing level, 5No. are at third floor level, 2No. are at second floor level with 2No. at first floor level. 9No. are at ground floor level. Work on access road is in progress.
Wa	Nil	144	72	72	The overall project completion is 11%. Contractors have been paid mobilization funds and constructional work commenced only in April 2011.
Total	92	4720	1896	2824	

1.3.4 Selected Performance Results

Table 1. 2: Selected Sub sector performance RESULTS at a Glance: (PLAN TARGETS & RESULTS)

SUB-SECTOR	Target	Actual Result Dec.2017	Remarks
<i>Works</i>	Complete on-going costal protection works and drainage system to protect life and property.	A number of coastal protection works and drainage systems were completed Others are still on-going	Low inflow of financial resources
<i>Housing</i>	Complete affordable housing unit for low and middle income earners.	A total of <i>4,720 housing units</i> were at various stages of completion as at Dec. 2017	Weak public-private sector collaboration

Table 1. 3: Status of Implementation of Programmes

POLICY OBJECTIVES	OUTPUTS OR PROGRAMMES	INDICATOR	TARGET	LEVEL OF ACHIEVEMENT				REMARKS
				2014	2015	2016	2017	
<u>Housing/ Shelter</u> Promote functional relationship among towns, cities and rural communities.	Review of existing policy documents on housing for accelerated housing delivery.	No. of Policy Documents reviewed	1	Draft form	Draft Form	Draft Form	Final Draft	The implementation strategy on housing policy has been developed and submitted
	Organize workshop & Seminars for probationer Architects, Building, and Planning Inspectors and other relevant bodies and information dissemination to general public.	No. of Probationer Architects trained	Probationer Architects - 270	51	83	68	79	Policy to compel all Architectural practitioners to be released for refresher courses Review of Architectural Act
		No. of Building Technicians / Inspectors trained	Building Technicians / Inspectors- 120	32	45	-	24	The seminars for technicians in 2012 did not come on due to lack of funds and other logistics for the workshop

POLICY OBJECTIVES	OUTPUTS OR PROGRAMMES	INDICATOR	TARGET	LEVEL OF ACHIEVEMENT				REMARKS
				2014	2015	2016	2017	
	Organize Professional Qualifying Examination and Induction ceremony for Newly qualified Architects	No. of examination and induction ceremonies organized	4	1	1	1	1	Target achieved
	Organise Training for ARC Staff	No. of Staff Trained	8 staff trained	1	1	8	8	Annual target should be set and increase staff level of ARC
Increase access to safe ,adequate and affordable shelter	Acquisition of 2,000 housing units by public and civil servants facilitated by PSHLSB.	No. of Housing Units completed by beneficiaries	600 (150 each year)	52	53	101	10	More funds needed to meet target
	Rent Act 220 (1963) reviewed and a draft rent bill developed to meet best practices	2010	2013	Draft Rent bill developed	Proof reading of the draft bill	Proof reading of the draft bill	Final draft submitted to the ministry	Review of Rent Act is long overdue
	Training Needs of all Rent Officers identified and carried out.	Training manual developed Workshop organized	30 Rent Officers	-	-	-	15	Increase number of Rent Officers
	Increase access to Rent Control Offices in MMDAs with high rent related issues	Number of rent control offices opened	15	2	4	2	8	Due to lack of office accommodation the dept. is compelled to rent private facilities at high cost thereby flouting of rent laws
Increase access to safe ,adequate and affordable shelter	Rehabilitate, refurbish and maintain Prestige Buildings countrywide.	Number renovated	128	58	58	58	114	Low inflow of funds
	Rehabilitate, refurbish and maintain 1,400 Government Bungalows countrywide.	Number renovated	400	43	57	94	131	Low inflow of funds
Accelerate the provision and improve environmental	Rehabilitate 50 sewage treatment plants countrywide.	Number of treatment plants rehabilitated	15	1	1	1	1	Low inflow of funds

POLICY OBJECTIVES	OUTPUTS OR PROGRAMMES	INDICATOR	TARGET	LEVEL OF ACHIEVEMENT				REMARKS
				2014	2015	2016	2017	
sanitation.								
Minimize the impact of disasters and develop adequate response strategies	500 Government properties connected to the central sewage system.	Number of Government properties connected.	100	-	-	-	-	No budgetary allocation
	Re-channel, upgrade and maintain 60km of the country's storm drainage system.	Kilometers of storm drains rechanneled, upgraded and maintained.	60	-	54	54	79	Target exceeded due to adequate inflow of funds
	Construct the Keta Sea Defence Resettlement Housing project.	No. of housing units i.e., types A, B, C to be constructed.	836	353	447	562	584	Delay in release of funds, thus affecting timely delivery.
Promote and facilitate private sector participation in disaster management (e.g flood control systems and coastal protection).	Reclaim and restore the Korle Lagoon.	Korle lagoon reclaimed and restored	1	-	-	-	-	No budgetary allocation
	Drainage master plan developed for all districts.	Number of master plans developed	50	-	-	-	-	No budgetary allocation
	Establish flood forecasting and warning systems for all Regional Capitals.	Number of forecasting systems established	10	-	-	-	-	No budgetary allocation
	Construct 100km of primary storm drains.	Km of Primary storm drains constructed	50	-	2	2.5	2.5	Low inflow of funds

1.4 Financial Allocation Trend

During the 2014-2017 MTDP implementation, the Ministry was allocated a total amount of GH¢436,972,801.00. The classifications are as follows:

- Employee Compensation – GH¢ 40,699,688.00
- Goods and Services – GH¢ 5,334,240.00
- Capex (Assets) – GH¢ 154,763,788.00
- Internally Generated Funds – GH¢ 2,991,692.00
- Donor Funds – GH¢ 78,991,692.00
- other Funds (SIP, ABFA) – GH¢ 154,550,076.00

MWH 2014-2017 Budget allocation trend by classification are shown in Table 1.4.

No. Item	Description of item	2014	2015	2016	2017	TOTAL
1	Employee compensation(GOG)	19,093,581.00	5,607,588	8,743,995	7,254,524.00	40,699,688.00
2	Goods and Services(GOG)	2,206,677.00	1,103,340	564,457	1,459,766.00	5,334,240.00
3	capex/Assets(GOG)	54,013,788.00	750,000		100,000,000.00	154,763,788.00
4	Internally Generated Funds (IGF)	2,217,620.00	242,444	0	173,253.00	2,633,317.00
5	Donor	78,991,692.00	0	0	0	78,991,692.00
6	Others (ABFA, SIP)	-	59,767,244	94,782,832	0	154,550,076.00
	Grand Total	156,523,358.00	67,470,616	104,091,284	108,887,543.00	436,972,801.00

Table 1. 4: Summary of Budgetary Allocation (2014-2017)

Source: MOF and Various Sector Budget estimates

1.5 2014-2017 Plan implementation challenges.

The challenges encountered during Plan implementation included the following:

- Inadequate inflow of funds to implement programmes/projects. (The Ministry has initiated an aggressive Revenue Mobilization (IGF) strategy to support operational funding)

- Weak sector co-ordination and inter-sector collaboration. (An *organic partnership strategy* will be developed in 2018)
- Inadequate resources for Monitoring and Evaluation
- lack of a comprehensive data base for evidence-based decision on Works and Housing sub-sectors of the economy
- weak public –private partnership to enhance efficient service delivery
- Over-reliance on Central Government to provide services relating to Water, Works and Housing segments of the economy.
- Inadequate public education on waste reduction in revenue water supply.

The Ministry has also initiated stakeholder dialogue to find lasting solutions to the challenges encountered during the implementation of the 2014-2017 SMTP.

1.6 Key Development issues

The MWH 2014-2017 *Performance Review* Results revealed a number of sector specific development issues that underpin the achievement of medium to long term sector policy objectives of the Ministry. Table 1.5 indicates a summary of these issues categorized into *Housing, Works, and Water* sub -sectors

Table 1. 5: Summary of Key Development Issues (2014 -2017)

№	SUB-SECTOR	DEVELOPMENT ISSUES
1	HOUSING	<ol style="list-style-type: none"> 1. Huge housing deficit 2. Lack of a housing policy to guide the operation of Housing sub-sector 3. Over stretched housing /infrastructure services 4. Cumbersome and insecure land acquisition procedures 5. Inadequate incentives and capacity support for private sector involvement in housing delivery 6. Limited use of local building materials for housing construction 7. Weak enforcement of standards and codes in the design and construction of houses 8. Uncoordinated land development 9. Poor quality of rural housing 10. Lack of a comprehensive special policy 11. Proliferation of slum development 12. Weak enforcement of Housing Laws and Regulation 13. Weak legal framework (Acts 462, Acts 480) on slum development and slum upgrading and prevention 14. Susceptibility and lack of appropriate land and regulatory

№	SUB-SECTOR	DEVELOPMENT ISSUES
		framework to address the needs of the urban poor 15. Unclear mandate of local authorities to facilitate housing provision
2	WORKS WORKS	1. High exposure of settlements and infrastructure to natural and man-made hazards 2. high vulnerability of fishing settlements along the coast- 3. Inappropriate design of structures along vulnerable and eroding coastlines. 4. Lack of regular monitoring and maintenance of installed shore protection structures 5. Inadequate capacity at the district level to develop emergency response 6. Unrestricted development in high hazard areas 7. Lack of plans to relocate highly vulnerable communities 8. High vulnerability to natural disasters 9. Weak management capacity of the impacts of natural disasters and climate change 10. Increasing frequency and impact of droughts, floods, forest and other fire outbreaks

The current **development challenges** facing service delivery in the *Works and Housing* sub-sectors of the economy (Table 4) have been prioritized in Chapter 2.

CHAPTER 2

PRIORITISATION OF DEVELOPMENT ISSUES

2.0 Introduction

This Chapter is on *prioritized key development issues* identified through current Situation Analysis conducted in Chapter 1. These issues underpin the achievement of development *objectives and overall medium to long-term sector Goals* of the Ministry. The *strategies (adopted from New Medium Term Development Plan Framework (NMTDPF) and other relevant sector development research/studies)* contained in Chapter 3 and development interventions in Chapter 4 are designed to *resolve the key prioritized challenges* to enable the *Works and Housing* sub-sectors of the economy achieve their objectives and targets for the 2018-2021 Plan period. The issues are therefore prioritized into sub-sectors using *RESULT-BASED PREFERENCE APPROACH* and various *Scenario Analysis*.

2.1 Sector Development Priorities

The Situation analysis conducted in Chapter 1 revealed a number of development challenges and unresolved issues facing the **Works and Housing** sub-sectors of the economy. The development priorities for the Medium-term are:

- ✓ Reducing National Housing Deficit through the provision of safe, secure and affordable housing units particularly for low and middle-income groups in collaboration with the private sector.
- ✓ Improving infrastructure facilities to prevent coastal erosion and provide drainage and hydrology systems.
- ✓ Building the capacity of the Ministry to increase productivity and enhance service delivery, and
- ✓ Mobilizing domestic resources (IGF) to support sector development interventions.

2.2 Summary of prioritized Development Issues

The identified development issues have been *prioritized* into *Housing, and Works* sub-sectors indicated in **Table 2.1**.

Table 2. 1: Summary of prioritized Key Development issues

№	SUB-SECTOR	DEVELOPMENT ISSUES
1	HOUSING	<ul style="list-style-type: none"> • Growing housing deficit • Inadequate incentives and capacity for private sector involvement in housing delivery • Inadequate housing infrastructure services • Limited public investments in low cost housing • High and increasing cost of building materials • Urban sprawl • Growth of slums • Urban concentration in coastal zone • Rapid urbanisation, resulting • in urban sprawl • Rapid growth of slums in cities and towns • Disparities in access to infrastructure and service provision between urban and rural settlements • Weak enforcement of planning and building regulations • Scattered and unplanned human settlements
3	WORKS WORKS	<ul style="list-style-type: none"> • Recurrent incidence of flooding • Poor waste disposal practices • Poor drainage system • Silting and choking of drains • Uncovered drains • Poor landscaping • Poor and inadequate maintenance of infrastructure • Absence of a central agency responsible for the development of the construction industry • Weak classification and certification systems for the registration of contractors • Lack of regulation of contractor conduct and performance • Shortage of skilled construction workers • Poor management practices on construction sites • Poor enforcement of regulations and statutes • Proliferation of sub-standard construction materials and products • Poor safety, health and environmental management practices at construction sites • Worsened environmental pressures in both the coastal and marine zones. • Vulnerability of coastal zone to the impact of climate change • Potential rise in sea level resulting in wetland flooding • Contamination of agricultural soil, loss of habitat and wiping

№	SUB-SECTOR	DEVELOPMENT ISSUES
		away of entire communities

In prioritizing the development issues, “*weights*” and “*policy ranking techniques*” as well as impact assessments of *Works and Housing* sub-sectors on the aggregate economy were used.

To improve sector performance over the medium term (2018-2021), MWH will focus on investment in programmes/ projects (operations) for accelerated improvement in service delivery in the *Works and Housing sub-sectors of the economy*. Operational sector *effectiveness, efficiency and measurement for Results* shall be the hall mark of the Ministry and its “organic partners” during the 2018-2021 plan implementation.

During the Plan period (2018-2021), the Ministry will focus attention on strategies and interventions to *resolve the development challenges* of the following sub-sectors of the economy with specific reference to the following:

Housing sub-sector - *reduce the national housing deficit* through the provision of *adequate, safe, secure, quality and affordable* housing schemes in collaboration with the private sector.

Works sub-sector - *reduce coastal and marine erosion and build a competitive and modern construction industry* to protect life, property and the environment.

- *address recurrent devastating floods and promote proper maintenance culture* to protect life, property and the environment.

Specifically, the medium term sector *specific strategies* of **Chapter 3** are designed to resolve the key development issues identified to enhance development performance of MWH and the achievement stated in the sector policy objectives and targets of (2018-2021MTDP).

MWH 2018-2021 sector development goals policy objectives, strategies and Plan terminal Targets are contained in Chapter 3

CHAPTER 3

DEVELOPMENT GOALS, ADOPTED OBJECTIVE AND STRATEGIES

3.0 Introduction

This section is on the 2018-2021 MWH sector goals, specific policy objectives (derived from NMTDPF broad policy objectives) and strategies (policy drivers) of the 2014-2017 SMTP. *The goals, objectives and strategies* therefore constitute the medium term “parameter co-efficients” of the Plan. The *development projections* (targets) are the *expected products of plan execution* over time.

The National Medium Term Development Policy Framework identifies five thematic areas to guide National Development Planning in Ghana for the period 2018-2021. These are:

- Economic Development
- Social Development
- **Environment, Infrastructure and Human Settlements**
- Governance, Corruption and Public Accountability
- Ghana and the International Community

Based on the prioritised key development issues (Chapter 2) and in consonance with the mandate and function of the Ministry, (1) **Environment, Infrastructure and Human Settlements and Governance, Corruption and Public Accountability**” are the most relevant Thematic Areas from the NMTDPF that informed the development of the (2018-2021) sector Medium Term Plan of the Ministry. As indicated in Chapter 1, these two thematic areas constitute the policy base of the Plan.

However, in formulating sector strategies (policy drivers) and interventions to translate the policy objectives of the *Works and Housing* sub-sectors into measurable results, inter-disciplinary approach to solving development challenges was used. *Cross-cutting issues* from the following thematic areas of NMTDPF that have *positive correlation* with the achievement of MWH sector specific objectives and targets were adequately taken into account:

- Economic Development
- Social Development
- Ghana and the International Community

3.1 Sector Development Goal/s

The development goal of the Ministry is to sustainably manage the country's scarce resources; ensure the provision of safe, decent, secure and affordable housing as well as infrastructural facilities to accelerate the nation's socio-economic development towards a middle income economy.

This goal will be delivered through an efficient management system that employs all the tools of strategic planning, budgeting and implementation of programmes and projects as well as monitoring and evaluation to ensure transparency and accountability.

These sector specific medium term goals (*which are derivatives of the broad goals of (NMTDPF)*) will be achieved through:

- Consolidating the development sector gains made in 2014-2017.
- *Efficient management systems*
- *Strategic planning, monitoring & evaluation,*
- *Institutional capacity enhancement* for improved service delivery
- Effective sector policy targeting.
- Implementing the target specific and result-based strategies of the current Plan
- Efficient utilization of available financial resources.
- Strengthening organic public-private sector partnership,
- *Ensuring sector accountability* through Good Governance
- Conducting sector policy re-engineering.
- Strengthening sector co-ordination
- Recognizing the "*dichotomy between Political Ambition and economic realities*" over time.

3.2 Sector Specific Policy Objectives

The three (3) broad Medium term policy objectives of MWH 2018-2021 SMT Plan are:

- reduce the national housing deficit through the provision of adequate, safe, secure, quality and affordable housing schemes in collaboration with the private sector
- reduce coastal and marine erosion and build a competitive and modern construction industry to protect life, property and the environment
- address recurrent devastating floods and promote proper maintenance culture to protect life, property and the environment

The Medium Term sector specific objectives of the Ministry are linked to the following broad development goals of NMTDPF.

- Create opportunities for all
- Safeguard the natural environment and ensure a resilient built environment
- Maintain a stable, united and safe society
- Strengthen Ghana's role in international affairs
- Build a prosperous society

3.3 Development Projections

The sector development projections for MWH 2018-2021 SMTDP are directly linked to the national development goals and objectives of the National Medium Term Development Policy Framework. The projections are derived from the Main outputs and targets set in Programmes (Action Plan) of **Chapter 4**. They are based on the following:

- *historical sector development trend analysis,*
- *increased sector policy targeting,*
- *expected sector investment spurt during Plan implementation,*
- *efficient use of available development resources,*
- *commitment to achieve sector development goals and objectives of this Plan,*
- *expected improvement in the general economic climate,*
- *strengthen organic private-public partnership,*
- *enhanced institutional capacity for improved service delivery, and*
- *high level of political commitment to sector/national development.*

The **base line** (reference point) for MWH 2018-2021 development projections is the sub-sector results (*main outputs and intermediary outcomes*) achieved at the terminal point of MWH 2014-2017 Sector MTDP.

The development projections for the 2018-2021 MWH Plan are classified under *Housing, and Works* sub-sectors of the economy as follows:

3.3.1 Housing sub-sector

To *reduce the national housing deficit through the provision of adequate, safe, secure, quality and affordable housing schemes in collaboration with the private sector*, the following targets have been set.

- National housing stock increased by **30 %** by the end of 2021
- Urban housing stock increased by **20%** by the end of 2021
- Rural housing stock increased by **10%** by the end of 2021
- Access to service land (plots) for safe shelter development increased by **30%** by Dec. 2021.
- Over **1,700,000** housing backlog units reduced by **20%** by Dec. 2021.
- **20%** upgrade of existing slums by Dec. 2021 and *zero tolerance* of new ones.

3.3.2 Works sub-sector

The focus of the Works sub-sector is to reduce coastal and marine erosion, build a competitive and modern construction industry, address recurrent devastating floods and promote proper maintenance culture to protect life, property and the environment.

The targets set for the Plan period are:

- **20 %** increase in infrastructure investment for Sea defence projects.
- Effective Early Warning System for effective flood control established by December 2021.

3.4 Adopted Policy Objectives and Strategies

The broad policy objectives of the National Medium Development Plan Framework (**2018-2021**) that are relevant to the mandate and the medium term development operations of MWH are:

- Promote a sustainable, spatially integrated, balanced and orderly development of human settlements
- Provide adequate, safe, secure, quality and affordable housing.
- Enhance quality of life in rural areas
- Promote resilient urban development
- Address recurrent devastating floods
- Promote proper maintenance culture
- Promote proactive planning for disaster prevention and mitigation
- Attain gender equality and equity in political, social and economic development systems and outcomes

- Enhance climate change resilience
- Enhance application of ICT in national development

Table 3.1 (*Policy Flow Chart/Matrix*) shows the linkage/mapping of (1) Sub-sector Focus Areas, (2) Key development Issues, (3) Policy Objectives (4) Strategies (*policy drivers*), (5) Plan implementation collaborating agencies/Institutions and (6) Global/Regional linkages.

Table 3. 1: Summary of prioritized Key Development issues

The Development Programmes and sub programmes the Ministry will execute during the Plan period (2018-2021) are indicated in **Chapter 4**

GOAL	FOCUS AREA	KEY ISSUE	POLICY OBJECTIVES	STRATEGIES	IMPLEMENTING AND COLLABORATIVE AGENCIES	GLOBAL /REGIONAL LINKAGES
HOUSING						
Safeguard the natural environment and ensure a resilient built environment	Human Settlements And Housing	<ul style="list-style-type: none"> Disparities in access to infrastructure and service provision between urban and rural settlements Weak enforcement of planning and building regulations Scattered and unplanned human settlements 	1. Promote sustainable, spatially integrated, balanced and orderly development of human settlements	<ol style="list-style-type: none"> Ensure proper urban and landscape design and implementation. Strengthen the human and institutional capacities for effective land use planning and management nationwide. Support research and development in urban and regional planning. 	MESTI, MLGRD, LUPSA, MWH, MLNR, Lands Commission, Works Dept, GREDA, MoPIn, MZD,	SDG 9,11,15,17 AU 1,10,11,12
		<ul style="list-style-type: none"> Growing housing deficit Inadequate incentives and capacity for private sector involvement in housing delivery Inadequate housing infrastructure services Limited public investments in low cost housing High and increasing cost of Building materials 	2. Provide adequate, safe, secure, quality and affordable housing.	<ol style="list-style-type: none"> Accelerate implementation of the national housing policy Promote social housing scheme in urban, peri-urban and rural areas Expand availability of housing financing Provide support for private sector involvement in the delivery of rental housing Improve investment for housing provision Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code 	Ministry of Works and Housing, GREDA, Built Environment Professionals, Financial Institutions, Lands Commission, Ministry of Environment, MLGRD, MLNR, MMDAs, SSNIT, Private Sector Developers	SDG 9,11,15,17 AU 1,10,11,12

GOAL	FOCUS AREA	KEY ISSUE	POLICY OBJECTIVES	STRATEGIES	IMPLEMENTING AND COLLABORATIVE AGENCIES	GLOBAL /REGIONAL LINKAGES
				8. Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations 9. Provide technical assistance to communities to support basic house building skills training programmes		
		<ul style="list-style-type: none"> Poor and inadequate rural infrastructure and services 	3. Enhance quality of life in rural areas	1. Provide basic infrastructure such as potable water, sanitation, electricity, road networks, schools, health facilities, low-cost housing.	MLGRD, MLNR, Ministry of Works and Housing, MMDAs, Private Sector Developers, Financial Institutions	SDG 1,6,9,15,17 AU 1,5,10,12
		<ul style="list-style-type: none"> Urban sprawl Growth of slums Urban concentration in coastal zone Rapid urbanisation, resulting in urban sprawl Rapid growth of slums in cities and towns 	4. Promote resilient urban development	<ol style="list-style-type: none"> Establish special growth centres and urban networks, with spatially targeted investment interventions Create awareness on greening of human settlements Facilitate the implementation of urban renewal programmes Facilitate Public-Private Partnerships in the development and maintenance of urban infrastructure 	MLGRD, MLNR, Ministry of Works and Housing MMDAs, Private Sector Developers, Financial Institutions	SDG 1,6,9,11,15,17 AU 1,10,12
	Construction Industry Development	<ul style="list-style-type: none"> Absence of a central agency responsible for the development of the construction industry Weak classification and certification systems for the registration of contractors 	5. Build a competitive and modern construction industry.	<ol style="list-style-type: none"> Establish a central agency for the construction industry to improve efficiency in the industry Improve and standardize techniques and material use Ensure quality in all aspects of construction Promote and stimulate the development and expansion of the Ghanaian construction industry Promote research in matters relating to the construction industry 	MLGRD, Ministry of Works and Housing, Ministry of Roads and Highways, Ministry of Railway, Ministry of Transport, Ministry of Aviation, Land Use and Spatial	SDG 9,16,17 AU 10,11,12

GOAL	FOCUS AREA	KEY ISSUE	POLICY OBJECTIVES	STRATEGIES	IMPLEMENTING AND COLLABORATIVE AGENCIES	GLOBAL /REGIONAL LINKAGES
		<ul style="list-style-type: none"> Lack of regulation of contractor conduct and performance Shortage of skilled construction workers Poor management practices on construction sites Poor enforcement of regulations and statutes Proliferation of sub-standard construction materials and products Poor safety, health and environmental management practices at construction sites 		<p>6. Establish and maintain a construction industry information system for Ghana</p> <p>7. Ensure accreditation and certification of skilled construction workers and construction site supervisors</p> <p>8. Support technical education institutions and other professional bodies to train more human resources for the construction sector</p>	<p>Planning Authority,</p> <p>Built Environment Professional Organizations, MMDAs.</p>	
WORKS						
	Infrastructure Maintenance	<ul style="list-style-type: none"> Poor and inadequate maintenance of infrastructure 	1. Promote proper maintenance culture	<p>1. Institute a robust maintenance scheme for rail, roads, ports, harbours and other critical infrastructure.</p> <p>2. Enforce relevant standards in various sectors to reduce rapid deterioration, including strengthening the axle load control on roadways</p> <p>3. Establish timely and effective preventive maintenance plan for all public infrastructure</p> <p>4. Build capacity to ensure requisite skills for infrastructure maintenance</p>	<p>MLGRD, Ministry of Works and Housing,</p> <p>Ministry of Roads and Highways, MDAS and MMDAs,</p> <p>Built Environment Professional Organizations, MMDAs.</p>	SDG 2,9,17 AU 10,11,12
	Drainage	<ul style="list-style-type: none"> Recurrent incidence 	2. Address	1. Construct storm drains in Accra		

GOAL	FOCUS AREA	KEY ISSUE	POLICY OBJECTIVES	STRATEGIES	IMPLEMENTING AND COLLABORATIVE AGENCIES	GLOBAL /REGIONAL LINKAGES
	And Flood Control	<ul style="list-style-type: none"> of flooding Poor waste disposal practices Poor drainage system Silting and choking of drains Uncovered drains Poor landscaping 	recurrent devastating floods	<ul style="list-style-type: none"> and other cities and towns to address the recurrent devastating floods. 2. Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea coastlines. 3. Intensify public education on indiscriminate disposal of waste 4. Prepare and implement adequate drainage plans for all MMDAs 		
	Coastal And Marine Area Erosion	<ul style="list-style-type: none"> Worsened Environmental pressures in both the coastal and marine zones. Vulnerability of coastal zone to the impact of climate change Potential rise in sea level resulting in wetland flooding, contamination of agricultural soil, loss of habitat, wiping away of entire communities 	3. Reduce coastal and marine erosion	<ul style="list-style-type: none"> 1. Promote investment in hard control structures including gabions and boulder 2. Promote mangrove forests replanting and planting of other vegetative cover to contain erosion 3. Control sand mining along beaches 4. Strengthen the participation of local communities in sustainable coastal management practices. 5. Enact appropriate legislation to protect mangrove forests, wetlands and marine areas from degradation 6. Prepare and implement an Integrated Coastal Zone Management (ICZM) Plan 7. Establish a Coastal Zone Commission with strong stakeholder participation. 	MLGRD, MESTI, EPA, MoFAD, GMA, NDPC, LC, MLNR, MMDAS, CSOs, MOTCCA, NDPC, Fisheries Commission, Academia, LUPSA, CERSGIS, NCCE,	SDG 11,12,13,14,15, 16 AU 7,12

CHAPTER 4

DEVELOPMENT PROGRAMMES AND SUB-PROGRAMMES

4.0 Introduction

The development programmes and sub programmes that MWH will be implementing in 2018-2021 and the sector specific policy objectives and mapped strategies of the various programmes are contained in Table 4.1

4.1 Development Programmes and Sub-Programmes

For the 2018-2021 Medium Term Plan period, MWH will implement three (3) main development programmes as follows:

- P1 *Management and Administration*
- P2 *Human settlement and Development*
- P3 *Infrastructure Management,*

The three (3) main development programmes have sub-sector programmes. These programmes are designed to translate the medium term policy objectives of MWH into **measurable development results** during and at the terminal point of the 2018-2021 Plan. Table 4.1 indicate the Main programmes, Sub programmes Objectives, and implantation strategies.

Table 4. 1: Development Programmes and Sub-Programmes

PROGRAMME	SUB-PROGRAMME	OBJECTIVES	STRATEGIES
P1. Management and Administration	SP 1. General Administration	Provide administrative support for the effective and efficient functioning of the Sector Ministry	<ul style="list-style-type: none"> • Ensures effective functioning of the sector to achieve its mandates which includes General Services like utilities, allocation of office and residential accommodation, security, transportation, procurement and sanitation.
	SP 2. Finance	<ul style="list-style-type: none"> • Ensure secure, adequate and sustainable financing • Develop and implement comprehensive governance and institutional framework 	<ul style="list-style-type: none"> • Implement measures to increase financial and investment absorptive capacity of the sector • Harness additional funding from non-traditional donor sources
	SP 3. Human Resource, Management and Development	Increase access to adequate, safe, secure and affordable shelter	<ul style="list-style-type: none"> • Ensures human resource planning, development and management through training and motivation of staff, staff performance appraisal and recruitment, discipline and productivity improvement within the sector.
	SP 4. Policy	Ensure secure,	<ul style="list-style-type: none"> • Ensure the preparation of suitable

PROGRAMME	SUB-PROGRAMME	OBJECTIVES	STRATEGIES
	Planning, Budgeting, Monitoring and Evaluation	adequate and sustainable financing	<p>strategic and corporate and financial planning, costing and budgeting, design and implementation of monitoring and evaluation systems.</p> <ul style="list-style-type: none"> • Implement measures to ensure timely release of approved budget • Adopt appropriate strategies for marketing sector strategic plans
	SP 5. Research, Statistics and Information Management	Increase access to adequate, safe, secure and affordable shelter	<ul style="list-style-type: none"> • Conduct research into sector activities, maintain databank of information on the sector for decision making, maintain and update records of conventions, treaties and policies, establish strategies and machinery for dissemination of information
	SP 6. Internal Audit	Promote transparency and accountability and reduce opportunities for rent seeking	<ul style="list-style-type: none"> • Enforce the implementation of the Public Procurement Act, Internal Audit Agency Act and other Financial Management Regulations
P2. Human Settlement and Development	SP 1. Housing Sector Management	Increase access to adequate, safe, secure and affordable shelter	<ul style="list-style-type: none"> • Develop a national housing policy • Support the creation of land Banks • Adopt and enforce the reviewed national building codes • Set standards for local construction materials
		Upgrade existing slums and prevent the occurrence of new ones	<ul style="list-style-type: none"> • Introduce major slum renewal programmes • Encourage the participation of slum dwellers/urban poor including women in urban planning and decision-making • Strengthen and enforce the legal framework on slum development • Improve infrastructure facilities in slum areas
P2. Human Settlement and Development	SP 2. Urban Housing Management	Increase access to adequate, safe, secure and affordable shelter	<ul style="list-style-type: none"> • Provide support for private sector involvement in the delivery of rental housing • Support mortgage financing • Improve the human and institutional capacities of the relevant institutions.
P2. Human Settlement and Development	SP 3. Rural Housing Management	Improve and accelerate housing delivery in the rural areas	<ul style="list-style-type: none"> • Provide technical assistance to communities to support basic house-building skills training programmes, technical information service and low cost house design and building competitions • Partnering UN-HABITAT in the provision of housing units in our rural communities • Encourage the MMDAs to use their Common Fund to embark on the construction of rental housing units on a massive scale • Promote the manufacture and use of brick and tile

PROGRAMME	SUB-PROGRAMME	OBJECTIVES	STRATEGIES
			<ul style="list-style-type: none"> • Support the use of pozzolana cement in the construction industry
		Increase access to adequate, safe, secure and affordable shelter	<ul style="list-style-type: none"> • Promote the manufacture and use of local building materials and appropriate technologies in housing
P2. Human Settlement and Development	SP 4. Management of Public Construction	Increase access to adequate, safe, secure and affordable shelter	<ul style="list-style-type: none"> • Provide technical assistance to communities to support basic house-building skills training programmes, technical information service and low cost house design and building competitions • Support the use of pozzolana cement in the construction industry • Improve the human and institutional capacities of the relevant institutions. • Support technical education institutions and other professional bodies to train more human resources required for planning and the construction sector
		Improve and accelerate housing delivery in the rural areas	<ul style="list-style-type: none"> • Promote improvements in housing standards, design, financing and construction Promote self-help building schemes organized along communal themes, co-operative societies, and crop and trade associations
P3. Infrastructure Management	SP 1. Works Sector Management	Increase resilience of coastal settlement and infrastructure	<ul style="list-style-type: none"> • Provide national guide and standards for addressing multi-hazard threats • Ensure resettlement of vulnerable communities
P3. Infrastructure Management	SP 2. General Maintenance and Management	Increase resilience of coastal settlement and infrastructure	<ul style="list-style-type: none"> • Ensure resettlement of vulnerable communities • Provide national guidance and standards for addressing multi-hazard threats
P3. Infrastructure Management	SP 3. Drainage Management	Reduce impacts of natural disasters on natural resources using a multi-sectoral approach	<ul style="list-style-type: none"> • Enhance capacity to mitigate and reduce natural disasters, risks and vulnerability
P3. Infrastructure Management	SP 4. Coastal Management	Increase resilience of coastal settlement and infrastructure	<ul style="list-style-type: none"> • Develop and implement a national coastal zone management policy • Sustain the use of both hard (revetments and groynes,) and soft (planting native vegetation) engineering measures for managing shoreline erosion • Develop and implement monitoring and maintenance plans for engineered shore protection structures
P3. Infrastructure Management	SP 5. Operational Hydrology	Enhance capacity to mitigate and reduce natural disasters ,risks and vulnerability	<ul style="list-style-type: none"> • Invest in early warning and response systems

CHAPTER FIVE

SECTOR ANNUAL ACTION PLAN

5.0 Introduction

The 2018-2021 Annual Action Plan Framework of MWH contains activities that will be implemented under each of the programmes and sub-programmes during the Plan period. The Action Plan Framework therefore constitutes the **fulcrum** of MWH SMTP. It contains Programmes and sub-programme activities (operations) of the *Works and Housing* sub-sectors of the Ministry. The planned activities are linked to specific objectives outlined in Chapter 3.

5.1 2018-2021 Programmes/ Sub-programmes (Operations)

The various programmes/sub-programmes, planned activities and financial estimates (indicative Budget) by funding sources (GOG, IGF, Donor/DP) for 2018-2021 Plan period is shown in Table 5.1 below.

5.2 Annual Action Plan

This section also outlines *2018-2021 development Operations (Annual Action Plan)* to be executed by MWH as a sector of the economy. It establishes a direct linkage between adopted NMTDPF policies and strategies (outlined in Chapter 4) on one hand, and, planned activities, operational location, and time frame for execution and plan implementation collaborators on the other hand. The template used was prescribed by the NDPC 2018-2021 Sector Planning Guidelines. *(The NDPC template does not contain the main outputs and intermediary outcomes that will result from the implementing planned Operations/Activities. It therefore falls short of the standard and widely used Policy Results Matrix template in public sector Development Planning).*

Table 4.3 Action Plan and Indicative Financial Estimates.

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)												TOTAL
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	
PROGRAMME ONE - GENERAL ADMINISTRATION AND MANAGEMENT															
	1.1 General Administration	Procurement of office facilities and supplies	8.32	-	-	9	-	-	10.1	-	-	11.3	-	-	38.72
		Utilities	0.83	-	-	0.85	-	-	0.87	-	-	0.9	-	-	3.45
		Fuel and Lubricants for official vehicles	0.3	-	-	0.31	-	-	0.34	-	-	0.37	-	-	1.32
		General and Contract Cleaning Services	0.15	-	-	0.17	-	-	0.19	-	-	0.2	-	-	0.71
		Armed Guard and Security	0.1	-	-	0.1	-	-	0.3	-	-	0.3	-	-	0.80
		Repairs and Maintenance Office Equipment	0.11	-	-	0.13	-	-	0.15	-	-	0.18	-	-	0.57
		Publicity, Publications, and Subscription	0.5	-	-	0.6	-	-	0.7	-	-	0.8	-	-	2.60
		Maintenance and Repairs of official Vehicles	0.31	-	-	0.35	-	-	0.4	-	-	0.45	-	-	1.51
		Servicing of Statutory Meetings	0.4	-	-	0.5	-	-	0.6	-	-	0.8	-	-	2.30
		Upgrading of CCTV Surveillance Systems	0.2	-	-	0	-	-	0	-	-	0	-	-	0.20
		Property Rate	0.2	-	-	0.4	-	-	0.6	-	-	0.8	-	-	2.00
		Travels, Transport and Per Diem	0.8	-	-	0.9	-	-	1	-	-	1.2	-	-	3.90
		Document Decongestion Exercise	0.05	-	-	0	-	-	0.02	-	-	0.01	-	-	0.08
		TOTAL	12.27	0	0	13.31	0	0	15.27	0	0	17.31	0	0	58.16
	1.2 Finance	Prepare quarterly financial reports	0.006	-	-	0.006	-	-	0.008	-	-	0.008	-	-	0.03
		Prepare Annual financial reports	0.01	-	-	0.01	-	-	0.015	-	-	0.015	-	-	0.05
		Safe Custody of Value Books	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
		Revenue Mobilization	0.24	-	-	0.24	-	-	0.3	-	-	0.3	-	-	1.08
		Revenue Mobilization Vehicle	0.17	-	-	-	-	-	-	-	-	-	-	-	0.17
		TOTAL	0.446	0	0	0.256	0	0	0.323	0	0	0.323	0	0	1.348
	1.3 Human Resource Management and	Improve capacities of Heads of Directorates, Departments and Agencies and their HR officers in Performance Management.	0.075	-	-	-	-	-	0.08	-	-	-	-	-	0.16

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
	Development	Train Directors/Heads of Agencies/Personnel officers in training needs assessment	0.075	-	-	0.08	-	-	-	-	-	0.08	-	-	0.24
		Conduct Sector-wide skills development training in GoG rules and regulations for HR and Personnel Officers	-	-	-	0.03	-	-	-	-	-	0.04	-	-	0.07
		Conduct executive development programmes for Directors	0.07	-	-	0.07	-	-	0.08	-	-	0.08	-	-	0.30
		Train Directors/ other relevant staff in the Public Procurement Process (Procurement Act) and the Public Financial Management Act	0.09	-	-	-	-	-	-	-	-	0.09	-	-	0.18
		Training on the operationalization of the e-governance work space project	0.08	-	-	-	-	-	-	-	-	-	-	-	0.08
		Capacity of Thirty-Five (35) Staff developed in PPP Skills	0.05	-	-	-	-	-	-	-	-	0.06	-	-	0.11
		Facilitate the participation of staff in Scheme of Service training programmes at CSTC and GIMPA	0.04	-	-	0.04	-	-	0.05	-	-	0.05	-	-	0.18
		Develop Annual Promotion Register	-	-	-	-	-	-	-	-	-	-	-	-	-
		Facilitate the promotion of ten (10) Staff.	0.02	-	-	0.02	-	-	0.025	-	-	0.025	-	-	0.09
		Secure seed money to establish a Welfare Fund.	0.11	-	-	-	-	-	-	-	-	-	-	-	0.11
		Secure quarterly budgetary allocation towards the running of the Welfare Scheme	-	-	-	0.08	-	-	0.09	-	-	0.1	-	-	0.27
		Organize quarterly meetings with HR officers of the various Departments of the Ministry	0.004	-	-	0.005	-	-	0.005	-	-	0.006	-	-	0.02
		Three (3) staff to participate in	0.03	-	-	0.03	-	-	0.035	-	-	0.035	-	-	0.13

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL		
			2018			2019			2020			2021				
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR	
		training on the new HRMIS programme introduced by the Civil Service/PSC														
		Establish a functioning HRMIS for the Ministry	0.04	-	-	0.04	-	-	0.05	-	-	0.05	-	-		0.18
		Support and manage the HRMIS	0.04	-	-	0.04	-	-	0.05	-	-	0.05	-	-		0.18
		Operationalize the Staff Performance Appraisal Instrument	-	-	-	-	-	-	-	-	-	-	-	-		-
		Organize the signing ceremony and End of Year Evaluation of Directors' Performance Agreement	0.03	-	-	0.03	-	-	0.04	-	-	0.04	-	-		0.14
		Develop mid-year and Annual Report of the Staff Performance Appraisal Instrument	-	-	-	-	-	-	-	-	-	-	-	-		-
		Produce monthly and annual report on staff attendance to work	-	-	-	-	-	-	-	-	-	-	-	-		-
		Produce Annual Report on staff movement	-	-	-	-	-	-	-	-	-	-	-	-		-
		Develop an Annual Leave Roster	-	-	-	-	-	-	-	-	-	-	-	-		-
		Facilitate the implementation of the Annual Leave Roster	-	-	-	-	-	-	-	-	-	-	-	-		-
		Monitoring of Staff Attendance	-	-	-	-	-	-	-	-	-	-	-	-		-
		Equal opportunities for all employees of the Ministry	-	-	-	-	-	-	-	-	-	-	-	-		-
		Adopt a policy of no discrimination against staff or clients of the Ministry suffering from HIV/AIDS	-	-	-	-	-	-	-	-	-	-	-	-		-
		Advocate for the integration of HIV policies into policies and practices of the Ministry	-	-	-	-	-	-	-	-	-	-	-	-		-
		Increase the participation of women employees in high level	-	-	-	-	-	-	-	-	-	-	-	-		-

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		meetings of the Ministry													
		Encourage women employees in the Ministry to improve their status	0.02	-	-	0.022			0.025			0.03			0.10
		Institutionalize policies or practices aimed at preventing gender based discrimination at the work place	-	-	-	-	-	-	-	-	-	-	-	-	-
		Justification for more budgetary allocations to facilitate the promotion of gender based programmes	-	-	-	-	-	-	-	-	-	-	-	-	-
		Facilitate the participation of gender desk officers and staff in seminars, workshop and training programmes on gender issues	0.03	-	-	0.032	-	-	0.035	-	-	0.04	-	-	0.14
		Enforcement of Discipline	-	-	-	-	-	-	-	-	-	-	-	-	-
		Organize Change management workshop	0.05	-	-	0.053	-	-	0.055	-	-	0.06	-	-	0.22
		Performance Management implemented	0.03	-	-	0.032	-	-	0.035	-	-	0.04	-	-	0.14
		Encourage Management to institutionalize reward systems to reward high performing officers	0.01	-	-	0.011	-	-	0.015	-	-	0.02	-	-	0.06
		TOTAL	0.894	0	0	0.615	0	0	0.67	0	0	0.896	0	0	3.075
	1.4 Policy Planning, Budgeting, Monitoring and Evaluation	Organise Mid-year review of annual budget performance	0.06	-	-	0.07	0	0	0.085	-	-	0.09	0	0	0.31
		Organise Annual review of annual budget performance	0.06	-	-	0.07	0	0	0.083	-	-	0.09	0	0	0.30
		Organise Annual review of the Sector Medium Term Development Plan	0.06	-	-	0.07	0	0	0.082	-	-	0.097	0	0	0.31
		Organise Annual review of the Sector Monitoring and Evaluation	0.06	-	-	0.07	0	0	0.085	-	-	0.097	0	0	0.31

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Plan													
		Organise Mid-Term review of the Sector Medium Term Development Plan	0	-	-	0	0	0	0.086	-	-	0	0	0	0.09
		Organise Terminal Evaluation of the Sector Medium Term Development Plan	0	-	-	0	0	0	0	-	-	0.092	0	0	0.09
		Implement the M&E Action plan	0.115	-	-	0.117	0	0	0.2	-	-	0.2	0	0	0.63
		Prepare Annual progress reports	0.06	-	-	0.07	0	0	0.08	-	-	0.09	0	0	0.30
		Prepare quarterly budget performance reports	0.025	-	-	0.025	0	0	0.025	-	-	0.025	0	0	0.10
		Prepare Annual Budget Estimates for ensuing year	0.06	-	-	0.07	0	0	0.085	-	-	0.092	0	0	0.31
		Undertake Impact Assessment of the Blekusu Sea Defence Project	0	-	-	0.25	0	0	0	-	-	-	-	-	0.25
		Undertake Impact Assessment of the Dansoman coastal project	0	-	-	-	-	-	0.2	-	-	-	-	-	0.20
		Undertake Impact Assessment of the Adjoa coastal project	0.2	-	-	-	-	-	-	-	-	-	-	-	0.20
		Purchase of 2№ PickUp vehicles for Monitoring	0.4	-	-	-	-	-	-	-	-	-	-	-	0.40
		Undertake Impact Assessment of the New Takoradi Phase II (Elmina) Coastal Protection Project	-	-	-	-	-	-	-	-	-	0.2	-	-	0.20
TOTAL			1.1	0	0	0.812	0	0	1.011	0	0	1.073	0	0	3.996
	1.5 Research, Statistics and Information Management	Review of Sector publications (Sector Handbook, Ministry's Service Charter)	0	-	-	0	-	-	0.05	-	-	0	-	-	0.05
		Collation/Compilation of Conventions, Protocol Agreements, Statutory Acts	0.01	-	-	0	-	-	0	-	-	0	-	-	0.01
		Conduct Beneficiary/Clients Service Surveys	0.01	-	-	0.01	-	-	0.01	-	-	0.01	-	-	0.04
		Participation in National and International Policy Fairs	0.03			0.03			0.03			0.04			0.13

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Generate statistical report	0.23			0.22			0.23			0.24			0.92
		Upgrade of Ministerial Information Centre/Library	0.06	-	-	0.05	-	-	0.04	-	-	0.03	-	-	0.18
		Participate in Meet- the- Press-Series	0.03	-	-	0.03	-	-	0.03	-	-	0.04	-	-	0.13
		Facilitate Training of staff in the use of ICT and E- workspace applications	0.03	-	-	0.03	-	-	0.035	-	-	0.04	-	-	0.14
		Development of a new ICT Policy	0.03	-	-	0	-	-	0	-	-	0	-	-	0.03
		Re- develop/ Maintenance of Ministry's Website,	0.025	-	-	0.005	-	-	0.005	-	-	0.005	-	-	0.04
		Audit and Maintenance of ICT equipment	0.03	-	-	0.03	-	-	0.03	-	-	0.04	-	-	0.13
		Purchase of relevant software (Anti-Virus)	0.006			0.007			0.008			0.009			0.03
		Annual internet subscription	0.048			0.048			0.048			0.048			0.19
		Annual data protection fee	0.02			0.02			0.02			0.02			0.08
		Review of Ministry's brochures and fliers	0.04	-	-	0.04	-	-	0.04	-	-	0.04	-	-	0.16
		TOTAL	0.599	0	0	0.52	0	0	0.576	0	0	0.562	0	0	2.26
	1.6 Internal Audit	Conduct financial audit	-	-	-	0.02	-	-	0.02	-	-	0.02	-	-	0.06
		Organize AC meetings	0.03	-	-	0.03	-	-	0.03	-	-	0.03	-	-	0.12
		2 officers to attend training on Report writing and information gathering skills	-	-	-	0	-	-	0.01	-	-	0.01	-	-	0.02
		Verification and inspection of projects on quarterly basis	0.03	-	-	0.04	-	-	0.05	-	-	0.05	-	-	0.17
		Conduct procurement and stores management Audit	0.02	-	-	0.02	-	-	0.03	-	-	0.03	-	-	0.10
		Conduct payroll/HR management audit	0.01	-	-	0.02	-	-	0.03	-	-	0.04	-	-	0.10
		One officer to attend International Conference annually	0.02	-	-	0.03	-	-	0.04	-	-	0.05	-	-	0.14

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		2 Officers to attend training in project auditing	-	-	-	0.01	-	-	-	-	-	0.02	-	-	0.03
		2 Officers to attend training in Risk/System based auditing	0.02	-	-	-	-	-	0.03	-	-	0	-	-	0.05
		Follow-up on previous audit by IAU and GAS	0.01	-	-	0.01	-	-	0.02	-	-	0.02	-	-	0.06
		Conduct Asset Management audit	0.01	-	-	0.01	-	-	0.02	-	-	0.02	-	-	0.06
		Conduct management/operational audit	0.01	-	-	0.01	-	-	0.02	-	-	0.02	-	-	0.06
		Prepare ensuing year budget and audit plans	0.01	-	-	0.02	-	-	0.01	-	-	0.01	-	-	0.05
		Develop a Risk register for the Ministry	-	-	-	0.02	-	-	-	-	-	0.02	-	-	0.04
		Prepare strategic plan for the Unit	0.01	-	-	-	-	-	-	-	-	0.02	-	-	0.03
		Cash Management Audit	0.01	-	-	0.01	-	-	0.01	-	-	0.01	-	-	0.04
		Fuel and Transport Management Audit	0.01	-	-	0.01	-	-	0.02	-	-	0.02	-	-	0.06
		IGF Audit	0.01	-	-	0.01	-	-	0.02	-	-	0.02	-	-	0.06
		Budget Cycle Audit	-	-	-	0.01	-	-	-	-	-	0.01	-	-	0.02
		Audit software training for 4 officers	0.04	-	-	0.04	-	-	0.05	-	-	0.07	-	-	0.20
		TOTAL	0.25	0	0	0.32	0	0	0.41	0	0	0.49	0	0	1.47
		PROGRAMME TWO - HUMAN SETTLEMENT AND DEVELOPMENT				-	-	-	-	-	-	-	-	-	-
	2.1 Housing Sector Management	Conclude the Housing Implementation Strategy	0.05	-	-	-	-	-	-	-	-	-	-	-	0.05
		Stakeholder engagement on Housing Implementation Strategy	0.45	-	-	-	-	-	-	-	-	-	-	-	0.45
		Undertake sensitization/Awareness Programmes on the Housing Policy and Implementation	-	-	-	3	-	-	-	-	-	-	-	-	3.00

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Strategy													
		Undertake an inventory on government landed properties	0.05	-	-	-	-	-	-	-	-	-	-	-	0.05
		Implement the Redevelopment Programme to increase the Housing stock	3	-	-	3	-	-	3.45	-	-	3.9	-	-	13.35
		Completion of 1,526No. affordable housing units at Kpone by TDC	-	-	100	-	-	175	-	-	75	-	-	350.00	
		Completion of 1,030No. affordable housing units at Asokore Mampong by SSNIT	-	-	100	-	-	150	-	-	25	-	-	275.00	
		Completion of 342No. affordable housing units at Koforidua			50	-	-	70	-	-	20	-	-	140.00	
		Completion of 200No. affordable housing units at Tamale	-	-	15	-	-	20	-	-	5	-	-	40.00	
		Completion of 144No. affordable housing units at Wa	-	-	10	-	-	25	-	-	5	-	-	40.00	
		Construction of 2,000No. affordable housing units at Ho - Phase 2	-	-	160	-	-	140	-	-	140	-	-	440.00	
		Construction of 2,000No. affordable housing units at Bolgatanga - Phase 2	-	-	160	-	-	140	-	-	140	-	-	440.00	
		Construction of 2,000No. affordable housing units at Sunyani - Phase 2	-	-	160	-	-	140	-	-	140	-	-	440.00	
		Construction of 2,000No. affordable housing units at Cape Coast - Phase 2	-	-	160	-	-	140	-	-	140	-	-	440.00	
		Construction of 3,500No. affordable housing units at Secondi/Takoradi - Phase 2	-	-	300	-	-	246	-	-	246	-	-	792.00	
		Construction of 2,000No. affordable housing units at Wa - Phase 2	-	-	160	-	-	140	-	-	140	-	-	440.00	

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Construction of 2,500No. affordable housing units at Tamale - Phase 2	-	-	200	-	-	175	-	-	175	-	-	-	550.00
		Construction of 2,500No. affordable housing units at Koforidua - Phase 2	-	-	200	-	-	175	-	-	175	-	-	-	550.00
		Construction of 3,000No. affordable housing units at Kumasi - Phase 2	-	-	260	-	-	200	-	-	200	-	-	-	660.00
		Construction of 3,500No. affordable housing units at Accra - Phase 2	-	-	300	-	-	246	-	-	246	-	-	-	792.00
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 1 - 1,502 Housing Units	100	-	-	80	-	-	-	-	-	-	-	-	180.00
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 2 - 1,448 Housing Units			100	7		240	3		100	-			450.00
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 3 - 2,000 Housing Units	-	-	-	-	-	-	-	-	-	10	-	220	230.00
		Construction of 86No. housing units for Public Servants	7	-	-	7	-	-	10.5	-	-	10.5	-	-	35.00
		Construction of 500No housing units for the security services under the Security Services Housing Programme Phase 3	60	-	-	60	-	-	60	-	-	60	-	-	240.00
		Construction of 1000 Housing Units by M/s Falcon Crest,	-	-	500	-	-	900	-	-	800	-	-	800	3,000.00

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Identify and procure 20,000 acres of land banks for affordable housing projects	40	-	-	20	-	-	20	-	-	20	-	-	100.00
		Support the Implementation of the Slum Upgrading and Prevention Strategy	0.48	-	-	0.6	-	-	0.72	-	-	0.84	-	-	2.64
		Payment of subscription to International Organisations (UN-HABITAT, AMCHUD, SHELTER AFRIQUE)	20	-	-	20	-	-	20	-	-	20	-	-	80.00
TOTAL			231.03	-	2,935.00	200.60	-	3,322.00	117.67	-	2,772.00	125.24	-	1,020.00	10,723.54
	SP 2.2 Urban Housing Management	Development of a national rent policy and review of the Rent Act 1963,	-	-	-	0.07	-	-	-	-	-	-	-	-	0.07
		Embark on a national public education and sensitization programme	-	-	-	0.07	-	-	-	-	-	0.1	-	-	0.17
		Renovation and refurbishment of Rent Control offices	0.08	-	-	0.16	-	-	-	-	-	0.3	--	--	0.54
		National registration of landlords and tenants	-	-	-	0.07	-	-	-	-	-	-	--	--	0.07
		Development of an online site for prospective tenants and vacant apartments for rent	-	-	-	0.16	-	-	-	-	-	-	--	--	0.16
		Procurement of 4 pickup vehicles	-	-	-	0.15	-	-	-	-	-	-	--	--	0.15
		Capacity building of rent officers	-	-	-	0.03	-	-	-	-	-	0.03	--	--	0.06
		Opening of four new offices	0.2	-	-	-	-	-	0.26	-	-	-	--	--	0.46

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Purchase of office equipment	-	-	-	-	-	-	0.02	-	-	-	--	--	0.02
		Recruitment and training of new officers	-	-	-	-	-	-	0.03	-	-	-	--	--	0.03
		Documentary on basic rent laws and procedure	-	-	-	-	-	-	0.05	-	-	-	--	--	0.05
		Open forum for the public on rent issues	-	-	-	-	-	-	0.04	-	-	-	--	--	0.04
		Purchase of two saloon vehicles	-	-	-	-	-	-	0.14	-	-	-	-	-	0.14
		Disburse housing loans for Civil and Public Servants	0.07	1.99	-	5	-	-	6	-	-	7	-	-	20.06
		Construction of Flats Com. 1, Site 3	-	45.7	-	-	11.3	-	-	0	-	-	0	-	57.00
		Construction of Flats Com. 24	-	0	-	-	51.84	-	-	51.84	-	-	69.12	-	172.80
		Affordable Housing at Kpone (Community 26)	-	7.23	-	-	78.33	-	-	78.33	-	-	97.21	-	261.10
		Infrastructure development at Kpone (Community 26)	-	16.3	-	-	25.1	-	-	26	-	-	0	-	67.40
		Staff housing	-	1.2	-	-	4.8	-	-	0	-	-	0	-	6.00
		Kaizer flats redevelopment (Phase 1)	-	6.6	-	-	13.36	-	-	19.96	-	-	19.96	-	59.88
		Staff training	-	1.48	-	-	1.78	-	-	2.14	-	-	2.57	-	7.97
		Acquisition of Lands	-	0	-	-	0	-	-	6	-	-	7.2	-	13.20
		Acquisition of land banks	-	4.2	-	-	-	-	-	6	-	-	-	-	10.20
		Number of students given opportunity on attachment, and national service	-	0.02	-	-	0.02	-	-	0.03	-	-	0.03	-	0.10
		Number of staff trained	-	0.03	-	-	0.03	-	-	0.04	-	-	0.04	-	0.14
		Number of estate houses to be developed with integrated building codes.	-	25	100	-	25	100	-	38	154	-	38	154	634.00
		Percentage of pozzolana cement use in concrete works	-	0.25	1	-	0.25	1	-	0.38	1.54	-	0.38	1.54	6.34
		Number of housing units to be derived from the high rise buildings	-	15	60	-	15	60	-	22	88	-	22	88	370.00

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Number of housing plans with waste management and recycle schemes	-	0.41			0.41			0.41			0.41		1.64
		Number of settlements with orderly planned schemes	-	18	72					19.8	79.2				189.00
		Number of housing designs and financing that meet the national standards	-	16.25			16.52	-		16.5			16.52		65.79
TOTAL			0.35	159.66	233	5.71	243.74	161	6.54	287.43	322.74	7.43	273.44	243.54	1,944.58
	SP 2.3 Rural Housing Management	Facilitate the training of 150№ District Assemblies Technicians	0.05	-	-	0.06	-	-	0.07	-	-	0.07	-	-	0.25
		Sensitization and Awareness	0.08	-	-	0.08	-	-	0.09	-	-	0.09	-	-	0.34
		Facilitate and assist in the construction of 100№ Rural Houses	0.75	-	-	0.75	-	-	0.8	-	-	0.85	-	-	3.15
		Rehabilitation of 150№ Rural Houses	0.35	-	-	0.35	-	-	0.4	-	-	0.45	-	-	1.55
		Purchase of one pick up vehicle	0.15	-	-	0.16	-	-	-	-	-	0.4	-	-	0.71
		Facilitate the process of establishing 30№ District Assembly staff housing	0.25	-	-	0.25	-	-	0.3	-	-	0.3	-	-	1.10
		Renovation of DRH Head Office.	0.12	-	-	-	-	-	-	-	-	-	-	-	0.12
		Construction skills training for District Assemblies	0.7	-	-	0.7	-	-	0.75	-	-	0.75	-	-	2.90
		Establish 30№ Material banks	0.35	-	-	0.4	-	-	0.45	-	-	0.5	-	-	1.70
		Establish Cooperative Housing Schemes in ten (10) regions	0.08	-	-	0.085	-	-	0.09	-	-	0.095	-	-	0.35
	Complete the Rehabilitation of Official Bungalows	0.5	-	-	0.5	-	-	-	-	-	-	-	-	1.00	
TOTAL			3.38	0	0	3.335	0	0	2.95	0	0	3.505	0	0	13.17
	SP 2.4 Management of public	Training of probationers in the architectural profession.	-	-	-	0.03	-	-	0.04	-	-	0.04	-	-	0.11
		Development control workshop	-	-	-	0.04	-	-	0.04	-	-	0.04	-	-	

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
	construction	for technicians										-			0.12
		Professional practice exams and induction ceremony.	-	-	-	0.05	-	-	0.05	-	-	0.05	-	-	0.15
		Sensitization and advocacy program on the use of local building materials	-	-	-	0.05	-	-	-	-	-	-	-	-	0.05
		Training for small and medium scale contractors	-	-	-	0.03	-	-	0.04	-	-	0.04	-	-	0.11
		Review of Architects Decree NLCD,357 1969	-	-	-	0.15	-	-	-	-	-	-	-	-	0.15
		Staff Training	-	-	-	0.03	-	-	0.03	-	-	0.03	-	-	0.09
		Review of the Professional Practice Syllabus	-	-	-	0.04	-	-	-	-	-	-	-	-	0.04
		Monitoring of the KNUST and CUC schools of Architecture	-	-	-	0.02	-	-	0.02	-	-	0.02	-	-	0.06
		Publication / Gazetting of the registration of Architects and Architectural Firms	-	-	-	0.02	-	-	0.02	-	-	0.02	-	-	0.06
		Continuous Professional development (CPD) for Architects	-	-	-	0.03	-	-	0.03	-	-	0.03	-	-	0.09
		Rehabilitate, refurbish and maintain the existing office building of ARC	0.04	-	-	-	-	-	-	-	-	-	-	-	0.04
		Purchase of plant and equipment	0.02	-	-	-	-	-	-	-	-	-	-	-	0.02
		Rehabilitation of Engineers Council Office building	0.04	-	-	0.04	-	-	0.04	-	-	0.04	-	-	0.16
		Purchase of office facilities and supplies	-	-	-	0.1	-	-	0.1	-	-	0.1	-	-	0.30
		Training of staff of the Engineers Council	-	-	-	0.04	-	-	0.04	-	-	0.04	-	-	0.12
		Ensure the incorporation of the revised building codes in the designs of building structures	-	0.5	-	-	0.5	-	-	0.6	-	-	0.65	-	2.25
		Specification of approved local construction materials in various designs	-	0.3	-	-	0.3	-	-	0.5	-	-	0.5	-	1.60
		Students offered attachment	-	0.4	-	-	0.4	-	-	0.45	-	-	0.45	-	1.70

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		programmes										-			
		Financial support for professional bodies	-	0.1	-	-	0.1	-	-	0.2	-	-	0.2	-	0.60
		Incorporation of the use of Pozzolana cement in designs	-	-	-	-	-	-	-	-	-	-	-	-	
		Education on the use of Pozzolana	-	0.05	-	-	0.05	-	-	0.05	-	-	0.05	-	0.20
		Conducting structural integrity test on both old and new buildings	-	0.4	-	-	0.6	-	-	0.6	-	-	0.6	-	2.20
		Valuations of land and buildings	-	0.9	-	-	0.9	-	-	1.2	-	-	1.2	-	4.20
		Capacity building for AESL staff	-	0.5	-	-	0.6	-	-	0.6	-	-	0.6	-	2.30
TOTAL			0.1	3.15	0	0.67	3.45	0	0.45	4.2	0	0.45	4.25	0	16.72
PROGRAMME THREE - INFRASTRUCTURE SECTOR MANAGEMENT															
	3.1 Works Sector Management	Develop the National Maintenance Policy	0.2	-	-	0.2	-	-	0.1	-	-	-	-	-	0.50
		Develop an Action Plan for the implementation of the National Maintenance Policy	-	-	-	-	-	-	0.2	-	-	0.13	-	-	0.33
		Gazetting of the Building Code and the review of the Building Regulations	-	-	-	-	-	-	0.5	-	-	0.7	-	-	1.20
		Develop Infrastructure and (GoG) landed properties, Drainage system and coastal fund Policy	-	-	-	-	-	-	-	-	-	0.83	-	-	0.83
		Implement the Annual Emergency National Flood Control programme	10.2	-	-	10	-	-	10	-	-	10.33	-	-	40.53
		Rehabilitate, refurbish and maintain the UNDP Blocks of Flats	4	-	-	4	-	-	3	-	-	1.5	-	-	12.50
		Purchase Saloon Vehicle for Director	0.24	-	-	-	-	-	-	-	-	-	-	-	0.24
		Purchase three (3) Cross Country vehicles	0.6	-	-	-	-	-	-	-	-	-	-	-	0.60
		Monitor and Evaluate Works Directorate programmes	0.17	-	-	0.17	-	-	0.17	-	-	0.17	-	-	0.68

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
TOTAL			15.41	0	0	14.37	0	0	13.97	0	0	13.66	0	0	57.41
3.2 General Maintenance and Management	Renovate 150№ of Government bungalows, flats and JSQs annually		3.8	-	-	3.8	-	-	3.8	-	-	3.79	-	-	15.19
	Complete 150№ Keta Sea Defense Resettlement Housing Units		3			3			3			3			12.00
	Rehabilitate the existing ministerial block of offices		1.63			1.63			1.63			1.61			6.50
	Rehabilitate GoG Ministerial Bungalows											8			8.00
	Refurbish 10№ Regional offices of Prestige Facilities Management Division		1.11			1.13			1.13			1.13			4.50
Total			9.54	0	0	9.56	0	0	9.56	0	0	17.53	0	0	46.19
SP 3.3 Drainage Management	Construction of Regional and District Primary Drains		200	-	1,000.00	200	-	1,000.00	200	-	1,000.00	200	-	1,000.00	4,800.00
	Construction of the Greater Accra Drainage System		-	-	800	-	-	800	-	-	800	-	-	-	2,400.00
	Develop 10 Regional Drainage Master Plans		17.5	-	-	17.5	-	-	17.5	-	-	17.5	-	-	70.00
	Develop 20 District Drainage Master Plans		5	-	45	5	-	45	5	-	45	5	-	45	200.00
	Dredging of the Lagoons, retention dams and water ponds		100	-	-	100	-	-	100	-	-	100	-	-	400.00
	Design and Construct dredging and Channel Works and Bridge under the Meridian Gardens Development Klagon Project		12.84	-	-	12.84	-	-	12.84	-	-	12.84	-	-	51.36
	Akora River drainage project		15.8	-	-	15.8	-	-	15.8	-	-	15.8	-	-	63.20
	Payment of land and crop compensation at Adjen Kotoku		12	-	-	11	-	-	11	-	-	10.25	-	-	44.25
Total			363.14	0	1845	362.14	0	1845	362.14	0	1845	361.39	0	1045	8,028.81
SP 3.4 Coastal Management	Develop a Coast Line Master Plan for Protection		-	-	85	-	-	65	-	-	-	-	-	-	150.00
	Construction of Dansoman		39.13	-	-	39	-	-	39	-	-	39	-	-	

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
		Emergency Coastal Protection Works.													156.13
		Re-engineering and re-construction of Ada Coastal Project	-	-	27.89	-	-	27	-	-	27	-	-	27	108.89
		Construction of New Takoradi (Elmina) Sea Defense Project	65.15	-	-	-	-	-	-	-	-	-	-	-	65.15
		Construction of Aboadze Coastal Protection Works	85.5	-	-	-	-	-	-	-	-	-	-	-	85.50
		Construction of Blekusu Sea Defense Project	94	-	-	-	-	-	-	-	-	-	-	-	94.00
		Construction of Anomabo Sea defense Project	59	-	-	50	-	-	50	-	-	50	-	-	209.00
		Construction of Axim Sea Defense Project	34.5	-	-	30	-	-	30	-	-	30	-	-	124.50
		Construction of Adjoa (Near Takoradi) Coastal Protection Works	83.09	-	-	-	-	-	-	-	-	-	-	-	83.09
		Construction of Amanful Kumah Coastal Protection Works	18	-	-	18	-	-	18	-	-	16.45	-	-	70.45
		Construction of Cape Coast Coastal Protection Works.	30	-	-	31	-	-	28	-	-	26.18	-	-	115.18
		Construction of Mensah Guinea Sea Defense Project	-	-	600	-	-	600	-	-	600	-	-	600	2,400.00
		Construction of Komenda Sea defense Project	21	-	-	18	-	-	18	-	-	18	-	-	75.00
		Construction of Dixcove Sea defense Project	18	-	-	17	-	-	16	-	-	14	-	-	65.00
		Construction of Akplabanya Sea defense Project	21	-	-	18	-	-	18	-	-	18	-	-	75.00
		Construction of Prampram Sea defense Project	20	-	-	20	-	-	20	-	-	20	-	-	80.00
		Construction of Ekumfi Sea defense Project	18	-	-	14	-	-	13	-	-	13	-	-	58.00
		Construction of Amanful Kumah Sea defense Project	15	-	-	10	-	-	10	-	-	10	-	-	45.00
		Total	651.37	0	712.89	265	0	692	260	0	627	254.63	0	627	4,059.89

№	SUB-PROGRAMME	ACTIVITIES	INDICATIVE BUDGET (GH¢ Million)											TOTAL	
			2018			2019			2020			2021			
			GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF	DONOR	GOG	IGF		DONOR
	SP 3.5 Operational Hydrology	Renovation of 75 river gauging stations and changing of automatic water level recorders	1.7	-	-	1.4	-	-	1.4	-	-	1.4	-	-	5.90
		Installation and maintenance of Telemetry systems	5.6	-	-	5.6	-	-	5.6	-	-	5.6	-	-	22.40
Total			7.3	0	0	7	0	0	7	0	0	7	0	0	28.30
GRAND TOTAL			1,267.18	162.81	5,725.89	884.218	247.19	6,020.00	798.54	291.63	5,566.74	811.489	277.69	2,935.54	24,988.92

MEDIUM TERM PROGRAMME OF ACTION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
P.1 MANAGEMENT AND ADMINISTRATION												
1.1 General Administration												
Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry.	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing Ensure effective financial management and oversight of State Owned Enterprises	Procure office facilities and supplies for the Ministry.	Accra					38.72	-	-	Gen. Admin Directorate	Sector Directorates
		Utilities	Accra					3.45	-	-		
		Fuel and Lubricants for official vehicles	Accra					1.32	-	-		
		General and Contract Cleaning Services	Accra					0.71				
		Armed Guard and Security	Accra					0.8				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
	Provision of administrative support for all activities of the various Directorates and units within the Ministry	Repairs and Maintenance Office Equipment	Accra					0.57				
		Publicity, Publications, and Subscription	Accra					2.6				
		Maintenance and Repairs of official Vehicles	Accra					1.51				
		Servicing of Statutory Meetings	Accra					2.3				
		Upgrading of CCTV Surveillance Systems	Accra					0.2				
		Property Rate	Accra					2				
		Travels, Transport and Per Diem	Accra					3.9				
		Document Decongestion Exercise	Accra					0.08				
TOTAL								58.16				
1.2 Finance												
Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Ensure improved fiscal performance and sustainability	<ul style="list-style-type: none"> Eliminate revenue collection Leakages Diversify sources of resource mobilization Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921) Ensure effective financial management and oversight of State Owned Enterprises 	Prepare quarterly financial reports						0.028				
		Prepare Annual financial reports						0.05				
		Safe Custody of Value Books						0.02				
		Revenue Mobilization						1.08				
		Revenue Mobilization Vehicle						0.17				
TOTAL								1.348				
1.3 Human Resource Management and Development												
Provide adequate, safe, secure, quality and affordable housing	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure 	Improve capacities of Heads of Directorate, Departments and Agencies and their HR officers in Performance Management.						0.155				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
Ensure the reduction of new HIV and AIDS/STIs infections, especially among the vulnerable groups Attain gender equality and equity in political, social and economic development systems and outcomes Promote discipline in all aspects of life	<ul style="list-style-type: none"> • maintenance • Intensify education to reduce stigmatization • Target attainment of gender-appointed committees, boards and other relevant official bodies • Institute gender-responsive budgeting and training on gender equality in civil and public services • Strengthen advocacy to promote attitudinal change • Institute mechanism for rewarding good behavior and sanctioning bad behaviour 	Train Directors/Heads of Agencies/Personnel officers in training needs assessment					0.235					
		Conduct Sector-wide skills development training in GoG rules and regulations for HR and Personnel Officers					0.07					
		Conduct executive development programmes for Directors					0.30					
		Train Directors/ other relevant staff in the Public Procurement Process (Procurement Act) and the Public Financial Management Act					0.18					
		Training on the operationalization of the e-governance work space project					0.080					
		Capacity of thirty-five (35) staff developed in PPP Skills					0.11					
		Facilitate the participation of staff in Scheme of Service training programmes at CSTC and GIMPA					0.18					
		Develop Annual Promotion Register					-					
		Facilitate the promotion of Ten (10) Staff.					0.09					
		Secure seed money to establish a Welfare Fund.					0.11					
		Secure quarterly budgetary allocation towards the running of the Welfare Scheme					0.27					
		Organize quarterly meetings with HR officers of the various Departments of the Ministry					0.02					
		Three (3) staff participate in training on the new HRMIS programme introduced to the					0.13					

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		Civil Service										
		Establish a functioning HRMIS for the Ministry						0.18				
		Support and manage the HRMIS						0.18				
		Operationalize the Staff Performance Appraisal Instrument						-				
		Organize the signing ceremony and End of Year Evaluation of Directors' Performance Agreement						0.14				
		Develop mid-year and Annual Report of the Staff Performance Appraisal Instrument						-				
		Produce monthly and annual report on staff attendance to work						-				
		Produce Annual Report on staff movement						-				
		Develop an Annual Leave Roster						-				
		Facilitate the implementation of the Annual Leave Roster						-				
		Monitoring of Staff Attendance						-				
		Equal opportunities for all employees of the Ministry						-				
		Adopt a policy of non discrimination against staff or clients of the Ministry suffering from HIV/AIDS						-				
		Advocate for the integration of HIV policies into policies and practices of the Ministry						-				
		Increase the participation of women employees in high level meetings of the Ministry						-				
		Encourage women employees in the Ministry to improve their						0.097				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		status										
		Institutionalize policies or practices aimed at preventing gender based discrimination at the work place						-				
		Provide justification for more budgetary allocations to facilitate the promotion of gender based programmes						-				
		Facilitate the participation of gender desk officers and staff in seminars, workshops and training programmes on gender issues						0.137				
		Enforcement of discipline						-				
		Organize change management workshop						0.218				
		Performance Management implemented						0.137				
		Encourage management to institutionalize reward systems to reward high performing officers						0.056				
TOTAL								1.765				
1.4 Policy Planning, Budgeting, Monitoring and Evaluation												
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. 	<ul style="list-style-type: none"> Prepare and implement national policy guidelines to streamline public policy formulation Strengthen the implementation of development plans Strengthen the capacity of public institutions for the 	Organise Mid-year review of annual budget performance						0.305				
		Organise Annual review of annual budget performance						0.303				
		Organise Annual review of the Sector Medium Term Development Plan						0.309				
		Organise Annual review of the Sector Monitoring and Evaluation Plan						0.312				
		Organise Mid-Term review of the Sector Medium Term Development Plan						0.086				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance capacity for policy formulation and coordination 	<ul style="list-style-type: none"> undertaking policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting Enhance the production and dissemination of disaggregated data 	Organise Terminal Evaluation of the Sector Medium Term Development Plan					0.092					
		Implement the M&E Action plan					0.632					
		Prepare Annual progress reports					0.30					
		Prepare quarterly budget performance reports					0.10					
		Prepare Annual Budget Estimates for ensuing year					0.307					
		Undertake Impact Assessment of the Blekusu Sea Defence Project					0.25					
		Undertake Impact Assessment of the Dansoman coastal project					0.20					
		Undertake Impact Assessment of the Adjoa coastal project					0.20					
		Purchase 2Ns Pick up vehicles for Monitoring					0.04					
		Undertake Impact Assessment of the New Takoradi coastal (Elmina) Project					0.20					
	TOTAL											
1.5 Research, Statistics and Information Management												
<ul style="list-style-type: none"> Enhance application of ICT in national development Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction 	<ul style="list-style-type: none"> Apply science, technology and innovation in implementation of policies, programmes and projects Scale up investments in research and development to find local solution to challenges Ensure that research output is turned into industrial applications 	Review of Sector publications (Sector Handbook, Ministry's Service Charter)					0.05					
		Collation/Compilation of Conventions, Protocol Agreements, Statutory Acts					0.01					
		Conduct Beneficiary/Clients Service Surveys					0.03					
		Participation in National and International Policy Fair					0.13					
		Generate statistical report					0.92					

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
industry Mainstream science, technology and innovation in all socio-economic activities	<ul style="list-style-type: none"> Mainstream ICT in public sector operations Improve the quality of ICT services, especially internet and telephony Develop and maintain online database for all categories of properties and provide secured data access Develop and integrate identification coding schemes for landed properties and online tracking services for registered properties Promote research in matters relating to the construction industry Establish and maintain a construction industry information system for Ghana Strengthen capacity of research and statistical 	Upgrade of Ministerial Information Centre/Library						0.18				
		Participate in Meet- the- Press-Series						0.13				
		Facilitate training of staff in the use of ICT and E- workspace applications						0.135				
		Development of a new ICT Policy						0.03				
		Re- develop/ Maintenance of Ministry's Website,						0.04				
		Audit and Maintenance of ICT equipment						0.13				
		Purchase of relevant software (Anti-Virus)						0.03				
		Annual internet subscription						0.192				
		Annual data protection fee						0.08				
		Review of Ministry's brochures and fliers							0.16			

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
	information management of MDAs and MMDAs <ul style="list-style-type: none"> Enhance the production and dissemination of disaggregated data Strengthen data interoperability within the National Statistical System 											
Total								2.247				
1.6 Internal Audit												
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Ensure improved fiscal performance and sustainability 	<ul style="list-style-type: none"> Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing Ensure effective financial management and oversight of State Owned Enterprises 	Conduct financial audit					0.04					
		Organize AC meetings					0.12					
		2 officers to attend training on Report writing and information gathering skills					0.02					
		Verification and inspection of projects on quarterly basis					0.17					
		Conduct procurement and stores management Audit					0.10					
		Conduct payroll/HR management audit					0.10					
		One officer to attend International Conference annually					0.14					
		2 Officers to attend training in project auditing					0.03					
		2 Officers to attend training in Risk/System based auditing					0.05					
		Follow-up on previous audit by IAU and GAS					0.06					
		Conduct Asset Management audit					0.06					
Conduct management/ operational audit					0.06							

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		Prepare Ensuing year budget and audit plans						0.05				
		Develop a Risk register for the Ministry						0.04				
		Prepare strategic plan for the Unit						0.03				
		Cash Management Audit						0.04				
		Fuel and Transport Management Audit						0.06				
		IGF Audit						0.06				
		Budget Cycle Audit						0.02				
		Audit software training for 4 officers						0.02				
Total								1.47				
P.2 HUMAN SETTLEMENT AND DEVELOPMENT												
2.1 Housing Sector Management												
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry 	<ul style="list-style-type: none"> Accelerate implementation of the national housing policy Promote social housing scheme in urban, peri-urban and rural areas Expand availability of housing financing Provide support for private sector involvement in the delivery of rental housing Improve investment for housing provision Promote the manufacture and use 	Conclude the Housing Implementation Strategy						0.05				
		Stakeholder engagement on Housing Implementation Strategy						0.45				
		Undertake sensitization/Awareness Programmes on the Housing Policy and Implementation Strategy						3.00				
		Undertake an inventory on government landed properties						0.05				
		Implement the Redevelopment Programme to increase the Housing stock						13.35				
		Completion of 1,526No. affordable housing units at Kpone by TDC								350.00		
		Completion of 1,030No. affordable housing units at Asokore Mampong by SSNIT								275.00		
		Completion of 342No. affordable housing units at Koforidua								140.00		
		Completion of 200No. affordable housing units at Tamale								40.00		
		Completion of 144No. affordable housing units at Wa								45.00		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
	of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement	Construction of 2,000No. affordable housing units at Ho - Phase 2								440.00		
		Construction of 2,000No. affordable housing units at Bolgatanga - Phase 2								440.00		
	• Strengthen the implementation of the national building code	Construction of 2,000No. affordable housing units at Sunyani - Phase 2								440.00		
	• Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations	Construction of 2,000No. affordable housing units at Cape Coast - Phase 2								440.00		
		Construction of 3,500No. affordable housing units at Secondi/Takoradi - Phase 2								792.00		
	• Provide technical assistance to communities to support basic house building skills training programmes	Construction of 2,000No. affordable housing units at Wa - Phase 2								440.00		
		Construction of 2,500No. affordable housing units at Tamale - Phase 2								550.00		
	• Improve and standardize techniques and material use	Construction of 2,500No. affordable housing units at Koforidua - Phase 2								550.00		
		Construction of 3,000No. affordable housing units at Kumasi - Phase 2								660.00		
		Construction of 3,500No. affordable housing units at Accra - Phase 2								792.00		
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 1 - 1,502 Housing Units						180.00				
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 2 - 1,448 Housing Units						10.00		440.00		
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 3 - 2,000 Housing Units						10.00		220.00		
		Construction of 86No. housing						35.00				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		units for Public Servants										
		Construct 500N¢ housing units for the security services under the Security Services Housing Programme Phase 3						240.00				
		Construction of 1000 Housing Units by M/s Falcon Crest, Phase 1 -								3,000		
		Identify and procure 20,000 acres of land banks for affordable housing projects						100.00				
		Support the Implementation of the Slum Upgrading and Prevention Strategy						5.76				
		Payment of subscription to International Organisations (UN-HABITAT, AMCHUD, SHELTER AFRIQUE)						20.00				
Total								611.90		10,054.00		
SP 2.2 Urban Housing Management												
provide adequate, safe, secure, quality and affordable housing	<ul style="list-style-type: none"> Accelerate implementation of the National Housing Policy Promote Social Housing Scheme in Urban, peri-urban and rural areas Expand availability of housing financing Provide support for private sector involvement in the delivery of rental housing Improve investment for housing provision Promote the manufacture and use of standardized local building materials in 	Development of a national rent policy and review of the rent act 1963,						0.07				
		Embark on a national public education and sensitization programme						0.17				
		Renovation and refurbishment of Rent Control offices						0.54				
		National registration of landlords and tenants						0.07				
		Development of an online site for prospective tenants and vacant apartments for rent						0.16				
		Procurement of 4 pickup vehicles						0.60				
		Capacity building of rent officers						0.06				
		Opening of four new offices						0.46				
		Purchase of office equipment						0.02				
		Recruitment and training of new officers						0.03				
Documentary on basic rent laws						0.05						

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		and procedure										
		Open forum for the public on rent issues					0.04					
		Purchase of two saloon vehicles					0.14					
		Disburse housing loans for Civil and Public Servants					17.07	1.99				
		Construction of Flats Com. 1, Site 3						57.00				
		Construction of Flats Com. 24						172.80				
		Affordable Housing at Kpone (Community 26)						261.10				
		Infrastructure Development at Kpone (Community 26)						67.40				
		Staff housing						6.00				
		Kaizer flats redevelopment (Phase 1)						59.88				
		Staff training						7.97				
		Acquisition of Lands						13.2				
		Acquisition of land banks						10.20				
		Number of students given opportunity on attachment, and national service						0.10				
		Number of staff trained						0.14				
		Number of estate houses to be developed with integrated building codes.						126.00	508.00			
		Percentage of pozzolana cement use in concrete works						1.26	5.08			
		Number of housing units to be derived from the high rise buildings						74.00	296.00			

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		Number of housing plans with waste management and recycle scheme							1.64			
		Number of settlements with orderly planned schemes							37.8	151.2		
		Number of housing designs and financing that meet the national standards							65.79			
Total								19.48	964.27	960.28		
SP 2.3 Rural Housing Management												
<ul style="list-style-type: none"> Enhance quality of life in rural areas Provide adequate, safe, secure, quality and affordable housing. Enhance production and supply of quality raw materials 	<ul style="list-style-type: none"> Provide basic infrastructure such as potable water, sanitation, electricity, road networks, schools, health facilities, low-cost housing. Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Provide incentives for the production and supply of quality raw materials for industry Support technical education institutions and other professional 	Facilitate the training of 150N¢ District Assemblies Technicians					0.25			DRH	MMDAs,	
		Sensitization and Awareness					0.34			DRH	MMDAs, NGOs	
		Facilitate and assist in the construction of 100N¢ Rural Houses					3.15			DRH	MMDAs, NGOs, GREDA	
		Rehabilitation of 150N¢ Rural Houses					1.55			DRH	GOG, MMDAs, NGOs	
		Purchase of one pick up vehicle					0.71			DRH	MMDAs, MWH, NGOs, GREDA	
		Facilitate the process of establishing 30N¢ District Assembly staff housing					1.1			DRH	MMDAs, NGOs, GREDA	
		Renovation of DRH Head Office.					0.12			DRH	MMDAs, NGOs	
		Construction skills training for District Assemblies					2.9			DRH	MMDAs, GREDA	
		Establish 30N¢ Material banks					1.7			DRH	MMDAs, NGOs	
		Establish Cooperative Housing Schemes in ten (10) regions					0.35			DRH	MMDAs, NGOs, Trade Associations,	

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies		
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating	
	bodies to train more human resources for the construction sector	Complete the Rehabilitation of Official Bungalows						1			DRH	MWH, AESL	
TOTAL								13.17					
SP 2.4 Management of public construction													
Build a competitive and modern construction industry. Provide adequate, safe, secure, quality and affordable housing	• Ensure quality in all aspects of construction	Training of probationers in the architectural profession.						0.11					
		Development control workshop for technicians						0.12					
	• Promote and stimulate the development and expansion of the Ghanaian construction industry	Professional practice exams and induction ceremony.							0.15				
		Sensitization and advocacy program on the use of local building materials							0.05				
		Training for small and medium scale contractors							0.11				
	• Promote research in matters relating to the construction industry	Review of Architects Decree NLCD,1969 357							0.15				
		Staff Training							0.09				
		Review of the Professional Practice Syllabus							0.04				
	• Ensure accreditation and certification of skilled construction workers and construction site supervisors	Monitoring of the KNUST and CUC schools of Architecture							0.06				
		Publication / Gazetting of the registration of Architects and Architectural Firms							0.06				
		Continuous Professional Development (CPD) for Architects							0.09				
	• Support technical education institutions and other professional bodies to train more human resources for the construction sector	Rehabilitate, refurbish and maintain the existing office building of ARC							0.04				
		Purchase of plant and equipment							0.02				
		Rehabilitation of Engineers Council Office building							0.154				
		Purchase of office facilities and supplies							0.3				
• Promote the manufacture and use of standardized	Training of staff of the Engineers Council							0.12					

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
	local building materials in housing including the use of bricks, tiles and pozzolana cement	Ensure the incorporation of the revised building codes in the designs of building structures							2.25			
	• Strengthen the implementation of the national building code	Specification of approved local construction materials in various designs							1.6			
		Students offered attachment programmes							1.7			
	• Build capacity to ensure requisite skills for infrastructure maintenance	Financial support for professional bodies							0.6			
		Incorporation of the use of Pozzolana cement in designs							-			
	• Ensure accreditation and certification of skilled construction workers and construction site supervisors	Education on the use of Pozzolana							0.2			
		Conducting structural integrity test on both old and new buildings							2.2			
	• Support technical education institutions and other professional bodies to train more human resources for the construction sector	Valuations of land and buildings							4.2			
		Capacity building for AESL staff							2.3			
									1.66 4	15.05		
P.3 INFRASTRUCTURE MANAGEMENT												
3.1 Works Sector Management												
Build a competitive and modern construction	• Establish a central agency for the construction industry to improve efficiency	Develop the National Maintenance Policy							0.50			
		Develop an Action Plan for the implementation of the National							0.33			

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
industry.	<ul style="list-style-type: none"> in the industry Ensure quality in all aspects of construction Promote and stimulate the development and expansion of the Ghanaian construction industry Enact appropriate legislation to protect mangrove forests, wetlands and marine areas from degradation Establish a Coastal Zone Commission with strong stakeholder participation. Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea coastlines. 	Maintenance Policy										
		Gazeting of the Building Code and the review of the Building Regulation					1.2					
		Develop Infrastructure (GoG) landed properties, Drainage system and Coastal fund Policy					0.83					
		Implement the Annual Emergency National Flood Control programme					40.53					
		Rehabilitate, refurbish and maintain the UNDP Blocks of Flats					12.50					
		Purchase Saloon Vehicle for Director					0.24					
		Purchase of three (3) Cross Country vehicles					0.60					
		Monitor and Evaluate Works Directorate programmes					0.68					
							57.41					
SP 3. General Maintenance Management												
Promote proper maintenance culture	<ul style="list-style-type: none"> Institute a robust maintenance scheme for rail, roads, ports, harbours and other critical infrastructure. Enforce relevant standards in various 	Renovate 150№ of Government bungalows, flats and JSQs annually					15.19					
		Complete 150№ Keta Sea Defense Resettlement Housing Units					12.00					
		Rehabilitate the existing ministerial block of offices					6.50					

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
	sectors to reduce rapid deterioration, including strengthening the axle load control on roadways <ul style="list-style-type: none"> Establish timely and effective preventive maintenance plan for all public infrastructure Build capacity to ensure requisite skills for infrastructure maintenance 	Rehabilitate GoG Ministerial Bungalows					8.00					
		Refurbish 10№ Regional offices of Prestige Facilities Management Division					4.50					
TOTAL								46.19				
SP 3.3 Drainage Management												
Address recurrent devastating floods	<ul style="list-style-type: none"> Construct storm drains in Accra and other cities and towns to address the recurrent devastating floods. 	Construction of Regional and District Primary Drains					800.00		4,000.00			
		Construction of the Greater Accra Drainage System							2,400.00			
	<ul style="list-style-type: none"> Prepare and implement adequate drainage plans for all MMDAs 	Develop 10 Regional Drainage Master Plans					70.00					
		Develop 20 District Drainage Master Plans					20.00		180.00			
		Dredging of the Lagoons, detention dams and water ponds					400.00					
		Design and Construct dredging and Channel Works and Bridge under the Meridian Gardens Development Klagon Project					51.36					

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		Akora River drainage project						63.20				
		Payment of land and crop compensation at Adjen Kotoku						44.25				
TOTAL								1,448.81		6,580.00		
SP 3.4 Coastal Management												
Reduce coastal and marine erosion	<ul style="list-style-type: none"> Promote investment in hard control structures including gabions and boulder 	Develop a Coast Line Master Plan for Protection								150.00		
		Construction of Dansoman Emergency Coastal Protection Works.						156.13				
	<ul style="list-style-type: none"> Promote mangrove forests replanting and planting of other vegetative cover to contain erosion 	Re-engineering and re-construction of Ada Coastal Project								108.89		
		Construction of New Takoradi (Elmina) Sea Defense Project						65.15				
	<ul style="list-style-type: none"> Control sand mining along beaches 	Construction of Aboadze Coastal Protection Works						85.50				
		Construction of Blekusu Sea Defense Project						94.00				
	<ul style="list-style-type: none"> Strengthen the participation of local communities in sustainable coastal management practices. 	Construction of Anomabo Sea defense Protect						209.00				
		Construction of Axim Sea Defense Project						124.50				
		Construction of Adjoa (Near Takoradi) Coastal Protection Works						83.09				
	<ul style="list-style-type: none"> Prepare and implement an Integrated Coastal Zone Management (ICZM) Plan 	Construction of Amanful Kumah Coastal Protection Works						70.45				
		Construction of Cape Coast Coastal Protection Works.						115.18				
		Construction of Mensah Guinea Sea Defense Project								2,400.00		
		Construction of Komenda Sea defense Project						75.00				
		Construction of Dixcove Sea					65.00					

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
		defense Project										
		Construction of Akplabanya Sea defense Project						75.00				
		Construction of Prampram Sea defense Project						80.00				
		Construction of Ekumfi Sea defense Project						58.00				
TOTAL								1,356.00		2,658.89		
SP 3.5 Operational Hydrology												
Enhance climate change resilience	<ul style="list-style-type: none"> Implement Ghana's commitments under Paris Climate Agreement (COP21) Collaborate with international partners to have more access to the Green Climate Fund (\$30 billion Global Fund) for climate change purposes Educate public and private institutions on natural and man-made hazards and disaster risk reduction Strengthen early warning and response mechanism on disasters Implement gender sensitivity in disaster management 	Renovation of 75 river gauging stations and changing of automatic water level recorders						5.9				
Promote proactive planning for disaster prevention and mitigation		Installation and maintenance of Telemetry systems							22.40			

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Yearly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				2018	2019	2020	2021	GOG	IGF	Donor	Lead	Collaborating
TOTAL								28.30				

2018 ANNUAL ACTION PLAN

PROGRAMME ONE - GENERAL ADMINISTRATION AND MANAGEMENT

1.1 GENERAL ADMINISTRATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time frame				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Promote proper maintenance culture 	<ul style="list-style-type: none"> Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing 	Procure office facilities and supplies for the Ministry.	Accra					8.32	-	-	Gen. Admin Directorate	Sector Directorates
		Utilities	Accra					0.83	-	-		
	Fuel and Lubricants for official vehicles	Accra					0.3	-	-			
	General and Contract Cleaning Services	Accra					0.15	-	-			
	Armed Guard and Security	Accra					0.1	-	-			
	Repairs and Maintenance of Office Equipment	Accra					0.11	-	-			
	Publicity, Publications, and Subscription	Accra					0.5	-	-			
	Build capacity to ensure requisite skills for infrastructure maintenance	Accra	Maintenance and Repairs of official Vehicles	Accra					0.31	-		
Provision of administrative support for all activities of the various Directorates and units within the Ministry	Accra	Servicing of Statutory Meetings	Accra					0.4	-	-		

	Upgrading of CCTV Surveillance Systems	Accra						0.2	-	-		
	Property Rate	Accra						0.2	-	-		
	Travels, Transport and Per Diem	Accra						0.8	-	-		
	Document Decongestion Exercise	Accra						0.05	-	-		
TOTAL								12.27	-	-		

1.2 FINANCE

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Ensure improved fiscal performance and sustainability	• Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921)	Prepare quarterly financial reports	HQ					0.006			FINANCE	
	• Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921)	Prepare Annual financial reports						0.01			FINANCE	
	• Ensure effective financial management and oversight of State Owned Enterprises	Safe Custody of Value Books						0.02			FINANCE	
	• Eliminate revenue collection Leakages	Revenue Mobilization						0.24			FINANCE	INTERNAL AUDIT/ESTATE
	• Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Revenue Mobilization Vehicle						0.17			FINANCE	PROCUREMENT
TOTAL								0.446	-	-		

1.3 HUMAN RESOURCE MANAGEMENT AND DEVELOPMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe secure, quality and affordable housing Promote proper maintenance culture	Build capacity to ensure requisite skills for infrastructure maintenance	Capacity of Thirty-Five (35) Staff developed in PPP Skills	Accra					0.050	-	-	HRMD	Directorates, Department and Agencies
		Scheme of Service Training at GIMPA, Civil Service Training Center, MDPI, and other private training providers attended by thirty (30) Staff	Accra					0.040	-	-		
		Staff Welfare Constitution implemented	Accra					0.11	-	-		
		Executive Development programmes implemented	Accra					0.070	-	-		
		Training on the operationalization of the e-governance work space project	Accra					0.080	-	-		
		Capacities of Heads of Directorates, Departments and Agencies and their HR officers in Performance Management improved.	Accra					0.075				
		Train Directors/Heads of Agencies/Personnel officers in training needs assessment	Accra					0.075				
		Train Directors/ other relevant staff in the Public Procurement Process (Procurement Act) and the Public Financial Management Act	Accra					0.090				
		Develop Annual Promotion Register	Accra					-				
		Ten (10) Staff of the Ministry promoted to their next higher grades	Accra					0.020				
			Accra									
		HRMIS of the Civil Service implemented	Accra					0.070				
		Support and manage the HRMIS	Accra					0.040				
		Management of the Directorate	Accra					-				
		Organize quarterly meetings with HR officers of the various Departments of the Ministry	Accra					0.004				
		Enforcement of discipline	Accra					-				
		Monitoring staff movement	Accra					-				
Management of staff leave	Accra					-						

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Ensure the reduction of new HIV and AIDS/STIs infections, especially among the vulnerable groups	Intensify education to reduce stigmatization	Equal opportunities for all employees of the Ministry	Accra					-				
		Adopt a policy of no discrimination against staff or clients of the Ministry suffering from HIV/AIDS	Accra					-				
		Advocate for the integration of HIV policies into policies and practices of the Ministry	Accra					-				
Attain gender equality and equity in political, social and economic development systems and outcomes	Target attainment of gender-appointed committees, boards and other relevant official bodies	Increase the participation of women employees in high level meetings of the Ministry	Accra					-				
		Encourage women employees in the Ministry to improve their status	Accra					0.020				
		Institutionalize policies or practices aimed at preventing gender based discrimination at the work place	Accra					-				
	Institute gender-responsive budgeting and training on gender equality in civil and public services	Justify budgetary allocations to facilitate the promotion of gender based programmes	Accra					-				
		Facilitate the participation of gender desk officers and staff in seminars, workshop and training programmes on gender issues						0.030				
Promote discipline in all aspects of life	Strengthen advocacy to promote attitudinal change	Enforcement of Discipline	Accra					-				
		Organize Change management workshop	Accra					0.050				
	Institute mechanism for rewarding good behavior and sanctioning bad behaviour	Performance Management implemented	Accra					0.030				
		Encourage Management to institutionalize reward systems to reward high performing officers	Accra					0.010				
TOTAL								0.414	-	-		

1.4 POLICY PLANNING, BUDGETING, MONITORING AND EVALUATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. 	<ul style="list-style-type: none"> Strengthen the implementation of development plans 	Organise Mid-year review of annual budget performance	Accra					0.060	-	-	PPBME Directorate	Directorates, Departments and Agencies, MoF, MLGRD, NDPC, MMDA's, Private Sector
		Organise Annual review of annual budget performance	Accra					0.060				
<ul style="list-style-type: none"> Build a competitive and modern construction industry. 	<ul style="list-style-type: none"> Prepare and implement national policy guidelines to streamline public policy formulation 	Organize Annual review of the Sector Medium Term Development Plan	Accra					0.060				
		<ul style="list-style-type: none"> Enhance capacity for policy formulation and coordination 	Organize Annual review of the Sector Monitoring and Evaluation Plan	Accra					0.060			
<ul style="list-style-type: none"> Strengthen the capacity of public institutions to undertake policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting 	<ul style="list-style-type: none"> Strengthen the implementation of development plans 	Prepare Annual progress reports	Accra					0.060				
		Prepare quarterly budget performance reports	Accra					0.025				
Enhance the production and dissemination of disaggregated data		Undertake Impact Assessment of Coastal Protection Projects	Coastline					0.20	-	-		
<ul style="list-style-type: none"> Strengthen the capacity of public institutions to undertake policy 		Implementation of M&E Action plan	Accra					0.115	-	-		
		Purchase of 2Nº Pickup	Accra									

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GoG	IGF	Donor	Lead	Collaborating
	analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	vehicles for Monitoring										
	<ul style="list-style-type: none"> Strengthen the implementation of development plans 	Prepare Annual Budget Estimates for ensuing year	Accra					0.060				
TOTAL								1.1	-	-		

1.5 RESEARCH STATISTICS INFORMATION MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
				<ul style="list-style-type: none"> Enhance application of ICT in national development Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Mainstream 	<ul style="list-style-type: none"> Ensure that research output is turned into industrial applications Scale up investments in research and development to find local solution to challenges Ensure that research output is turned into industrial applications 	<ul style="list-style-type: none"> Publications of Sector Handbook and Service Charter Collation/Compilation of Conventions, Protocol Agreements, Statutory Acts Conduct Beneficiary/Clients Service Surveys 	<ul style="list-style-type: none"> Nationwide Ministry Ministry 					0.04
								0.01	-	-	RSIM	Directorates, Departments and Agencies
								0.01			RSIM	Directorates, Departments and Agencies

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
				science, technology and innovation in all socio-economic activities	<ul style="list-style-type: none"> Strengthen data interoperability within the National Statistical System Apply science, technology and innovation in implementation of policies, programmes and projects 	Participation in National and International Policy Fair	Ministry					0.06
	<ul style="list-style-type: none"> Mainstream ICT in public sector operations 	Generate statistical report on Sector's activities	Accra					0.23	-	-	RSIM	Directorate, Departments Agencies and private sectors
	<ul style="list-style-type: none"> Develop and maintain online database for all categories of properties and provide secured data access 	Upgrade Ministerial Information Centre/Library						0.06	-	-	RSIM	
	<ul style="list-style-type: none"> Develop and integrate identification coding schemes for landed properties and online tracking services for registered properties 	Participation in Meet-the-Press-Series	Accra					0.06	-	-	RSIM	Directorates, Departments and Agencies
	<ul style="list-style-type: none"> Promote research in matters relating to the construction industry 	Facilitate Training of staff in the use of ICT and E- workspace applications	Accra					0.06	-	-	RSIM	Directorates, Departments and Agencies

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
	<ul style="list-style-type: none"> Strengthen capacity of research and statistical information management of MDAs and MMDAs 	Development of a new ICT Policy	Accra					0.03	-	-	RSIM	Directorates, NITA
	<ul style="list-style-type: none"> Establish and maintain a construction industry information system for Ghana 	Re- develop/ Maintenance of Ministry's Website,	Accra					0.025	-	-	RSIM	Directorates, Departments and Agencies
	<ul style="list-style-type: none"> Enhance the production and dissemination of disaggregated data 	Audit and Maintenance of ICT equipment	Accra					0.03	-	-	RSIM	Directorates, Departments and Agencies
	<ul style="list-style-type: none"> Improve the quality of ICT services, especially internet and telephony 	Purchase of relevant software (Anti-Virus)	Accra					0.006	-	-	RSIM	Directorates, Departments and Agencies, OHCS
		Annual internet subscription	Accra					0.060	-	-	RSIM	Directorates, Departments and Agencies
		Annual data protection fee	Accra					0.02	-	-	RSIM	Directorates, Departments and Agencies
	<ul style="list-style-type: none"> Ensure that research output is turned into industrial applications 	Review of Ministry's brochures and fliers	Accra					0.04	-	-	RSIM	Directorates, Departments and Agencies
								0.599				

1.6 INTERNAL AUDIT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies		
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating	
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Ensure improved fiscal performance and sustainability 	<ul style="list-style-type: none"> Ensure effective financial management and oversight of State Owned Enterprises 	Conduct financial audit	HQ					-			IAU	RCD, PSHLSB	
		Organize AC meetings					0.03				IAU	GA	
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance Ensure effective financial management and oversight of State Owned Enterprises 	2 officers to attend training on Report writing and information gathering skills							-			IAU	
		Verification and inspection of projects on quarterly basis							0.03			IAU	PPBME
		Conduct procurement and stores management Audit							0.02			IAU	PPA
Conduct payroll/personnel management audit								0.01			IAU	HRMD	

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance 	One officer to attend International Conference annually						0.02			IAU	IIA
		2 Officers to attend training in project auditing						-			IAU	GIMPA
		2 Officers to attend training in Risk/System based auditing						0.02			IAU	MDPI
	<ul style="list-style-type: none"> Ensure effective financial management and oversight of State Owned Enterprises 	Follow-up on previous audit by IAU and GAS						0.01			IAU	GAS
		Conduct Asset Management audit						0.01			IAU	ESTATES
		Conduct management/operational audit						0.01			IAU	OHCS
		Prepare ensuing year budget and audit plans						0.01			IAU	MOF
		Develop a Risk register for the Ministry						-			IAU	IAA
		Prepare strategic plan for the Unit						0.01			IAU	
		Cash Management Audit						0.01			IAU	
Fuel and Transport Management Audit						0.01			IAU			

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		IGF Audit						0.01			IAU	
		Budget Cycle Audit						-			IAU	
	Build capacity to ensure requisite skills for infrastructure maintenance	Audit Software Training for 4 officers						0.04			IAU	YANKAH LINKS
TOTAL								0.25				-

2.0 PROGRAMME TWO - HUMAN SETTLEMENT DEVELOPMENT

2.1 HOUSING SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing.	• Accelerate implementation of the national housing policy	Conclude the Housing Implementation Strategy	Nationwide					0.05	-	-	HD	MDAs, MMDAs, DPs, CSO, PRIVATE SECTOR
	• Promote social housing scheme in urban, peri-urban and rural areas	Stakeholder engagement on Housing Implementation Strategy	Nationwide					0.45	-	-	HD	MDAs, MMDAs, DPs, CSO, PRIVATE SECTOR
Build a competitive and modern construction industry		• Provide support for private sector involvement in the delivery of rental housing	Undertake an inventory on government landed properties	Nationwide					0.05	-	-	HD
	Implement the redevelopment programme to increase the housing stock		Nationwide					3.00	-	-	HD	MMDAs, Private Sector
	• Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement	Completion of 1,526No. affordable housing units	Kpone					-	-	70.00	HD	TDCL
		Completion of 1,030No. affordable housing units at Asokore Mampong by SSNIT	Asokore Mampong					-	-	50.00	HD	SSNIT
		Completion of 342No. affordable housing units	Koforidua					-	-	30.00	HD	GREDA, Private Sector
• Strengthen the implementation of the	Completion of 200No. affordable housing units	Tamale					-	-	17.50	HD	GREDA, Private Sector	

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GHC Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> national building code Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations Improve and standardize techniques and material use 	<ul style="list-style-type: none"> Provide technical assistance to communities to support basic house building skills training programmes 	Completion of 144No. affordable housing units	Wa					-	-	10.00	HD	GREDA, Private Sector
		Construction of 5,000 Housing Units by M/s Constructora OAS, Phase 1 - 1,502 Housing Units	Saglemi					-	-	100.00	HD	GREDA, GIA, GhIE, GIP, GhIS, MMDA's, Constructora OAS
		Construction of 5,000 Housing Units by M/s Constructora OAS, Phase 2 - 1,448 Housing Units	Saglemi					-	-	100.00	HD	GREDA, GIA, GhIE, GIP, GhIS, MMDA's, Constructora OAS
		Construction of 86No. housing units for Public Servants	Accra					7.00	-	-	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construct 500No housing units for the security services under the Security Services Housing Programme - Phase 3	Tema					60.00	-	-	HD	MMDAs, GREDA, Private Sector
		Construction of 1000 Housing Units by M/s Falcon Crest, Phase 1 -	Accra							300.00		
		Identify and procure land banks for affordable housing projects	Nationwide					10.00	-	-	HD	MMDAs, GREDA, Traditional Authorities
		Support the Implementation of the Slum Upgrading and Prevention Strategy	Nationwide					2.00				MLGRD, MMDAs, NDPC, CSO, DPs, Private Sector
<ul style="list-style-type: none"> Improve investment for housing provision 	Payment of subscription to International Organisations (UN-HABITAT, AMCHUD, Shelter Afrique)					20.00	-	-	HD	UN-HABITAT, AU		
TOTAL								71.69	0	677.5		

2.2 URBAN HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing	Accelerate implementation of the National Housing Policy	Development of a national rent policy and review of the Rent Act 1963,	Accra					-	-	-	RCD	MWH, Private Sector

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Build capacity to ensure requisite skills for infrastructure maintenance	Embark on a national public education and sensitization programme	Accra					-	-	-	RCD	MWH, Private Sector, Media
	Promote Social Housing Scheme in Urban, peri-urban and rural areas	Renovation and refurbishment of Rent Control offices	Accra					0.08	-	-	RCD	MWH, Private Sector
		National registration of landlords and tenants	Accra					-	-	-	RCD	MWH, Private Sector
	Improve investment for housing provision	Development of an online site for prospective tenants and vacant apartments for rent	Accra					-	-	-	RCD	MWH, Private Sector
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Procurement of 1 pickup vehicle	Accra					-	-	-	RCD	MWH, Private Sector
	Build capacity to ensure requisite skills for infrastructure maintenance	Capacity building of rent officers	Accra					-	-	-	RCD	MWH, Private Sector
	Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations	Opening of four new offices	Accra					0.20	-	-	RCD	MWH, Private Sector
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of office equipment	Accra					-	-	-	RCD	MWH, Private Sector
	Build capacity to ensure requisite skills for infrastructure maintenance	Recruitment and training of new officers	Accra					-	-	-	RCD	MWH, Private Sector
	Accelerate implementation of the National Housing Policy	Documentary on basic rent laws and procedure	Accra					-	-	-	RCD	MWH, Private Sector

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Open forum for the public on rent issues	Accra					-	-	-	RCD	MWH, Private Sector
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of two saloon vehicles	Accra					-	-	-	RCD	MWH, Private Sector
	Improve investment for housing provision	Disburse housing loans to Civil and Public Servants	Accra					0.07	1.99	-	PSHLSB	MWH
	Promote Social Housing Scheme in Urban, peri-urban and rural areas	Construction of Flats Com. 1, Site 3	Tema						11.30		TDC	ECG, GWCL, DUR, MMDAs
		Construction of Flats Com. 24	Tema						51.84		TDC	ECG, GWCL, DUR, MMDAs
		Affordable Housing at Kpone (Community 26)	Tema						78.33		TDC	AESL, ECG, GWCL, DUR, MMDAs
		Infrastructure Development at Kpone (Community 26)	Tema						25.10		TDC	AESL, ECG, GWCL, DUR, MMDAs
		Staff housing	Tema						4.80		TDC	AESL, ECG, GWCL, DUR, MMDAs
		Kaizer flats redevelopment (Phase 1)	Tema						13.36		TDC	AESL, ECG, GWCL, DUR, MMDAs
	Provide technical assistance to communities to support basic house building skills training programmes	Staff training	Tema						1.78		TDC	MWH, Training Institutions
	Improve and standardize techniques and material use	Acquisition of Lands	Tema						0.00		TDC	LANDS COMMISSION, MWH, TRADITIONAL COUNCIL
		Acquisition of land banks	Tema						4.2		SHC	Land Commission, Local Govt, Forestry, Interior, Land and Spatial Use Authority (LUSPA)

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Provide technical assistance to communities to support basic house building skills training programmes	Number of students given opportunity on attachment, and national service	Tema						0.02		SHC	GES, Universities, Ministry of education, NSS
	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Number of staff trained	Tema						0.03		SHC	MWH, Training Institutions
	Strengthen the implementation of the national building code	Number of estates houses to be developed with integrated building codes.	Tema						25	100	SHC	AESL, Highways, Ghana Water, ARC, SHC
	Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement	Percentage of pozzolana cement use in concrete works	Tema						0.25	1.0	SHC	MWRWH,MESTI,GIA,GIP,EPA,PPA,NADMO,MDA 's, GhiE, GhiS
	Provide support for private sector involvement in the delivery of rental housing	Number of housing units to be derived from the high rise buildings	Accra						15	60	SHC	AESL, ARC, SHC
	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Number of housing plans with waste management and recycle scheme	Accra						0.41		SHC	MWH,MESTI,GIA,GIP,EPA,PPA,NADMO,MMDA 's
	Strengthen the implementation of the national building code	Number of settlements with orderly planned schemes	Accra						18	72	SHC	LUSPA, development partners, MOJ and AGD
	Expand availability of housing financing	Number of housing designs and financing that meet the national standards	Accra						16.25		SHC	LUSPA, Land commission
TOTAL								0.35	267.66	233		

2.3 RURAL HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies		
				1st	2nd	3 rd	4th	IGF	Donor	Lead	Collaborating		
<ul style="list-style-type: none"> Enhance quality of life in rural areas Provide adequate, safe, secure, quality and affordable housing. Enhance production and supply of quality raw materials Ensure improved fiscal performance and sustainability Promote proper maintenance culture 	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector Build capacity to ensure requisite skills for infrastructure maintenance 	Facilitate the training of 150№ District Assemblies Technicians	Nationwide					0.05	-	-	DRH	MMDAs,	
		Sensitization and Awareness	Nationwide					0.08	-	-	DRH	MMDAs, NGOs	
		Facilitate and assist in the construction of 100№ Rural Houses	Nationwide					0.75	-	-	DRH	MMDAs, NGOs, GREDA	
		<ul style="list-style-type: none"> Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement 	Rehabilitation of 150№ Rural Houses	Nationwide					0.35	-	-	DRH	GOG, MMDAs, NGOs
			Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Accra					0.15	-	-	DRH	MMDAs, MWH, NGOs, GREDA
		<ul style="list-style-type: none"> Provide incentives for the production and supply of quality raw materials for industry 	Facilitate the process of establishing 30№ District Assembly staff housing	Nationwide					0.25	-	-		MMDAs, NGOs, GREDA
			Renovation of DRH Head Office.	Accra					0.12	-	-	DRH	MMDAs, NGOs

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th		IGF	Donor	Lead	Collaborating
	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Construction skills training for District Assemblies	Nationwide					0.70	-	-	DRH	MMDAs, GREDA
	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Establish 30 th Material banks	Nationwide					0.35	-	-	DRH	MMDAs, NGOs
	<ul style="list-style-type: none"> professional bodies to train more human resources for the construction sector 	Establish Corporative Housing Schemes in ten (10) regions	Nationwide					0.08	-	-	DRH	MMDAs, NGOs, Trade Associations,
		Complete the Rehabilitation of Official Bungalows	Nationwide					0.5	-	-	DRH	MWH, AESL
TOTAL								3.38	-	-		

2.4 MANAGEMENT OF PUBLIC CONSTRUCTION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Build a competitive and modern construction industry.	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance 	Training of probationers in the architectural profession.	Accra								ARC	MWH, MLGRD, GIA, GhIE, PPA
Provide adequate, safe, secure, quality	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector 			Development control workshop for technicians	Accra					-	-	-

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
and affordable housing Promote proper maintenance culture		Professional practice exams and induction ceremony.	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
		Sensitization and advocacy program on the use of local building materials	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
		Training for small and medium scale contractors	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
		Review of Architects Decree NLCD,1969 357	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
		Staff Training	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
Enhance capacity for policy formulation	Ensure accreditation and certification of skilled construction workers and construction site supervisors	Review of the Professional Practice Syllabus	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
	Strengthen the capacity of public institutions for undertaking policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Monitoring of the KNUST and CUC schools of Architecture	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
Support technical education institutions and other professional bodies to		Publication / Gazetting of the registration of Architects and Architectural Firms	Accra					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
		Continuous Professional	Accra					-	-	-	ARC	MWH,

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	train more human resources for the construction sector	development (CPD) for Architects										MLGRD, GIA, GhIE, PPA
		Rehabilitate, refurbish and maintain the existing office building of ARC	Accra					0.04	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of plant and Equipment	Accra					0.02	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
	Ensure accreditation and certification of skilled construction workers and construction site supervisors	Training, certification and accreditation of building design technicians	Accra								ARC	
	Strengthen the implementation of the national building code	Rehabilitation of Engineers Council Office building	Accra					0.04	-	-	EC	MWH, MLGRD, GIA, GhIE, PPA
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of office facilities and supplies	Accra					-	-	-	EC	MWH, MLGRD, GIA, GhIE, PPA
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance Support technical education institutions and 	Training of staff of the Engineers Council	Accra					-	-	-	EC	MWH, GhIE, PPA, MMDA's
		Ensure the incorporation of standardized building codes in the designs of building structures						-	0.5	-	AESL	MWH, GhIE, PPA, MMDA's
		Specification of approved local construction materials in various designs						-	0.3	-	AESL	MWH, GhIE, PPA, MMDA's
		Students' attachment programmes						-	0.4	-	AESL	MWH, GhIE, PPA, MMDA's

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	other professional bodies to train more human resources for the construction sector • Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement	Financial support for professional bodies					-	0.1	-	AESL	MWH, GhIE, PPA, MMDA's	
		Incorporation of the use of Pozzolana cement in designs					-	-	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC, MMDAs MWH GNFS, EPA, TCPD, MMDAs	
		Education on the use of Pozzolana					-	0.05	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC, MMDAs	
		Conducting structural integrity test on both old and new buildings					-	0.4	-	AESL	GhIS, GhIE, GIA	
		Valuations of land and buildings					-	0.9	-	AESL	GhIS, GhIE, GIA	
	Build capacity to ensure requisite skills for infrastructure maintenance	Capacity building for AESL staff					-	0.5	-	AESL	ABCEC, PGL, MMDAs	
TOTAL								0.1	3.15			

PROGRAMME THREE - INFRASTRUCTURE SECTOR MANAGEMENT

3.1 WORKS SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies		
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating	
<ul style="list-style-type: none"> Promote proper maintenance culture Address recurrent devastating floods Build a competitive and modern construction industry. Enhance capacity for policy formulation and coordination 	Establish timely and effective preventive maintenance plan for all public infrastructure	Develop the National Maintenance Policy	Accra					0.20	-	-	Works Dir.		
		Develop an Action Plan for the implementation of the National Maintenance Policy	Accra					-	-	-			
	Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea coastlines.	Establish a Ghana Hydrological Authority						0.10					
		Promote and stimulate the development and expansion of the Ghanaian construction industry	Establish a Building and Construction Agency					0.10					
	Implement the Annual Emergency National Flood Control programme	Rehabilitate, refurbish and maintain the UNDP Blocks of Flats	Accra					10.20	-	-			
			Accra					4.00	-	-			
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase Saloon Vehicles for Director	Accra					0.24	-	-			
		Purchase of three (3) Cross Country vehicle	Accra					0.60	-	-			
	Strengthen the capacity of public institutions to undertake policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Monitor and Evaluate Works Directorate programmes						0.17	-	-			
TOTAL								15.61					

3.2 GENERAL MAINTENANCE AND MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Promote proper maintenance culture	<ul style="list-style-type: none"> Establish timely and effective preventive maintenance plan for all public infrastructure Build capacity to ensure requisite skills for infrastructure maintenance 	Renovate 150№ of Government bungalows, flats and JSQs annually	Countrywide					3.80	-	-	PWD	MWH
		Complete 150№ Keta Sea Defense Resettlement Housing Units	Keta					3.00				
		Rehabilitate the existing ministerial block of offices	Accra					1.63				
		Rehabilitate GoG Ministerial Bungalows	Accra									
		Refurbish 10№ Regional offices of Prestige Facilities Management Division	Countrywide					1.11				
TOTAL								9.54	-	-		

3.3 DRAINAGE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Address recurrent devastating floods	<ul style="list-style-type: none"> Construct storm drains in Accra and other cities and towns to address the recurrent devastating floods. Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea coastlines. Prepare and implement adequate drainage plans for all MMDAs 	Construction of Regional and District Primary Drains	Countrywide					200.00	-	1,000.00	HSD	MWH, MOFEP, MLGRD, LUSPA, EPA, NADMO, MESTI
		Construction of the Greater Accra Drainage System	Accra					-	-	800.00		
		Develop 10 Regional Drainage Master Plans	Countrywide					17.50	-	-		
		Develop 20 District Drainage Master Plans	Countrywide					5.00	-	45.00		
		Dredging of the Lagoons, retention dams and water ponds	Accra					100.00	-	-		
		Design and Construct dredging and Channel Works and Bridge under the Meridian Gardens Development Klagon Project	Tema					12.84	-	-		
		Akora River drainage project	Swedru					15.80	-	-		
		Payment of land and crop compensation at	Amasaman					12.00	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Adjen Kotoku										
TOTAL								363.14		1,845.00		

3.4 COASTAL MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Reduce coastal and marine erosion	<ul style="list-style-type: none"> Promote investment in hard control structures including gabions and boulder 	Develop a Coast Line Master Plan for Protection	Accra					-	-	85.00	HSD	MWH, MOF, MLGRD, GPHA, MOT, Ghana Navy, NADMO, EPA,
		Construction of Dansoman Emergency Coastal Protection Works	Dansoman					39.13	-	-		
	<ul style="list-style-type: none"> Promote mangrove forests replanting and planting of other vegetative cover to contain erosion 	Re-engineering and re-construction of Ada Coastal Project	Ada					-	-	27.89		
		Construction of New Takoradi (Elmina) Sea Defense Project	Elmina					65.15	-	-		
	<ul style="list-style-type: none"> Control sand mining along beaches 	Construction of Aboadze Coastal Protection Works	Aboadze					85.50	-	-		
		Construction of Blekusu Sea Defense Project	Blekusu					94.00	-	-		
	<ul style="list-style-type: none"> Strengthen the participation of local communities in sustainable coastal management practices. 	Construction of Anomabo Sea defense Protect						59.00	-	-		
		Construction of Axim Sea Defense Project	Axim					34.50	-	-		
		Construction of Adjoa (Near Takoradi) Coastal Protection Works	Takoradi					83.09				
		Construction of Amanful Kumah Coastal Protection	Amanful Kumah					18.00				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Works										
		Construction of Cape Coast Coastal Protection Works.	Cape Coast					30.00				
		Construction of Mensah Guinea Sea Defense Project	Mensah Guinea					-	-	600.00		
		Construction of Komenda Sea defense Project	Komenda					21.00				
		Construction of Dixcove Sea defense Project	Dixcove					18.00				
		Construction of Akplabanya Sea defense Project	Akplabanya					21.00				
		Construction of Prampram Sea defense Project	Prampram					20.00				
		Construction of Ekumfi Sea defense Project	Ekumfi					18.00				
		Construction of Senya Breku Sea defense Project	Senya Breku					15.00				
TOTAL								651.37				

3.5 OPERATIONAL HYDROLOGY

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Promote proactive planning for disaster prevention and mitigation	Strengthen early warning and response mechanism on disasters	Renovation of 75 river gauging stations and changing of automatic water level recorders	Countrywide					1.70	-	-	HSD	MWH, MOFEP, MLGRD, LUSPA, EPA, NADMO, MESTI
		Installation and maintenance of Telemetry systems	Countrywide					5.60	-	-		
TOTAL								7.3	-	-		

2019 ANNUAL ACTION PLAN
PROGRAMME ONE - GENERAL ADMINISTRATION AND MANAGEMENT

1.2 GENERAL ADMINISTRATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time frame				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> • Provide adequate, safe, secure, quality and affordable housing. • Build a competitive and modern construction industry. 	<ul style="list-style-type: none"> • Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing 	Procure office facilities and supplies for the Ministry.	Accra					9.0	-	-	Gen. Admin Directorate	Sector Directorates
		<ul style="list-style-type: none"> • Provision of administrative support for all activities of the various Directorates and units within the Ministry 	Utilities	Accra					0.85	-	-	-
	Fuel and Lubricants for official vehicles		Accra					0.31	-	-	-	-
	General and Contract Cleaning Services		Accra					0.17	-	-	-	-
	Armed Guard and Security		Accra					0.1	-	-	-	-
	Repairs and Maintenance Office Equipment		Accra					0.13	-	-	-	-
	Publicity, Publications, and Subscription		Accra					0.6	-	-	-	-
	Build capacity to ensure requisite skills for infrastructure maintenance		Maintenance and Repairs of official Vehicles	Accra					0.35	-	-	-
	<ul style="list-style-type: none"> • Provision of administrative support for all activities of the various Directorates and units within the Ministry 	Servicing of Statutory Meetings	Accra					0.5	-	-	-	-
		Upgrading of CCTV Surveillance Systems	Accra					0.0	-	-	-	-
		Property Rate	Accra					0.4	-	-	-	-
		Travel, Transport and Per Diem	Accra					0.9	-	-	-	-
		Document Decongestion Exercise	Accra					0.0	-	-	-	-
TOTAL								13.31				

1.2 FINANCE

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Ensure improved fiscal performance and sustainability 	<ul style="list-style-type: none"> Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921) 	Prepare quarterly financial reports	HQ					0.006			FINANCE	INTERNAL AUDIT/ESTATE
		Prepare Annual financial reports					0.01					
	<ul style="list-style-type: none"> Ensure effective financial management and oversight of State Owned Enterprises 	Safe Custody of Value Books										
	<ul style="list-style-type: none"> Eliminate revenue collection Leakages 	Revenue Mobilization					0.24					
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Revenue Mobilization Vehicle										
TOTAL								0.256				

1.3 HUMAN RESOURCE MANAGEMENT AND DEVELOPMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe secure, quality and affordable housing	Build capacity to ensure requisite skills for infrastructure maintenance	Scheme of Service Training at GIMPA, Civil Service Training Center, MDPI, and other Private Training Providers attended by Thirty (30) Staff	Accra					0.040	-	-		
		Secure quarterly budgetary allocation towards the running of the Welfare Scheme	Accra					0.080	-	-		
		Executive Development programmes implemented	Accra					0.070	-	-		
		Conduct Sector-wide skills development training in GoG rules and regulations for HR and Personnel Officers	Accra					0.030				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Train Directors/Heads of Agencies/Personnel officers in training needs assessment	Accra					0.080			HRMD	Directorates, Department and Agencies
		Develop Annual Promotion Register	Accra					-				
		Ten (10) Staff of the Ministry promoted to their next higher grades	Accra					0.020				
		Performance Management implemented	Accra					0.030				
		HRMIS of the Civil Service implemented	Accra					0.070				
		Support and manage the HRMIS	Accra					0.040				
		Management of the Directorate	Accra					-				
		Organize quarterly meetings with HR officers of the various Departments of the Ministry	Accra					0.005				
		Enforcement of discipline	Accra					-				
		Monitoring staff movement	Accra					-				
		Produce annual report on staff movement	Accra					-				
		Produce monthly and annual Report on staff attendance	Accra					-				
		Develop an Annual Leave Roster	Accra					-				
		Facilitate the implementation of the Annual Leave Roster	Accra					-				
Ensure the reduction of new HIV and AIDS/STIs infections, especially among the vulnerable groups	Intensify education to reduce stigmatization	Equal opportunities for all employees of the Ministry	Accra					-	-	-		
		Adopt a policy of no discrimination against staff or clients of the Ministry suffering from HIV/AIDS	Accra					-	-	-		
		Advocate for the integration of HIV policies into policies and practices of the Ministry	Accra					-	-	-		
Attain gender equality and equity in political, social and economic development systems and outcomes	Target attainment of gender-appointed committees, boards and other relevant official bodies	Increase the participation of women employees in high level meetings of the Ministry	Accra					-	-	-		
		Encourage women employees in the Ministry to improve their status	Accra					0.022				
		Institutionalize policies or practices aimed at preventing gender based discrimination at the work place	Accra					-	-	-		
	Institute gender-responsive budgeting and training on gender equality in civil and public services	Lobby for more budgetary allocations to facilitate the promotion of gender based programmes	Accra					-	-	-		
		Facilitate the participation of gender desk officers and staff in seminars, workshops and	Accra					0.032				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		training programmes on gender issues										
Promote discipline in all aspects of life	Strengthen advocacy to promote attitudinal change	Enforcement of Discipline	Accra					-	-	-		
		Organize Change management workshop	Accra					0.053				
	Institute mechanism for rewarding good behavior and sanctioning bad behaviour	Performance Management implemented	Accra					0.032				
		Encourage Management to institutionalize reward systems to reward high performing officers	Accra					0.011				
TOTAL								0.395	-	-		

1.4 POLICY PLANNING, BUDGETING, MONITORING AND EVALUATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GoG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing.	Strengthen the implementation of development plans	Organize Mid-year review of annual budget performance.	Accra					0.070	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
		Organise Annual review of annual budget performance	accra					0.070				
Build a competitive and modern construction industry.	Prepare and implement national policy guidelines to streamline public policy formulation	Organize Annual review of the Sector Medium Term Development Plan	Accra					0.070	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
		Organize Annual review of the Sector Monitoring and Evaluation Plan	Accra					0.070	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
Enhance capacity for formulation and coordination	Strengthen the capacity of public institutions for the undertaking policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Implement the M&E Action plan	Nationwide					0.117	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
		Undertake Impact Assessment of the Blekusu Coastal Project	Volta					0.25			PPBME	Directorates, Departments, Agencies, NDPC, MoF
		Prepare Annual progress reports	Accra					0.070	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
		Prepare quarterly budget performance reports	Accra					0.025	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
	Strengthen the implementation of development plans	Prepare Annual Budget Estimates for ensuing year	Accra					0.070	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
TOTAL								0.812	-	-		

1.5 RESEARCH STATISTICS INFORMATION MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
				<ul style="list-style-type: none"> Enhance application of ICT in national development Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Mainstream science, technology and innovation in all socio-economic activities 	<ul style="list-style-type: none"> Apply science, technology and innovation in implementation of policies, programmes and projects Scale up investments in research and development to find local solution to challenges Ensure that research output is turned into industrial applications Mainstream ICT in public sector operations Improve the quality of ICT services, especially internet and telephony Develop and maintain online database for all categories of all properties and provide secured data access Develop and integrate identification coding 	<ul style="list-style-type: none"> Review of Sector publications (Sector Handbook, Ministry's Service Charter) Collation/Compilation of Conventions, Protocol Agreements, Statutory Acts Conduct Beneficiary/Clients Service Surveys Participation in National and International Policy Fair Generate statistical report Upgrade of Ministerial Information Centre/Library 	<ul style="list-style-type: none"> Nationwide Ministry Ministry Ministry Accra 					0
								0.00	-	-	RSIM	Directorates, Departments and Agencies
								0.01			RSIM	Directorates, Departments and Agencies
								0.03	-	-	RSIM	Directorates, Departments and Agencies, OHCS
								0.22	-	-	RSIM	Directorate, Departments Agencies and private sectors
								0.05	-	-	RSIM	

<ul style="list-style-type: none"> • schemes for landed properties and online tracking services for registered properties • Promote research in matters relating to the construction industry • Establish and maintain a construction industry information system for Ghana • Strengthen capacity of research and statistical information management of MDAs and MMDAs • Enhance the production and dissemination of disaggregated data • Strengthen data interoperability within the National Statistical System 											
	Participate in Meet- the- Press-Series	Accra				0.03	-	-	RSIM	Directorates, Departments and Agencies	
	Facilitate Training of staff in the use of ICT and E- workspace applications	Accra				0.03	-	-	RSIM	Directorates, Departments and Agencies	
	Development of a new ICT Policy	Accra				0	-	-	RSIM	Directorates, NITA	
	Re- develop/ Maintenance of Ministry's Website,	Accra				0.005	-	-	RSIM	Directorates, Departments and Agencies	
	Audit and Maintenance of ICT equipment	Accra				0.03	-	-	RSIM	Directorates, Departments and Agencies	
	Purchase of relevant software (Anti-Virus)	Accra				0.007	-	-	RSIM	Directorates, Departments and Agencies, OHCS	
	Annual internet subscription	Accra				0.048	-	-	RSIM	Directorates, Departments and Agencies	
	Annual data protection fee	Accra				0.02	-	-	RSIM	Directorates, Departments and Agencies	
	Review of Ministry's brochures and fliers	Accra				0.04	-	-	RSIM	Directorates, Departments and Agencies	
TOTAL						0.52					

1.6 INTERNAL AUDIT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies		
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating	
• Provide adequate, safe, secure, quality and affordable housing.	Ensure effective financial management and oversight of State Owned Enterprises	Conduct financial audit	HQ					0.02	-	-	IAU	ARC, HSD	
		Organize AC meetings						0.03	-	-	IAU	GA	
• Build a competitive and modern construction industry	Build capacity to ensure requisite skills for infrastructure maintenance	2 officers to attend training on Report writing and information gathering skills						0	-	-	IAU	UG	
	Ensure effective financial management and oversight of Departments / State Owned Enterprises	Verification and inspection of projects on quarterly basis						0.04	-	-	IAU	PPBME	
• Ensure improved fiscal performance and sustainability	Ensure effective financial management and oversight of Departments / State Owned Enterprises	Conduct procurement and stores management audit						0.02	-	-	IAU	PPA	
		Conduct payroll/personnel management audit						0.02	-	-	IAU	HRMD	
		Build capacity to ensure requisite skills for infrastructure maintenance	One officer to attend International Conference annually						0.03	-	-	IAU	IIA
	Build capacity to ensure requisite skills for infrastructure maintenance	2 Officers to attend training in project auditing							0.01	-	-	IAU	GIMPA
		2 Officers to attend training in Risk/System based auditing							-	-	-	IAU	MDPI
		Follow-up on previous audit by IAU and GAS							0.01	-	-	IAU	GAS
	Ensure effective financial management and oversight of State Owned Enterprises	Conduct Asset Management audit							0.01	-	-	IAU	ESTATES
		Conduct management/operational audit							0.01	-	-	IAU	OHCS

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Prepare ensuing year budget and audit plans						0.02	-	-	IAU	MOF
		Develop a Risk register for the Ministry						0.02	-	-	IAU	IAA
		Prepare strategic plan for the Unit						-	-	-	IAU	
		Cash Management Audit						0.01	-	-	IAU	
		Fuel and Transport Management Audit						0.01	-	-	IAU	
		IGF Audit						0.01	-	-	IAU	
		Budget Cycle Audit						0.01	-	-	IAU	
	Build capacity to ensure requisite skills for infrastructure maintenance	Audit Software Training for 4 officers						0.04	-	-	IAU	IAA
TOTAL								0.32				

2.0 PROGRAMME TWO - HUMAN SETTLEMENT DEVELOPMENT

2.1 HOUSING SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GoG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing.	• Accelerate implementation of the national housing policy	Undertake sensitization/Awareness Programmes on the Housing Policy and Implementation Strategy	Nationwide					3.00	-	-	HD	MMDAs, DPs, CSO, Private Sector
	• Promote social housing scheme in urban, peri-urban and rural areas	Implement the Redevelopment Programme to increase the Housing stock	Nationwide					3.00	-	-	HD	MMDAs, DPs, CSO, Private Sector
Build a competitive and modern construction industry	• Expand availability of housing financing	Completion of 1,526 No. affordable housing units at Kpone by TDCL	Kpone					-	-	175.00	HD	TDCL
		Completion of 1,030No. affordable housing units at Asokore Mampong by SSNIT	Asokore Mampong					-	-	65.00	HD	MMDAs, Private Sector

<ul style="list-style-type: none"> Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations Improve and standardize techniques and material use Provide technical assistance to communities to support basic house building skills training programmes 	Completion of 342No. affordable housing units at Koforidua	Koforidua						-	-	40.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
	Completion of 200No. affordable housing units at Tamale	Tamale						-	-	25.00	HD	SSNIT
	Completion of 144No. affordable housing units at Wa	Wa						-	-	15.00	HD	
	Construction of 2,000No. affordable housing units at Ho - Phase 2	Ho						-	-	160.00	HD	
	Construction of 2,000No. affordable housing units at Bolgatanga - Phase 2	Bolgatanga						-	-	160.00	HD	
	Construction of 2,000No. affordable housing units at Sunyani - Phase 2	Sunyani						-	-	160.00	HD	
	Construction of 2,000No. affordable housing units at Cape Coast - Phase 2	Cape Coast						-	-	160.00	HD	
	Construction of 3,500No. affordable housing units at Secondi/Takoradi - Phase 2	Takoradi						-	-	300.00	HD	
	Construction of 2,000No. affordable housing units at Wa - Phase 2	Wa						-	-	160.00	HD	
	Construction of 2,500No. affordable housing units at Tamale - Phase 2	Tamale						-	-	200.00	HD	
	Construction of 2,500No. affordable housing units at Koforidua - Phase 2	Koforidua						-	-	200.00	HD	
	Construction of 3,000No. affordable housing units at Kumasi - Phase 2	Kumasi						-	-	260.00	HD	
	Construction of 3,500No. affordable housing units at Accra - Phase 2	Accra						-	-	300.00	HD	
	Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 1 - 1,502 Housing Units							-	-	80.00	HD	
	Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 2 - 1,448 Housing Units							-	-	247.00	HD	
	Construction of 80No. housing units for Public Servants							7.0	-	-	HD	
	Construct 500No housing units for the security services under the Security Services Housing Programme Phase 3							60.00	-	-	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
	Construction of 1000 Housing Units by M/s Falcon Crest, Phase 1 -							900.00	-	-	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
	Identify and procure land banks for affordable housing projects	Nationwide						0.72	-	-	HD	MMDAs, GREDA
	Support the Implementation of the Slum Upgrading and Prevention Strategy	Nationwide						0.60	-	-	HD	

	<ul style="list-style-type: none"> Improve investment for housing provision 	Payment of subscription to International Organisations (UN-HABITAT, AMCHUD, SHELTER AFRIQUE)						20.00	-	-	HD	UN-HABITAT, AU
TOTAL								994.32		2,707		

2.2 URBAN HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
provide adequate, safe, secure, quality and affordable housing	Accelerate implementation of the National Housing Policy	Development of a national rent policy and review of the Rent Act 1963,	Accra					0.07	-	-	RCD	MWH, Private Sector
	Build capacity to ensure requisite skills for infrastructure maintenance	Embark on a national public education and sensitization programme	Accra					0.07	-	-	RCD	MWRWH, Private Sector, Media
	<ul style="list-style-type: none"> Promote Social Housing Scheme in Urban, peri-urban and rural areas Improve investment for housing provision 	Renovation and refurbishment of Rent Control offices	Accra					0.16	-	-	RCD	MWH, Private Sector
		National registration of landlords and tenants	Accra					0.07	-	-	RCD	MWH, Private Sector
		Development of an online site for prospective tenants and vacant apartments for rent	Accra					0.16	-	-	RCD	MWH, Private Sector
	<ul style="list-style-type: none"> Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing 	Procurement of 1 pickup vehicle	Accra					0.15	-	-	RCD	MWH, Private Sector
	Build capacity to ensure requisite skills for infrastructure maintenance	Capacity building of rent officers	Accra					0.03	-	-	RCD	MWH, Private Sector

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations	Opening of four new offices	Accra					-	-	-	RCD	MWH, Private Sector
	<ul style="list-style-type: none"> Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing 	Purchase of office equipment	Accra					-	-	-	RCD	MWH, Private Sector
	Build capacity to ensure requisite skills for infrastructure maintenance	Recruitment and training of new officers	Accra					-	-	-	RCD	MWH, Private Sector
	Accelerate implementation of the National Housing Policy	Documentary on basic rent laws and procedure	Accra					-	-	-	RCD	MWH, Private Sector
		Open forum for the public on rent issues	Accra					-	-	-	RCD	MWH, Private Sector
	<ul style="list-style-type: none"> Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing 	Purchase of two saloon vehicles	Accra					-	-	-	RCD	MWH, Private Sector
	Improve investment for housing provision	Disburse housing loans for Civil and Public Servants	Accra					5.00	-	-	PSHLSB	MWH
	Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations	Construction of Flats Com. 1, Site 3	Tema					-	11.30	-	TDC	ECG, GWCL, DUR. MMDAs
		Construction of Flats Com. 24	Tema					-	51.84	-	TDC	ECG, GWCL, DUR. MMDAs
		Affordable Housing at Kpone (Community 26)	Tema					-	78.33	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Infrastructure Development at Kpone (Community 26)	Tema					-	25.10	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
	Provide technical assistance to communities to support basic	Staff housing	Tema					-	4.80	-	TDC	AESL, ECG, GWCL, DUR, MMDAs

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	house building skills training programmes											
	Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations	Kaizer flats redevelopment (Phase 1)	Tema					-	13.36	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
	Provide technical assistance to communities to support basic house building skills training programmes	Staff training	Tema					-	1.78	-	TDC	MWH, Training Institutions
	Improve and standardize techniques and material use	Acquisition of Lands	Tema					-	0.00	-	TDC	LANDS COMMISSION, MWH, TRADITIONAL COUNCIL
		Acquisition of land banks	Tema								SHC	Land Commission, local govt, forestry ,interior, town and country planning
	Provide technical assistance to communities to support basic house building skills training programmes	Number of students given opportunity on attachment, and national service	Tema						0.02		SHC	GES, Universities, Ministry of education, NSS
	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Number of staff trained	Tema						0.03		SHC	MWH, Training Institutions
	Strengthen the implementation of the national building code	Number of estate houses to be developed with integrated building codes.	Tema						25	100	SHC	AESL, Highways, Ghana Water, ARC, SHC
	Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement	Percentage of pozzolana cement use in concrete works	Tema						0.25	1.0	SHC	MWRWH,MESTI,GIA,GIP,E PA,PPA,NADMO,MMDA 's, GhiE, GhiS
	Provide support for private sector involvement in the delivery of rental housing	Number of housing units to be derived from the high rise buildings	Accra						15	60	SHC	AESL, ARC, SHC

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Number of housing plans with waste management and recycle schemes	Tema						0.41		SHC	MWRWH,MESTI,GIA,GIP,EPA,PPA,NADMO,MMDA 's
	Strengthen the implementation of the national building code	Number of settlements with orderly planned schemes	Tema								SHC	Town & Country Planning Authorities, development partners, MOJ and AGD
	Expand availability of housing financing	Number of housing designs and financing that meet the national standards	Tema						16.52		SHC	Town & Country Planning Authorities, Land commission
TOTAL								5.71	243.74	161		

2.3 RURAL HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance quality of life in rural areas Provide adequate, safe, secure, quality and affordable housing. Enhance production and supply of quality raw materials 	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Facilitate the training of 150№ District Assemblies Technicians	Nationwide					0.06	-	-	DRH	MMDAs,
		Sensitization and Awareness	Nationwide					0.08	-	-	DRH	MMDAs, NGOs
		Facilitate and assist in the construction of 100№ Rural Houses	Nationwide					0.75	-	-	DRH	MMDAs, NGOs, GREDA
	<ul style="list-style-type: none"> Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strictly enforce the provisions of the Public 	Rehabilitation of 150№ Rural Houses	Nationwide					0.35	-	-	DRH	GOG, MMDAs, NGOs
		Purchase of one pick up vehicle	Accra						-		DRH	MMDAs, MWRWH,

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Procurement Act, 2016 (Act 914), especially with regard to sole sourcing							0.16		-		NGOs, GREDA
	<ul style="list-style-type: none"> Provide incentives for the production and supply of quality raw materials for industry 	Facilitate the process of establishing 30 th District Assembly staff housing	Nationwide					0.25	-	-	DRH	MMDAs, NGOs, GREDA
		Renovation of DRH Head Office.	Accra					-	-	-	DRH	MMDAs, NGOs
	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Construction skills training for District Assemblies	Nationwide					0.70	-	-	DRH	MMDAs, GREDA
	<ul style="list-style-type: none"> Support technical educational institutions and other professional bodies to train more human resources for the construction sector 	Establish 30 th Material banks	Nationwide					0.40	-	-	DRH	MMDAs, NGOs
		Establish Corporative Housing Schemes in ten (10) regions	Nationwide					0.085	-	-	DRH	MMDAs, NGOs, Trade Associations,
		Complete the Rehabilitation of Official Bungalows	Accra					0.5	-	-	DRH	MWH, AESL
TOTAL								3.335				

2.4 MANAGEMENT OF PUBLIC CONSTRUCTION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Build a competitive and modern construction	Support technical education institutions and other professional bodies to train more human resources	Training of probationers in the architectural profession.	Accra					0.03	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
industry.	for the construction sector	Development control workshop for technicians					0.04	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Professional practice exams and induction ceremony.					0.05	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Sensitization and advocacy program on the use of local building materials					0.05	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Training for small and medium scale contractors					0.03	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Review of Architects Decree NLCD,1969 357					0.15	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Staff Training					0.03	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
	Ensure accreditation and certification of skilled construction workers and construction site supervisors	Review of the Professional Practice Syllabus					0.04	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
	Strengthen the capacity of public institutions to undertake policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Monitoring of the KNUST and CUC schools of Architecture					0.02	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Publication / Gazetting of the registration of Architects and Architectural Firms					0.02	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Continuous Professional development (CPD) for Architects					0.03	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Rehabilitate, refurbish and maintain the existing office building of ARC					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act	Purchase of plant and Equipment					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	914), especially with regard to sole sourcing											
	Ensure accreditation and certification of skilled construction workers and construction site supervisors	Rehabilitation of Engineers Council Office building						0.04	-	-	EC	MWH, MLGRD, GIA, GhIE, PPA
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of office facilities and supplies						0.10	-	-	EC	MWH, MLGRD, GIA, GhIE, PPA
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance 	Training of staff of the Engineers Council						0.04	-	-	EC	MWH, GhIE, PPA, MMDA's
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance 	Ensure the incorporation of standardized building codes in the designs of building structures						-	0.5	-	AESL	MWH, GhIE, PPA, MMDA's
		Specification of approved local construction materials in various designs						-	0.3	-	AESL	MWH, GhIE, PPA, MMDA's
	<ul style="list-style-type: none"> Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Students' attachment programmes						-	0.4	-	AESL	MWH, GhIE, PPA, MMDA's
		Financial support for professional bodies						-	0.1	-	AESL	MWH, GhIE, PPA, MMDA's
	<ul style="list-style-type: none"> Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and 	Incorporation of the use of Pozzolana cement in designs						-	-	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC, MMDAs MWH GNFS, EPA, TCPD, MMDAs
		Education on the use of Pozzolana						-	0.05	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC,

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	pozzolana cement											MMDAs
		Conducting structural integrity test on both old and new buildings						-	0.6	-	AESL	GhIS, GhIE, GIA
		Valuations of land and buildings						-	0.9	-	AESL	GhIS, GhIE, GIA
		Capacity building for AESL staff						-	0.6	-	AESL	ABCEC, PGL, MMDAs
TOTAL								0.67	3.45			

3.0 PROGRAMME THREE - INFRASTRUCTURE MANAGEMENT

3.1 WORKS SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Build a competitive and modern construction industry.	Institute a robust maintenance scheme for rail, roads, ports, harbours and other critical infrastructure.	Develop the National Maintenance Policy	Accra					0.20	-	-	Works Dir.	
		Develop an Action Plan for the implementation of the National Maintenance Policy	Accra					-	-	-		
	Establish National Hydrology Authority (NHA) to develop	Establish a Hydrological Services						-	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	long-term solutions to flooding and the protection of inland and sea coastlines.	Agency										
	Establish a Coastal Zone Commission with strong stakeholder participation.	Implement the Annual Emergency National Flood Control programme	Accra					10.00	-	-		
	Establish timely and effective preventive maintenance plan for all public infrastructure	Rehabilitate, refurbish and maintain the UNDP Blocks of Flats	Accra					4.00	-	-		
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase Saloon Vehicle for Director	Accra					-	-	-		
		Purchase of three (3) Cross Country vehicle	Accra					-	-	-		
	Strengthen the capacity of public institutions for the undertaking policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Monitor and Evaluate Works Directorate programmes						0.17	-	-		
TOTAL								14.37				

3.2 GENERAL MAINTENANCE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Promote proper maintenance culture	<ul style="list-style-type: none"> Establish timely and effective preventive maintenance plan 	Renovate 150№ of Government bungalows, flats and JSQs annually	Countrywide					3.80	-	-	PWD	MWH
		Complete 150№ Keta Sea Defense Resettlement Housing Units	Keta					3.00				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	for all public infrastructure	Rehabilitate the existing ministerial block of offices	Accra					1.63				
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance 	Refurbish 10% Regional offices of Prestige Facilities Management Division	Countrywide					1.13				
TOTAL								9.54				

3.3 DRAINAGE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Address recurrent devastating floods	<ul style="list-style-type: none"> Construct storm drains in Accra and other cities and towns to address the recurrent devastating floods. Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea coastlines. Prepare and implement adequate drainage plans for all MMDAs 	Construction of Regional and District Primary Drains	Countrywide					200.00	-	1,000.00	HSD	MWH, MOFEP, MLGRD, LUSPA, EPA, NADMO, MESTI
		Construction of the Greater Accra Drainage System	Accra					-	-	800.00		
		Develop 10 Regional Drainage Master Plans	Countrywide					17.50	-	-		
		Develop 20 District Drainage Master Plans	Countrywide					5.00	-	45.00		
		Dredging of the Lagoons, retention dams and water ponds	Accra					100.00	-	-		
		Design and Construct dredging and Channel Works and Bridge under the Meridian Gardens Development Klagon	Tema					12.84	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Project										
		Akora River drainage project	Swedru					15.80	-	-		
		Payment of land and crop compensation at Adjen Kotoku	Amasaman					11.00	-	-		
TOTAL								362.14	-	1,845.00		

3.4 COASTAL MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Reduce coastal and marine erosion	Promote investment in hard control structures including gabions and boulder	Develop a Coast Line Master Plan for Protection	Accra					-	-	65.00	HSD	MWH, MOF, MLGRD, GPHA, MOT, Ghana Navy, NADMO, EPA,
		Construction of Dansoman Emergency Coastal Protection Works	Dansoman					39.00	-	-		
	Promote mangrove forests replanting and planting of other vegetative cover to contain erosion	Construction of Anomabu Sea Defense Project	Anomabu					30.00	-			
		Re-engineering and re-construction of Ada Coastal Project	Ada					-	-	27.00		
	Control sand mining along beaches	Construction of New Takoradi (Elmina) Sea Defense Project	Elmina					-	-	-		
		Construction of Aboadze Coastal Protection Works	Aboadze					-	-	-		
	Strengthen the participation of local communities in sustainable coastal management practices.	Construction of Blekusu Sea Defense Project	Blekusu					-	-	-		
		Construction of Anomabo Sea defense Project						50.00	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Prepare and implement an Integrated Coastal Zone Management (ICZM) Plan	Construction of Axim Sea Defense Project	Axim					30.00	-	-		
		Construction of Adjoa (Near Takoradi) Coastal Protection Works	Takoradi						-	-		
		Construction of Amanful Kumah Coastal Protection Works	Amanful Kumah					18.00	-	-		
		Construction of Cape Coast Coastal Protection Works.	Cape Coast					31.00	-	-		
		Construction of Mensah Guinea Sea Defense Project	Mensah Guinea						-	600.00		
		Construction of Komenda Sea defense Project	Komenda					18.00	-	-		
		Construction of Dixcove Sea defense Project	Dixcove					17.00	-	-		
		Construction of Akplabanya Sea defense Project	Akplabanya					18.00	-	-		
		Construction of Prampram Sea defense Project	Prampram					20.00	-	-		
		Construction of Ekumfi Sea defense Project	Ekumfi					14.00	-	-		
		Construction of Senya Breku Sea defense Project	Senya Breku					10.00	-	-		
TOTAL								295		692		

3.5 OPERATIONAL HYDROLOGY

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance climate change resilience Promote proactive planning for disaster prevention and mitigation 	Strengthen early warning and response mechanism on disasters	Renovation of 75 river gauging stations and changing of automatic water level recorders	Countrywide					1.40	-	-	HSD	MWH, MOFEP, MLGRD ,LUSPA, EPA, NADMO, MESTI
		Installation and maintenance of Telemetry systems	Countrywide					5.60	-	-		
TOTAL								7.0				

2020 ANNUAL ACTION PLAN

PROGRAMME ONE - GENERAL ADMINISTRATION AND MANAGEMENT

1.1 GENERAL ADMINISTRATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time frame				Indicative Budget (GH¢ Million)			Implementing Agencies		
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating	
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. 	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Procure office facilities and supplies for the Ministry.	Accra					10.1	-	-	Gen. Admin Directorate	Sector Directorates	
	Provision of administrative support for all activities of the various Directorates and units within the Ministry	Utilities	Accra					0.87	-	-	-	-	-
Fuel and Lubricants for official vehicles		Accra					0.34	-	-	-	-	-	
General and Contract Cleaning Services		Accra					0.19	-	-	-	-	-	
Armed Guard and Security		Accra					0.3	-	-	-	-	-	
Repairs and Maintenance of Office Equipment		Accra					0.15	-	-	-	-	-	
Publicity, Publications, and Subscription		Accra					0.7	-	-	-	-	-	
Build capacity to ensure requisite skills for infrastructure maintenance		Maintenance and Repairs of official Vehicles	Accra					0.40	-	-	-	-	-
Provision of administrative support for all activities of the various Directorates and units within the Ministry		Servicing of Statutory Meetings	Accra					0.6	-	-	-	-	-
		Upgrading of CCTV Surveillance Systems	Accra					0.0	-	-	-	-	-
		Property Rate	Accra					0.6	-	-	-	-	-
	Travel, Transport and Per Diem	Accra					1.0	-	-	-	-	-	
	Document Decongestion Exercise	Accra					0.02	-	-	-	-	-	
TOTAL								15.27	-	-			

1.2 FINANCE

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GOG	IGF	Donor	Lead	Collaborating

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing.	Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921)	Prepare quarterly financial reports	HQ					0.008			FINANCE	
		Prepare Annual financial reports	HQ					0.015			FINANCE	
Build a competitive and modern construction industry.	Ensure effective financial management and oversight of State Owned Enterprises	Safe Custody of Value Books										
Ensure improved fiscal performance and sustainability	Eliminate revenue collection Leakages	Revenue Mobilization	HQ					0.3			FINANCE	INTERNAL AUDIT/ESTATE
		Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing										
TOTAL								0.323	-	-		

1.3 HUMAN RESOURCE MANAGEMENT AND DEVELOPMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe secure, quality and affordable housing	Build capacity to ensure requisite skills for infrastructure maintenance	Scheme of Service Training at GIMPA, Civil Service Training Center, MDPI, and other private training providers attended by thirty (30) Staff	Accra					0.050	-	-		
		Improve capacities of Heads of Directorates, Departments and Agencies and their HR officers in Performance Management	Accra					0.080				
		Secure quarterly budgetary allocation towards the running of the Welfare Scheme	Accra					0.090	-	-		
		Executive Development programmes implemented	Accra					0.080	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Develop Annual Promotion Register	Accra					-			HRMD	Directorates, Department and Agencies
		Ten (10) Staff of the Ministry promoted to their next higher grades	Accra					0.025				
		Performance Management implemented	Accra					0.040				
		HRMIS of the Civil Service implemented	Accra					0.085				
		Support and manage the HRMIS	Accra					0.050				
		Management of the Directorate	Accra					-				
		Organize quarterly meetings with HR officers of the various Departments of the Ministry	Accra					0.005				
		Enforcement of discipline	Accra					-				
		Monitoring staff movement	Accra					-				
		Produce annual report on staff movement	Accra					-				
		Produce monthly and annual Report on staff attendance	Accra					-				
		Develop an Annual Leave Roster	Accra					-				
		Facilitate the implementation of the Annual Leave Roster	Accra					-				
		Ensure the reduction of new HIV and AIDS/STIs infections, especially among the vulnerable groups	Intensify education to reduce stigmatization	Equal opportunities for all employees of the Ministry	Accra					-		
Adopt a policy of no discrimination against staff or clients of the Ministry suffering from HIV/AIDS	Accra							-	-	-		
Advocate for the integration of HIV policies into policies and practices of the Ministry	Accra							-	-	-		
Attain gender equality and equity in political, social and economic development systems and outcomes	Target attainment of gender-appointed committees, boards and other relevant official bodies	Increase the participation of women employees in high level meetings of the Ministry	Accra					-	-	-		
		Encourage women employees in the Ministry to improve their status	Accra					0.025				
		Institutionalize policies or practices aimed at preventing gender based discrimination at the work place	Accra					-	-	-		
	Institute gender-responsive budgeting and training on gender equality in civil and public services	Justify for more budgetary allocations to facilitate the promotion of gender based programmes	Accra					-	-	-		
		Facilitate the participation of gender desk officers and staff in seminars, workshops and	Accra					0.035				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		training programmes on gender issues										
Promote discipline in all aspects of life	Strengthen advocacy to promote attitudinal change	Enforcement of Discipline	Accra					-	-	-		
		Organize Change management workshop	Accra					0.055				
	Institute mechanism for rewarding good behavior and sanctioning bad behaviour	Performance Management implemented	Accra					0.035				
		Encourage Management to institutionalize reward systems to reward high performing officers	Accra					0.015				
TOTAL								0.460	-	-		

1.4 POLICY PLANNING, BUDGETING, MONITORING AND EVALUATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Enhance capacity for policy formulation and coordination 	Strengthen the implementation of development plans	Organize Mid-year review of annual budget performance	Accra					0.085	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
		Organise Annual review of annual budget performance	Accra					0.083				
	Prepare and implement national policy guidelines to streamline public policy formulation	Organize Annual review of the Sector Medium Term Development Plan						0.082				
			Organize Annual review of the Sector Monitoring and Evaluation Plan.	Accra					0.085			
	Strengthen the implementation of development plans	Organise Mid-Term review of the Sector Medium Term Development Plan.	Accra					0.086	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
	Strengthen the capacity of public institutions to undertake policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Implement the M&E Action plan	Nationwide					0.200	-	-		
		Prepare Annual progress reports	Accra					0.080	-	-		
		Prepare quarterly budget performance reports	Accra					0.025	-	-		
		Undertake Impact Assessment of the Dansoman Coastal Project	Accra					0.200				
		Prepare Annual Budget Estimates for ensuing year	Accra					0.085	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF
TOTAL								1.011	-	-		

1.5 RESEARCH STATISTICS INFORMATION MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance application of ICT in national development Provide adequate, safe, secure, quality and affordable housing. 	Ensure that research output is turned into industrial applications	Review of Sector publications (Sector Handbook, Ministry's Service Charter)	Nationwide					0.05	-	-	RSIM	Directorate, Departments Agencies and private sectors
		Review of Ministry's brochures and fliers	Accra					0.04	-	-	RSIM	Directorates, Departments and Agencies
		Conduct Beneficiary/Clients Service Surveys	Ministry					0.01			RSIM	Directorates, Departments and Agencies
<ul style="list-style-type: none"> Build a competitive and modern construction industry 	Scale up investments in research and development to find local solution to challenges	Collation/Compilation of Conventions, Protocol Agreements, Statutory Acts	Ministry					0	-	-	RSIM	Directorates, Departments and Agencies
<ul style="list-style-type: none"> Mainstream science, technology and 	<ul style="list-style-type: none"> Strengthen data interoperability within the National Statistical System Apply science, technology and innovation in 	Participation in National and International Policy Fair	Ministry					0.03	-	-	RSIM	Directorates, Departments and Agencies, OHCS

innovation in all socio-economic activities	implementation of policies, programmes and projects												
	Enhance the production and dissemination of disaggregated data	Generate statistical report	Accra					0.23	-	-	RSIM	Directorates, Departments Agencies and private sector	
	Develop and maintain online database for all categories of all properties and provide secured data access	Upgrade of Ministerial Information Centre/Library						0.04	-	-	RSIM		
	Promote research in matters relating to the construction industry	Participate in Meet- the-Press-Series	Accra					0.03	-	-	RSIM	Directorates, Departments and Agencies	
	Mainstream ICT in public sector operations	Facilitate Training of staff in the use of ICT and E- workspace applications	Accra						0.035	-	-	RSIM	Directorates, Departments and Agencies
		Development of a new ICT Policy	Accra						0	-	-	RSIM	Directorates, NITA
	Establish and maintain a construction industry information system for Ghana	Re- develop/ Maintenance of Ministry's Website,	Accra						0.005	-	-	RSIM	Directorates, Departments and Agencies
	Improve the quality of ICT services, especially internet and telephony	Audit and Maintenance of ICT equipment	Accra						0.03	-	-	RSIM	Directorates, Departments and Agencies
		Purchase of relevant software (Anti-Virus)	Accra						0.008	-	-	RSIM	Directorates, Departments and Agencies, OHCS
		Annual internet subscription	Accra						0.048	-	-	RSIM	Directorates, Departments and Agencies
		Annual data protection fee	Accra						0.02	-	-	RSIM	Directorates, Departments and Agencies
									0.576				

1.6 INTERNAL AUDIT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Ensure improved fiscal performance and sustainability 	Ensure effective financial management and oversight of Department / State Owned Enterprises	Conduct financial audit	HQ					0.02			IAU	RCD, HSD
		Organize AC meetings						0.03			IAU	GA
		Verification and inspection of projects on quarterly basis						0.05				PPBME
		Conduct payroll/personnel management audit						0.03				HRMD
		Follow-up on previous audit by IAU and GAS						0.02				GAS
		Conduct Asset Management audit						0.02				ESTATES
		Conduct management/ operational audit						0.02				OHCS
		Prepare ensuing year budget and audit plans						0.01				MOF
		Develop a Risk register for the Ministry						-				IAA
		Prepare strategic plan for the Unit						-				
		Cash Management Audit						0.01				
		Fuel and Transport Management Audit						0.02				GA
		IGF Audit						0.02				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Budget Cycle Audit						-				
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Conduct procurement and stores management audit						0.03				PPA
	Build capacity to ensure requisite skills for infrastructure maintenance	2 officers to attend training on Report writing and information gathering skills						0.01				GIMPA
		One officer to attend International Conference annually						0.04				IIA
		2 Officers to attend training in project auditing						-				MDPI
		2 Officers to attend training in Risk/System based auditing						0.03				GIMPA
		Audit Software Training for 4 officers						0.05				IAA
TOTAL								0.41	-	-		

2.0 PROGRAMME TWO - HUMAN SETTLEMENT AND DEVELOPMENT

2.1 HOUSING SECTOR MANAGEMENT

MDAs Adopted Policy	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule	Indicative Budget (GH¢ Million)	Implementing Agencies
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objectives				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing.	Accelerate implementation of the national housing policy	Implement the Redevelopment Programme to increase the Housing stock	Nationwide					3.45	-	-	HD	MMDAs, DP's, CSO, PRIVATE SECTOR
	Promote social housing scheme in urban, peri-urban and rural areas	Completion of 1,526 No. affordable housing units at Kpone by TDCL	Kpone					-	-	75.00	HD	TDCL
Build a competitive and modern construction industry	Expand availability of housing financing	Completion of 1,030No. affordable housing units at Asokore Mampong by SSNIT	Asokore Mampong					-	-	25.00	HD	MMDAs, GREDA, Private Sector
Promote proper maintenance culture	Provide support for private sector involvement in the delivery of rental housing	Completion of 342No. affordable housing units at Koforidua	Koforidua					-	-	20.00	HD	MMDAs, Private Sector
Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations Improve and standardize techniques and material use	Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement	Completion of 200No. affordable housing units at Tamale	Tamale					-	-	5.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Completion of 144No. affordable housing units at Wa	Wa					-	-	5.00	HD	SSNIT
		Construction of 2,000No. affordable housing units at Ho - Phase 2	Ho					-	-	140.00		
		Construction of 2,000No. affordable housing units at Bolgatanga - Phase 2	Bolgatanga					-	-	140.00		
		Construction of 2,000No. affordable housing units at Sunyani - Phase 2	Sunyani					-	-	140.00		
		Construction of 2,000No. affordable housing units at Cape Coast - Phase 2	Cape Coast					-	-	140.00		
		Construction of 3,500No. affordable housing units at Sekondi/Takoradi - Phase 2	Sekondi/Takoradi					-	-	246.00		
		Construction of 2,000No. affordable housing units at Wa - Phase 2	Wa					-	-	140.00		
		Construction of 2,500No. affordable housing units at Tamale - Phase 2	Tamale					-	-	175.00		
		Construction of 2,500No. affordable housing units at Koforidua - Phase 2	Koforidua					-	-	175.00		
		Construction of 3,000No. affordable housing units at Kumasi - Phase 2	Kumasi					-	-	200.00		
		Construction of 3,500No. affordable housing units at Accra - Phase 2	Accra					-	-	246.00		
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 2 - 1,448	Nationwide					-	-	103.00		

		Housing Units										
		Construction of 86No. housing units for Public Servants	Greater Accra					10.50	-	-	HD	
		Construct 500No housing units for the security services under the Security Services Housing Programme Phase 3						60.00	-	-	HD	GREDA, GIA, GhIE, Constructora OAS
		Construction of 1000 Housing Units by M/s Falcon Crest, Phase 1 -							-	800.00	HD	
		Identify and procure land banks for affordable housing projects						0.84	-	-	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
	Provide technical assistance to communities to support basic house building skills training programmes	Support the Implementation of the Slum Upgrading and Prevention Strategy	Nationwide					0.72	-	-	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
	Improve investment for housing provision	Payment of subscription to International Organisations (UN-HABITAT, AMCHUD)	Greater Accra					20.00	-	-	HD	MMDAs, GREDA
TOTAL								75.59		2,775.00		

2.2 URBAN HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
• provide adequate, safe, secure, quality and affordable housing	• Accelerate implementation of the National Housing Policy Promote Social Housing Scheme in Urban, peri-urban and rural areas	Development of a national rent policy and review of the Rent Act 1963,	Accra					-	-	-	RCD	MWH, Private Sector
		Embark on a national public education and sensitization programme	Accra					-	-	-	RCD	MWRWH, Private Sector, Media
		Renovation and refurbishment of Rent Control offices	Accra					-	-	-	RCD	MWH, Private Sector
		National registration of landlords and tenants	Accra					-	-	-	RCD	MWH, Private Sector
	• Expand availability of housing financing • Provide support for private sector involvement in the delivery of	Development of an online site for prospective tenants and vacant apartments for rent	Accra					-	-	-	RCD	MWH, Private Sector
		Procurement of 1 pickup vehicle	Accra					-	-	-	RCD	MWH, Private Sector
		Capacity building of rent officers	Accra					-	-	-	RCD	MWH, Private Sector
		Opening of four new offices	Accra					0.26	-	-	RCD	MWH, Private Sector

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	<ul style="list-style-type: none"> rental housing Improve investment for housing provision Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations 	Purchase of office equipment	Accra					0.02	-	-	RCD	MWH, Private Sector
		Recruitment and training new of officers	Accra					0.03	-	-	RCD	MWH, Private Sector
		Documentary on basic rent laws and procedure	Accra					0.05	-	-	RCD	MWH, Private Sector
		Open forum for the public on rent issues	Accra					0.04	-	-	RCD	MWH, Private Sector
		Purchase of two saloon vehicles	Accra					0.14	-	-	RCD	MWH, Private Sector
		Disburse housing loans to Civil and Public Servants	Accra					6.00	-	-	PSHLSB	MWH
		Construction of Flats Com. 1, Site 3	Tema					-	0.00	-	TDC	ECG, GWCL, DUR, MMDAs
		Construction of Flats Com. 24	Tema					-	51.84	-	TDC	ECG, GWCL, DUR, MMDAs
		Affordable Housing at Kpone (Community 26)	Tema					-	78.33	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Infrastructure Development at Kpone (Community 26)	Tema					-	26.00	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
	<ul style="list-style-type: none"> Provide technical assistance to communities to support basic house building skills training programmes Support technical education institutions and other professional bodies to train 	Staff housing	Tema					-	0.00	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Kaizer flats redevelopment (Phase 1)	Tema					-	19.96	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Staff training	Tema					-	2.14	-	TDC	MWH, Training Institutions
		Acquisition of Lands	Tema					-	6.00	-	TDC	LANDS COMMISSION, MWH, TRADITIONAL COUNCIL
		Acquisition of land banks	Tema						6.0		SHC	Land Commission, local govt, forestry ,interior, Land and Spatial Use Authority (LUSPA)
		Number of students given opportunity on attachment, and national service	Tema						0.03		SHC	GES, Universities, Ministry of education, NSS
		Number of staff trained	Tema						0.04		SHC	MWH, Training Institutions
		Number of estate houses to be developed with integrated building codes.	Tema						38	154	SHC	AESL, Highways, Ghana Water, ARC, SHC

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	more human resources for the construction sector	Percentage of pozzolana cement use in concrete works	Tema					0.38	1.54	SHC	MWRWH,MESTI,GIA,G IP,EPA,PPA,NADMO,M MDA 's, GhiE, GhiS	
		Number of housing units to be derived from the high rise buildings	Accra					22	88	SHC	AESL, ARC, SHC	
		Number of housing plans with waste management and recycle schemes	Tema					0.41		SHC	MWRWH,MESTI,GIA,G IP,EPA,PPA,NADMO,M MDA 's	
		Number of settlements with orderly planned schemes	Tema					19.8	79.2	SHC	Town & Country Planning Authorities, development partners, MOJ and AGD	
		Number of housing designs and financing that meet the national standards	Tema					16.5		SHC	Town & Country Planning Authorities, Land commission	
TOTAL								6.54	287.43	322.74		

2.3 RURAL HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance quality of life in rural areas Provide adequate, safe, secure, quality and affordable housing. 	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Facilitate the training of 150N¢ District Assemblies Technicians	Nationwide					0.07	-	-	DRH	MMDAs,
		Sensitization and Awareness	Nationwide					0.09	-	-	DRH	MMDAs, NGOs
		Facilitate and assist in the construction of 100N¢ Rural Houses	Nationwide					0.80	-	-	DRH	MMDAs, NGOs, GREDA
	Promote the manufacture and use of standardized local building materials in housing	Rehabilitation of 150N¢ Rural Houses	Nationwide					0.40	-	-	DRH	GOG, MMDAs, NGOs

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance production and supply of quality raw materials 	including the use of bricks, tiles and pozzolana cement											
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of one pick up vehicle	Accra					-	-	-	DRH	MMDAs, MWRWH, NGOs, GREDA
	Provide incentives for the production and supply of quality raw materials for industry	Facilitate the process of establishing 30N ^o District Assembly staff housing	Nationwide					0.30	-	-	DRH	MMDAs, NGOs, GREDA
		Renovation of DRH Head Office.	Accra					-	-	-	DRH	MMDAs, NGOs
	Support technical educational institutions and other professional bodies to train more human resources for the construction sector	Construction skills training for District Assemblies	Nationwide					0.75	-	-	DRH	MMDAs, GREDA
		Establish 30N ^o Material banks	Nationwide					0.45	-	-	DRH	MMDAs, NGOs
		Establish Corporative Housing Schemes in ten (10) regions	Nationwide					0.09	-	-	DRH	MMDAs, NGOs, Trade Associations,
Complete the Rehabilitation of Official Bungalows		Accra					-	-	-	DRH	MWH, AESL	
TOTAL								2.95	-	-		

2.4 MANAGEMENT OF PUBLIC CONSTRUCTION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Build a competitive and modern construction industry.	Support technical education institutions and other professional bodies to train more human resources for the	Training of probationers in the architectural profession.	Accra					0.04	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing	construction sector	Development control workshop for technicians					0.04	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Professional practice exams and induction ceremony.					0.05	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Sensitization and advocacy program on the use of local building materials					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Training for small and medium scale contractors					0.04	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Review of Architects Decree NLCD,1969 357					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Staff Training					0.03	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
	Ensure accreditation and certification of skilled construction workers and construction site supervisors	Review of the Professional Practice Syllabus					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
	Support technical education institutions and other professional bodies to train more human resources for the construction sector	Monitoring of the KNUST and CUC schools of Architecture					0.02	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Publication / Gazetting of the registration of Architects and Architectural Firms					0.02	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Continuous Professional development (CPD) for Architects					0.03	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Rehabilitate, refurbish and maintain the existing office building of ARC					-	-	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Strictly enforce the provisions of the Public	Purchase of plant and Equipment					-	-	-	ARC	MWH, MLGRD, GIA,

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	Procurement Act, 2016 (Act 914), especially with regard to sole sourcing											GhIE, PPA
	Ensure accreditation and certification of skilled construction workers and construction site supervisors	Rehabilitation of Engineers Council Office building						0.04	-	-	EC	MWH, MLGRD, GIA, GhIE, PPA
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase of office facilities and supplies						0.10	-	-	EC	MWH, MLGRD, GIA, GhIE, PPA
	Build capacity to ensure requisite skills for infrastructure maintenance	Training of staff of the Engineers Council						0.04	-	-	EC	MWH, GhIE, PPA, MMDA's
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance Support technical education institutions and other professional bodies to train more human resources for the construction sector Promote the manufacture and use of standardized local building materials in housing 	Ensure the incorporation of standardized building codes in the designs of building structures						-	0.6	-	AESL	MWH, GhIE, PPA, MMDA's
Specification of approved local construction materials in various designs								-	0.5	-	AESL	MWH, GhIE, PPA, MMDA's
Students' attachment programmes								-	0.45	-	AESL	MWH, GhIE, PPA, MMDA's
Financial support for professional bodies								-	0.2	-	AESL	MWH, GhIE, PPA, MMDA's
Incorporation of the use of Pozzolana cement in designs								-	-	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC, MMDAs MWH GNFS, EPA, TCPD, MMDAs
Education on the use of Pozzolana								-	0.05	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC,

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	including the use of bricks, tiles and pozzolana cement											MMDAs
		Conducting structural integrity test on both old and new buildings					-	0.6	-	AESL	GhIS, GIA	GhIE,
		Valuations of land and buildings					-	1.2	-	AESL	GhIS, GIA	GhIE,
		Capacity building for AESL staff					-	0.6	-	AESL	ABCEC, PGL, MMDAs	
TOTAL								0.45	4.2			

3.0 PROGRAMME THREE - INFRASTRUCTURE MANAGEMENT

3.1 WORKS SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Build a competitive and modern construction industry.	Establish timely and effective preventive maintenance plan for all public infrastructure	Develop the National Maintenance Policy	Accra					0.10	-	-		
		Develop an Action Plan for the implementation of the National Maintenance Policy	Accra					0.20	-	-		
	Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea	Establish a Hydrological Services Authority										

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	coastlines.											
	Promote and stimulate the development and expansion of the Ghanaian construction industry	Establish a Building and Construction Agency										
	Establish a Coastal Zone Commission with strong stakeholder participation.	Gazeting of the Building Code and the review of the Building Regulations	Accra					0.50	-	-		
		Implement the Annual Emergency National Flood Control programme	Accra					10.00	-	-		
	Establish timely and effective preventive maintenance plan for all public infrastructure	Rehabilitate, refurbish and maintain the UNDP Blocks of Flats	Accra					3.00	-	-		
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Purchase Saloon Vehicle for Director	Accra					-	-	-		
		Purchase of three (3) Cross Country vehicle	Accra					-	-	-		
	Strengthen the capacity of public institutions to undertaking policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and	Monitor and Evaluate Works Directorate programmes						0.17	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	forecasting											
TOTAL								13.97	-	-		

3.2 GENERAL MAINTENANCE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Promote proper maintenance culture	<ul style="list-style-type: none"> Enforce relevant standards in various sectors to reduce rapid deterioration, including strengthening the axle load control on roadways 	Renovate 150№ of Government bungalows, flats and JSQs annually	Countrywide					3.80	-	-		
		Complete 150№ Keta Sea Defense Resettlement Housing Units	Keta					3.00				
	<ul style="list-style-type: none"> Establish timely and effective preventive maintenance plan for all public infrastructure Build capacity to ensure requisite skills for infrastructure maintenance 	Rehabilitate the existing ministerial block of offices	Accra					1.63				
		Refurbish 10№ Regional offices of Prestige Facilities Management Division	Countrywide					1.13				
TOTAL								9.56	-	-		

3.3 DRAINAGE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Address recurrent devastating floods	<ul style="list-style-type: none"> Construct storm drains in Accra and other cities and towns to address the recurrent devastating floods. 	Construction of Regional and District Primary Drains	Countrywide					200.00	-	1,000.00		
		Construction of the Greater Accra Drainage System	Accra					-	-	800.00		
	<ul style="list-style-type: none"> Prepare and implement adequate drainage plans for all MMDAs 	Develop 10 Regional Drainage Master Plans	Countrywide					17.50	-	-		
		Develop 20 District Drainage Master Plans	Countrywide					5.00	-	45.00		
		Dredging of the Lagoons, retention dams and water ponds	Accra					100.00	-	-		
		Design and Construct dredging and Channel Works and Bridge under the Meridian Gardens Development Klagon Project	Tema					12.84	-	-		
		Akora River drainage project	Swedru					15.80	-	-		
		Payment of land and crop compensation at Adjen Kotoku	Amasaman					11.00	-	-		
TOTAL								362.14	-	1,845.00		

3.4 COASTAL MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Reduce coastal and marine erosion	<ul style="list-style-type: none"> Promote investment in hard control structures including gabions and boulder Promote mangrove forests replanting and planting of other vegetative cover to contain erosion Control sand mining along beaches Strengthen the participation of local communities in sustainable coastal management practices. Prepare and implement an Integrated Coastal Zone Management (ICZM) Plan 	Develop a Coast Line Master Plan for Protection	Accra					-	-	-		
		Construction of Dansoman Emergency Coastal Protection Works	Dansoman					39.00	-	-		
		Construction of Anomabu Sea Defense Project	Anomabu					50.00	-	-		
		Re-engineering and re-construction of Ada Coastal Project	Ada					-	-	27.00		
		Construction of New Takoradi (Elmina) Sea Defense Project	Elmina					-	-	-		
		Construction of Aboadze Coastal Protection Works	Aboadze					-	-	-		
		Construction of Blekusu Sea Defense Project	Blekusu					-	-	-		
		Construction of Axim Sea Defense Project	Axim					30.00	-	-		
		Construction of Adjoa (Near Takoradi) Coastal Protection Works	Takoradi						-	-		
		Construction of Amanful Kumah Coastal Protection	Amanful Kumah					18.00	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Works										
		Construction of Cape Coast Coastal Protection Works.	Cape Coast					28.00	-	-		
		Construction of Mensah Guinea Sea Defense Protect	Mensah Guinea						-	600.00		
		Construction of Komenda Sea defense Protect	Komenda					18.00	-	-		
		Construction of Dixcove Sea defense Protect	Dixcove					16.00	-	-		
		Construction of Akplabanya Sea defense Protect	Akplabanya					18.00	-	-		
		Construction of Prampram Sea defense Protect	Prampram					20.00	-	-		
		Construction of Ekumfi Sea defense Protect	Ekumfi					13.00	-	-		
		Construction of Senya Breku Sea defense Protect	Senya Breku					10.00	-	-		
TOTAL								260	-	627		

3.5 OPERATIONAL HYDROLOGY

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance climate change resilience Promote proactive planning for disaster prevention and mitigation 	<ul style="list-style-type: none"> Implement Ghana's commitments under Paris Climate Agreement (COP21) Collaborate with international partners to have more access to the Green Climate Fund (\$30 billion Global Fund) for climate change purposes Educate public and private institutions on natural and man-made hazards and disaster risk reduction Strengthen early warning and response mechanism on disasters Implement gender sensitivity in disaster management 	Renovation of 75 river gauging stations and changing of automatic water level recorders	Countrywide					1.40	-	-		
		Installation and maintenance of Telemetry systems	Countrywide					5.60	-	-		
TOTAL								7.0	-	-		

2021 ANNUAL ACTION PLAN

PROGRAMME ONE - GENERAL ADMINISTRATION AND MANAGEMENT

1.1 GENERAL ADMINISTRATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time frame				Indicative Budget (GH¢ Million)			Implementing Agencies		
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating	
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Promote proper maintenance culture 	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Procure office facilities and supplies for the Ministry.	Accra					11.3	-	-	Gen. Directorate	Admin Directorate	Sector Directorates
	Provision of administrative support for all activities of the various Directorates and units within the Ministry	Utilities	Accra					0.9	-	-	-	-	-
		Fuel and Lubricants for official vehicles	Accra					0.37	-	-	-	-	-
		General and Contract Cleaning Services	Accra					0.20	-	-	-	-	-
		Armed Guard and Security	Accra					0.3	-	-	-	-	-
		Repairs and Maintenance of Office Equipment	Accra					0.18	-	-	-	-	-
		Publicity, Publications, and Subscription	Accra					0.8	-	-	-	-	-
	Build capacity to ensure requisite skills for infrastructure maintenance	Maintenance and Repairs of official Vehicles	Accra					0.45	-	-	-	-	-
	Provision of administrative support for all activities of the various Directorates and units within the Ministry	Servicing of Statutory Meetings	Accra					0.8	-	-	-	-	-
		Upgrading of CCTV Surveillance Systems	Accra					0.0	-	-	-	-	-
		Property Rate	Accra					0.8	-	-	-	-	-
		Travels, Transport and Per Diem	Accra					1.2	-	-	-	-	-
		Document Decongestion Exercise	Accra					0.01	-	-	-	-	-
TOTAL								17.31	-	-			

1.2 FINANCE

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing.	Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921)	Prepare quarterly financial reports	HQ					0.008			FINANCE	
Build a competitive and modern construction industry.	Strengthen and strictly enforce the Public Financial Management Act, 2016 (Act 921)	Prepare Annual financial reports	HQ					0.015			FINANCE	
Ensure improved fiscal performance and sustainability	Ensure effective financial management and oversight of State Owned Enterprises	Safe Custody of Value Books	HQ								FINANCE	
	Eliminate revenue collection Leakages	Revenue Mobilization	HQ					0.3			FINANCE	INTERNAL AUDIT/ESTATE
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Revenue Mobilization Vehicle										
TOTAL								0.323	-	-		

1.3 HUMAN RESOURCE MANAGEMENT AND DEVELOPMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Provide adequate, safe secure, quality and affordable housing	Build capacity to ensure requisite skills for infrastructure maintenance	Scheme of Service Training at GIMPA, Civil Service Training Center, MDPI, and other private training providers attended by thirty (30) Staff	Accra					0.050	-	-	HRMD	Directorates, Department and Agencies
		Train Directors/Heads of Agencies/Personnel officers in training needs assessment	Accra					0.080				
		Conduct Sector-wide skills development training in GoG rules and regulations for HR and Personnel Officers	Accra					0.040				
		Train Directors/ other relevant staff in the Public Procurement Process (Procurement Act) and the Public Financial Management Act	Accra					0.090				
		Capacity of Thirty-Five (35) Staff developed in PPP Skills						0.060				
		Secure quarterly budgetary allocation towards the running of the Welfare Scheme	Accra					0.10	-	-		
		Executive Development programmes implemented	Accra					0.080	-	-		
		Develop Annual Promotion Register	Accra					-				
		Ten (10) Staff of the Ministry promoted to their next higher grades	Accra					0.025				
		Performance Management implemented	Accra					0.040				
		HRMIS of the Civil Service implemented	Accra					0.085				
		Support and manage the HRMIS	Accra					0.050				
		Management of the Directorate	Accra					-				
		Organize quarterly meetings with HR officers of the various Departments of the Ministry	Accra					0.006				
		Enforcement of discipline	Accra					-				
Monitoring staff movement	Accra					-						

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Produce annual report on staff movement	Accra					-				
		Produce monthly and annual Report on staff attendance	Accra					-				
		Develop an Annual Leave Roster	Accra					-				
		Facilitate the implementation of the Annual Leave Roster	Accra					-				
Ensure the reduction of new HIV and AIDS/STIs infections, especially among the vulnerable groups	Intensify education to reduce stigmatization	Equal opportunities for all employees of the Ministry	Accra					-	-	-		
		Adopt a policy of no discrimination against staff or clients of the Ministry suffering from HIV/AIDS	Accra					-	-	-		
		Advocate for the integration of HIV policies into policies and practices of the Ministry	Accra					-	-	-		
Attain gender equality and equity in political, social and economic development systems and outcomes	Target attainment of gender-appointed committees, boards and other relevant official bodies	Increase the participation of women employees in high level meetings of the Ministry	Accra					-	-	-		
		Encourage women employees in the Ministry to improve their status	Accra					0.030				
		Institutionalize policies or practices aimed at preventing gender based discrimination at the work place	Accra					-	-	-		
	Institute gender-responsive budgeting and training on gender equality in civil and public services	Justify budgetary allocations to facilitate the promotion of gender based programmes	Accra					-	-	-		
		Facilitate the participation of gender desk officers and staff in seminars, workshops and training programmes on gender issues	Accra					0.040				
Promote discipline in all aspects of life	Strengthen advocacy to promote attitudinal change	Enforcement of Discipline	Accra					-	-	-		
		Organize Change management workshop	Accra					0.060				
	Institute mechanism for rewarding good behavior and sanctioning bad behaviour	Performance Management implemented	Accra					0.040				
		Encourage Management to institutionalize reward systems to reward high performing officers	Accra					0.020				
		TOTAL						0.896	-	-		

1.4 POLICY PLANNING BUDGETING MONITORING AND EVALUATION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies				
				1 st	2 nd	3 rd	4 th	GOG	IGF	Donor	Lead	Collaborating			
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry. Enhance capacity for policy formulation and coordination 	Strengthen the implementation of development plans	Organise Mid-year review of annual budget performance	Accra					0.090	-	-	PPBME	Directorates, Departments, Agencies, NDPC, MoF			
		Organise Annual review of annual budget performance	Accra					0.090							
	Prepare and implement national policy guidelines to streamline public policy formulation	Organize Annual review of the Sector Medium Term Development Plan	Accra					0.097							
		Organize Annual review of the Sector Monitoring and Evaluation Plan						0.097							
	Strengthen the implementation of development plans	Prepare Annual progress reports	Accra					0.092	-	-					
		Prepare quarterly budget performance reports	Nationwide					0.200	-	-					
	Enhance the production and dissemination of disaggregated data	Undertake Impact Assessment of Coastal Protection Projects	Accra					0.090	-	-					
		Implementation of M&E Action plan	Accra					0.025	-	-					
	Strengthen the capacity of public institutions to undertake policy analysis, development planning, monitoring and evaluation, macro-econometric modelling and forecasting	Purchase of 2Nz Pickup vehicles for Monitoring	Central					0.200							
		Prepare Annual Budget Estimates for ensuing year	Accra					0.092	-	-					
	TOTAL								1.073	-			-		

1.5 RESEARCH STATISTICS INFORMATION MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor		
				Lead	Collaborating							
<ul style="list-style-type: none"> Enhance application of ICT in national development Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Mainstream science, technology and innovation in all socio-economic activities 	Ensure that research output is turned into industrial applications	Publications of Sector Handbook and Service Charter	Nationwide					0.00	-	-	RSIM	Directorate, Departments Agencies and private sectors
		Review of Ministry's brochures and fliers	Accra					0.04	-	-	RSIM	Directorates, Departments and Agencies
		Conduct Beneficiary/Clients Service Surveys	Ministry					0.01			RSIM	Directorates, Departments and Agencies
	Scale up investments in research and development to find local solution to challenges	Collation/Compilation of Conventions, Protocol Agreements, Statutory Acts	Ministry					0.00	-	-	RSIM	Directorates, Departments and Agencies
	Strengthen data interoperability within the National Statistical System	Participation in National and International Policy Fairs	Ministry					0.04	-	-	RSIM	Directorates, Departments and Agencies, OHCS
	Apply science, technology and innovation in implementation of policies, programmes and projects											
	Enhance the production and dissemination of disaggregated data	Generate statistical report on Sector's activities	Accra					0.24	-	-	RSIM	Directorates, Departments Agencies and private sector
Develop and maintain online database for all categories of properties and	Upgrade Ministerial Information Centre/Library						0.03	-	-	RSIM		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget			Implementing Agencies	
								(GH¢ Million)				
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
	provide secured data access											
	Promote research in matters relating to the construction industry	Participation in Meet-the- Press-Series	Accra					0.04	-	-	RSIM	Directorates, Departments and Agencies
	Mainstream ICT in public sector operations	Facilitate Training of staff in the use of ICT and E- workspace applications	Accra					0.04	-	-	RSIM	Directorates, Departments and Agencies
		Development of a new ICT Policy	Accra					0.00	-	-	RSIM	Directorates, NITA
	Establish and maintain a construction industry information system for Ghana	Re- develop/ Maintenance of Ministry's Website,	Accra					0.005	-	-	RSIM	Directorates, Departments and Agencies
	Improve the quality of ICT services, especially internet and telephony	Audit and Maintenance of ICT equipment	Accra					0.04	-	-	RSIM	Directorates, Departments and Agencies
		Purchase of relevant software (Anti-Virus)	Accra					0.009	-	-	RSIM	Directorates, Departments and Agencies, OHCS
		Annual internet subscription	Accra					0.048	-	-	RSIM	Directorates, Departments and Agencies
		Annual data protection fee	Accra					0.02	-	-	RSIM	Directorates, Departments and Agencies
TOTAL								0.562				

1.6 INTERNAL AUDIT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry Ensure improved fiscal performance and sustainability 	Ensure effective financial management and oversight of Departments / State Owned Enterprises	Conduct financial audit	HQ					0.02			IAU	RCD, HSD
		Organize AC meetings						0.03			IAU	GA
		Verification and inspection of projects on quarterly basis						0.05				PPBME
		Conduct payroll/personnel management audit						0.04				HRMD
		Follow-up on previous audit by IAU and GAS						0.02				GAS
		Conduct Asset Management audit						0.02				ESTATES
		Conduct management/operational audit						0.02				OHCS
		Prepare ensuing year budget and audit plans						0.01				MOF
		Develop a Risk register for the Ministry						0.02				IAA
		Prepare strategic plan for the Unit						0.02				
		Cash Management Audit						0.01				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Fuel and Transport Management Audit						0.02				GA
		IGF Audit						0.02				
		Budget Cycle Audit						0.01				
	Strictly enforce the provisions of the Public Procurement Act, 2016 (Act 914), especially with regard to sole sourcing	Conduct procurement and stores management Audit						0.03				PPA
	Build capacity to ensure requisite skills for infrastructure maintenance	2 officers to attend training on Report writing and information gathering skills						0.01				GIMPA
		One officer to attend International Conference annually						0.05				IIA
		2 Officers to attend training in project auditing						0.02				MDPI
		2 Officers to attend training in Risk/System based auditing						0.00				GIMPA
		Audit software training for 4 officers						0.07				IAA
TOTAL								0.49	-	-		

2.0 PROGRAMME TWO - HUMAN SETTLEMENT AND DEVELOPMENT

2.1 HOUSING SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1 st	2 nd	3 rd	4 th	GoG	IGF	Donor	Lead	Collaborating
Provide adequate, safe, secure, quality and affordable housing. Build a competitive and modern construction industry	Accelerate implementation of the national housing policy	Implement the Redevelopment Programme to increase the Housing stock	Nationwide					3.90	-	-	HD	MMDAs, DPs, CSO, PRIVATE SECTOR
	<ul style="list-style-type: none"> Promote social housing scheme in urban, peri-urban and rural areas Provide support for private sector involvement in the delivery of rental housing 	Construction of 2,000No. affordable housing units at Ho - Phase 2	Ho					-	-	140.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 2,000No. affordable housing units at Bolgatanga - Phase 2	Bolgatanga					-	-	140.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 2,000No. affordable housing units at Sunyani - Phase 2	Sunyani					-	-	140.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 2,000No. affordable housing units at Cape Coast - Phase 2	Cape coast					-	-	140.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 3,500No. affordable housing units at Sekondi/Takoradi - Phase 2	Sekondi/Takoradi					-	-	246.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 2,000No. affordable housing units at Wa - Phase 2	Wa					-	-	140.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 2,500No. affordable housing units at Tamale - Phase 2	Tamale					-	-	175.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 2,500No. affordable housing units at Koforidua - Phase 2	Koforidua					-	-	175.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 3,000No. affordable housing units at Kumasi - Phase 2	Kumasi					-	-	200.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 3,500No. affordable housing units at Accra - Phase 2	Accra					-	-	246.00	HD	MMDAs, GREDA, GIA, GhIE, Private Sector
		Construction of 5,000 Housing Units by M/s Construtora OAS, Phase 3 - 2,000 Housing Units						-	-	230.00	HD	MMDAs, DPs, CSO, PRIVATE SECTOR
		Construction of 80 No. housing units for Public Servants	Greater Accra					10.50	-		HD	MMDAs, Private Sector
Construction of 500No housing units for the security services under the Security Services Housing Programme						60.00	-		HD	MMDAs, GREDA, GIA, GhIE, Private Sector		

	Phase 3											
	Construction of 1000 Housing Units by M/s Falcon Crest, Phase 1 -						800.00	-		HD	SSNTI	
	Identify and procure land banks for affordable housing projects	Nationwide					0.96	-				
	Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations	Nationwide					0.84	-				
	Improve investment for housing provision	Payment of subscription to International Organisations (UN-HABITAT, AMCHUD, SHELTER AFRIQUE)	Greater Accra				20.00	-	-	HD	MMDAs, GREDA	
TOTAL							876.29		1,972.00			

2.2 URBAN HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
provide adequate, safe, secure, quality and affordable housing	<ul style="list-style-type: none"> Accelerate implementation of the National Housing Policy Promote Social Housing Scheme in Urban, peri-urban and rural areas Expand availability of housing financing Provide support for private sector involvement in the delivery of rental housing Improve investment for housing provision Promote the manufacture and use 	Development of a national rent policy and review of the Rent Act 1963,	Accra					-	-	-	RCD	MWH, Private Sector
		Embark on a national public education and sensitization programme	Accra					0.10	-	-	RCD	MWRWH, Private Sector, Media
		Renovation and refurbishment of Rent Control offices	Accra					0.30	-	-	RCD	MWH, Private Sector
		National registration of landlords and tenants	Accra					-	-	-	RCD	MWH, Private Sector
		Development of an online site for prospective tenants and vacant apartments for rent	Accra					-	-	-	RCD	MWH, Private Sector
		Procurement of 1 pickup vehicle	Accra					-	-	-	RCD	MWH, Private Sector
		Capacity building of rent officers	Accra					0.03	-	-	RCD	MWH, Private Sector

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations Provide technical assistance to communities to support basic house building skills training programmes Support technical education institutions and other professional bodies to train more human resources for the construction sector 	<ul style="list-style-type: none"> of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code Support self-help building schemes organized along communal themes, cooperative societies and crop and trade associations Provide technical assistance to communities to support basic house building skills training programmes Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Opening of four new offices	Accra					-	-	-	RCD	MWH, Private Sector
		Purchase of office equipment	Accra					-	-	-	RCD	MWH, Private Sector
		Recruitment and training of new officers	Accra					-	-	-	RCD	MWH, Private Sector
		Documentary on basic rent laws and procedure	Accra					-	-	-	RCD	MWH, Private Sector
		Open forum for the public on rent issues	Accra					-	-	-	RCD	MWH, Private Sector
		Purchase of two saloon vehicles	Accra					-	-	-	RCD	MWH, Private Sector
		Disburse housing loans to Civil and Public Servants	Accra					7.00	-	-	PSHLSB	MWH
		Construction of Flats Com. 1, Site 3	Tema					-	0.000	-	TDC	ECG, GWCL, DUR, MMDAs
		Construction of Flats Com. 24	Tema					-	69.12	-	TDC	ECG, GWCL, DUR, MMDAs
		Affordable Housing at Kpone (Community 26)	Tema					-	97.21	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Infrastructure development at Kpone (Community 26)	Tema					-	0.00	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Staff housing	Tema					-	0.00	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Kaizer flats redevelopment (Phase 1)	Tema					-	19.96	-	TDC	AESL, ECG, GWCL, DUR, MMDAs
		Staff training	Tema					-	2.57	-	TDC	MWH, Training Institutions
		Acquisition of Lands	Tema					-	7.2	-	TDC	LANDS COMMISSION, MWH, TRADITIONAL COUNCIL
		Acquisition of land banks	Tema								SHC	Land Commission, Local Govt, Forestry ,Interior, Land and Spatial Use Authority (LUSPA)
Number of students given opportunity on attachment, and national service	Tema						0.03		SHC	GES, Universities, Ministry of education, NSS		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Number of staff trained	Tema						0.04		SHC	MWH, Training Institutions
		Number of estate houses to be developed with integrated building codes.	Tema						38	154	SHC	AESL, Highways, Ghana Water, ARC, SHC
		Percentage of pozzolana cement use in concrete works	Tema						0.38	1.54	SHC	MWRWH,MESTI,GIA,GIP, EPA,PPA,NADMO,MMDA 's, GhiE, GhiS
		Number of housing units to be derived from the high rise buildings	Accra						22	88	SHC	AESL, ARC, SHC
		Number of housing plans with waste management and recycle schemes	Tema						0.41		SHC	MWRWH,MESTI,GIA,GIP, EPA,PPA,NADMO,MMDA 's
		Number of settlements with orderly planned schemes	Tema								SHC	Town & Country Planning Authorities, development partners, MOJ and AGD
		Number of housing designs and financing that meet the national standards	Tema						16.52		SHC	Town & Country Planning Authorities, Land commission
TOTAL								7.43	273.44	243.54		

2.3 RURAL HOUSING MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Enhance quality of life in rural areas Provide adequate, safe, 	<ul style="list-style-type: none"> Provide basic infrastructure such as potable water, sanitation, electricity, road networks, schools, health facilities, low- 	Facilitate the training of 150 District Assemblies Technicians	Nationwide					0.07	-	-	DRH	MMDAs,
		Sensitization and Awareness	Nationwide					0.09	-	-	DRH	MMDAs, NGOs

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> secure, quality and affordable housing. Enhance production and supply of quality raw materials 	<ul style="list-style-type: none"> cost housing. Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Provide incentives for the production and supply of quality raw materials for industry Support technical education institutions and other professional bodies to train more human resources for the construction sector 	Facilitate and assist in the construction of 100N¢ Rural Houses	Nationwide					0.85	-	-	DRH	MMDAs, NGOs, GREDA
		Rehabilitation of 150N¢ Rural Houses	Nationwide					0.45	-	-	DRH	GOG, MMDAs, NGOs
		Purchase of one pick up vehicle	Accra					0.40	-	-	DRH	MMDAs, MWRWH, NGOs, GREDA
		Facilitate the process of establishing 30N¢ District Assembly staff housing	Nationwide					0.30	-	-	DRH	MMDAs, NGOs, GREDA
		Renovation of DRH Head Office.	Accra					-	-	-	DRH	MMDAs, NGOs
		Construction skills training for District Assemblies	Nationwide					0.75	-	-	DRH	MMDAs, GREDA
		Establish 30N¢ Material banks	Nationwide					0.50	-	-	DRH	MMDAs, NGOs
		Establish Cooperative Housing Schemes in ten (10) regions	Nationwide					0.095	-	-	DRH	MMDAs, NGOs, Trade Associations,
		Complete the Rehabilitation of Official Bungalows	Accra					-	-	-	DRH	MWH, AESL
TOTAL								3.505	-	-		

2.4 MANAGEMENT OF PUBLIC CONSTRUCTION

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
<ul style="list-style-type: none"> Build a competitive and modern construction industry. Provide adequate, safe, secure, quality and affordable 	<ul style="list-style-type: none"> Ensure quality in all aspects of construction Promote and stimulate the development and expansion of the Ghanaian construction industry Promote research in 	Training of probationers in the architectural profession.	Accra					0.04	0.11	-	ARC	MWH, MLGRD, GIA, GhIE, PPA
		Development control workshop for technicians					0.04	0.12	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Professional practice exams and induction ceremony.					0.05	0.15	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Sensitization and advocacy program on the use of local building materials					-	0.05	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Training for small and medium scale contractors					0.04	0.11	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule							Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
housing	<ul style="list-style-type: none"> matters relating to the construction industry Ensure accreditation and certification of skilled construction workers and construction site supervisors Support technical education institutions and other professional bodies to train more human resources for the construction sector Promote the manufacture and use of standardized local building materials in housing including the use of bricks, tiles and pozzolana cement Strengthen the implementation of the national building code Build capacity to ensure requisite skills for infrastructure maintenance Ensure accreditation and certification of skilled construction workers and construction site supervisors Support technical 	Review of Architects Decree NLCD 357,1969					-	0.15	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Staff Training					0.03	0.09	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Review of the Professional Practice Syllabus					-	0.04	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Monitoring of the KNUST and CUC schools of Architecture					0.02	0.06	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Publication / Gazetting of the registration of Architects and Architectural Firms					0.02	0.06	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Continuous Professional development (CPD) for Architects					0.03	0.09	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Rehabilitate, refurbish and maintain the existing office building of ARC					-	0.04	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Purchase of plant and equipment					-	0.02	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Rehabilitation of Engineers Council Office building					0.04	0.16	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Purchase of office facilities and supplies					0.10	0.3	-	ARC	MWH, MLGRD, GIA, GhIE, PPA	
		Training of staff of the Engineers Council					0.04	0.12	-	EC	MWH, GhIE, PPA, MMDA's	
		Ensure the incorporation of standardized building codes in the designs of building structures					-	0.65	-	AESL	MWH, GhIE, PPA, MMDA's	
		Specification of approved local construction materials in various designs					-	0.5	-	AESL	MWH, GhIE, PPA, MMDA's	
		Students' attachment programmes					-	0.45	-	AESL	MWH, GhIE, PPA, MMDA's	
		Financial support for professional bodies					-	0.2	-	AESL	MWH, GhIE, PPA, MMDA's	
		Incorporation of the use of Pozzolana cement in designs				-	-	-	AESL	POZZOLANA GHANA LTD(PGL), ABCEC, MMDAs		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	education institutions and other professional bodies to train more human resources for the construction sector											MWH GNFS, EPA, TCPD, MMDAs
		Education on the use of Pozzolana					-	0.05	-	AESL		POZZOLANA GHANA LTD(PGL), ABCEC, MMDAs
		Conducting structural integrity test on both old and new buildings					-	0.6	-	AESL		GhIS, GhIE, GIA
		Valuations of land and buildings					-	1.2	-	AESL		GhIS, GhIE, GIA
		Capacity building for AESL staff					-	0.6	-	AESL		ABCEC, PGL, MMDAs
TOTAL								0.45	5.92			

PROGRAMME THREE - INFRASTRUCTURE MANAGEMENT

3.0 WORKS SECTOR MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
1 Build a competitive and modern construction industry.	<ul style="list-style-type: none"> Establish a central agency for the construction industry to improve efficiency in the industry Ensure quality in all aspects of construction Promote and stimulate the development and expansion of the Ghanaian construction industry 	Develop the National Maintenance Policy	Accra					-	-	-		
		Develop an Action Plan for the implementation of the National Maintenance Policy	Accra					0.13	-	-		
		Gazeting of the Building Code and the review of the Building Regulations	Accra					0.70	-	-		
		Develop Infrastructure and (GoG) landed properties, Drainage	Accra					0.83	-	-		

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
	<ul style="list-style-type: none"> Enact appropriate legislation to protect mangrove forests, wetlands and marine areas from degradation Establish a Coastal Zone Commission with strong stakeholder participation. Establish National Hydrology Authority (NHA) to develop long-term solutions to flooding and the protection of inland and sea coastlines. 	system and coastal fund Policy										
		Implement the Annual Emergency National Flood Control programme	Accra					10.33	-	-		
		Rehabilitate, refurbish and maintain the UNDP Blocks of Flats	Accra					1.50	-	-		
		Purchase Saloon Vehicle for Director	Accra					-	-	-		
		Purchase three (3) Cross Country vehicles	Accra					-	-	-		
		Monitor and Evaluate Works Directorate programmes						0.17	-	-		
TOTAL								13.66	-	-		

3.2 GENERAL MAINTENANCE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3rd	4th	GOG	IGF	Donor	Lead	Collaborating
Promote proper maintenance culture	Enforce relevant standards in various sectors to reduce rapid deterioration, including strengthening the axle load control on	Renovate 150№ of Government bungalows, flats and JSQs annually	Countrywide					3.79	-	-		
		Complete 150№ Keta Sea Defense Resettlement Housing Units	Keta					3.00				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
	roadways	Rehabilitate the existing ministerial block of offices	Accra					1.61				
	<ul style="list-style-type: none"> Establish timely and effective preventive maintenance plan for all public infrastructure 	Rehabilitate GoG Ministerial Bungalows	Accra					8.00				
	<ul style="list-style-type: none"> Build capacity to ensure requisite skills for infrastructure maintenance 	Refurbish 10№ Regional offices of Prestige Facilities Management Division	Countrywide					1.13				
TOTAL								17.53	-	-		

3.3 DRAINAGE MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Address recurrent devastating floods	<ul style="list-style-type: none"> Construct storm drains in Accra and other cities and towns to address the recurrent devastating floods. 	Construction of Regional and District Primary Drains	Countrywide					200.00	-	1,000.00		
		Construction of the Greater Accra Drainage System	Accra					-	-	-		
		Develop 10 Regional Drainage Master Plans	Countrywide					17.50	-	-		
		Develop 20 District Drainage Master Plans	Countrywide					5.00	-	45.00		
	<ul style="list-style-type: none"> Prepare and implement adequate drainage plans for all MMDAs 	Dredging of the Lagoons, retention dams and water ponds	Accra					100.00	-	-		
		Design and Construct dredging and Channel Works and Bridge under the Meridian Gardens Development of Klagon Project	Tema					12.84	-	-		
		Akora River drainage project	Swedru					15.80	-	-		
		Payment of land and crop compensation at Adjen Kotoku	Amasaman					10.25	-	-		
TOTAL								361.39	-	1,045.00		

3.4 COASTAL MANAGEMENT

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Reduce coastal and marine erosion	<ul style="list-style-type: none"> Promote investment in hard control structures including gabions and boulder Promote mangrove forests replanting and planting of other vegetative cover to contain erosion Control sand mining along beaches Strengthen the participation of local communities in sustainable coastal management practices. Prepare and implement an Integrated Coastal Zone Management (ICZM) Plan 	Develop a Coast Line Master Plan for Protection	Accra					-	-	-		
		Construction of Dansoman Emergency Coastal Protection Works	Dansoman					39.00	-	-		
		Re-engineering and re-construction of Ada Coastal Project	Ada					-	-	27.00		
		Construction of New Takoradi (Elmina) Sea Defense Project	Elmina					-	-	-		
		Construction of Aboadze Coastal Protection Works	Aboadze					-	-	-		
		Construction of Blekusu Sea Defense Project	Blekusu					-	-	-		
		Construction of Anomabo Sea defense Project						50.00	-	-		
		Construction of Axim Sea Defense Project	Axim					30.00	-	-		
		Construction of Adjoa (Near Takoradi) Coastal Protection Works	Takoradi					-	-	-		
		Construction of Amanful Kumah Coastal Protection Works	Amanful Kumah					16.45	-	-		
		Construction of Cape Coast Coastal Protection Works.	Cape Coast					26.18	-	-		
		Construction of Mensah Guinea Sea Defense Project	Mensah Guinea					-	-	600.00		
		Construction of Komenda Sea defense Project	Komenda					18.00	-	-		
		Construction of Dixcove Sea defense Project	Dixcove					14.00	-	-		
		Construction of Akplabanya Sea defense Project	Akplabanya					18.00	-	-		
Construction of Prampram Sea defense Project	Prampram					20.00	-	-				
Construction of Ekumfi Sea defense Project	Ekumfi					13.00	-	-				

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
		Construction of Senya Breku Sea defense Project	Senya Breku					10.00	-	-		
TOTAL								254.63	-	627		

3.5 OPERATIONAL HYDROLOGY

MDAs Adopted Policy objectives	MDAs Adopted Strategies	Annual Activities	Location	Quarterly Time schedule				Indicative Budget (GH¢ Million)			Implementing Agencies	
				1st	2nd	3 rd	4th	GOG	IGF	Donor	Lead	Collaborating
Enhance climate change resilience Promote proactive planning for disaster prevention and mitigation	<ul style="list-style-type: none"> Implement Ghana's commitments under Paris Climate Agreement (COP21) Collaborate with international partners to have more access to the Green Climate Fund (\$30 billion Global Fund) for climate change purposes Educate public and private institutions on natural and man-made hazards and disaster risk reduction Strengthen early warning and response mechanism on disasters Implement gender sensitivity in disaster management 	Renovation of 75 river gauging stations and changing of automatic water level recorders	Countrywide					1.40	-	-		
		Installation and maintenance of Telemetry systems	Countrywide					5.60	-	-		
TOTAL								7.0	-	-		

CHAPTER 6

MONITORING AND EVALUATION FRAMEWORK

6.0 Introduction

The Government of Ghana is committed to prudent management and accountability practices within the public service that will result in effective and efficient delivery of services for the benefit of all people living in Ghana. Government is further committed to linking development resources to national development policy objectives and the delivery of specified outputs and outcomes.

The Ministry of Works and Housing is responsible for the implementation of the various programmes and sub-programmes of the works and housing sub-sectors of the economy. It has the mandate to monitor plan implementation progress and periodically evaluate sector performance to provide evidence-based decisions for policy formulation and review.

6.1 Structure of sector Monitoring and Evaluation (M&E), Plan

The sector Monitoring and Evaluation (M&E) Plan presents a step by step process of how it was developed. The steps are:

- Assigning M&E responsibilities,
- Assessing needs and creating the necessary supporting conditions and capacities,
- Developing the M&E work plan and budget,
- Providing tools for M&E data collection and analysis,
- Stipulating what reports to generate, the reporting times and formats, and
- Suggesting how dissemination of the Annual Performance Report could be carried out to achieve the desired impact.

6.2 SMTDP Monitoring and Evaluation Framework

The Sector M&E Plan is to be used by the Ministry, its Departments and Agencies as well as all stakeholders in the sector to measure progress of the 2018-2021 Plan implementation. Specific indicators have been developed as essential tools to measure sector development performance during the Plan implementation (2018-2021).

The 2018-2021 M & E Framework of MWH involves the following:

- *identification of primary and secondary stakeholders*

- *formation of sector M & E Team*
- *development of data collection instruments*
- *budgeting for planned M & E activities*
- *field work/data collection*
- *analysis of data using relevant statistical tools*
- *preparation and dissemination of M & E Reports, and*
- *establishing a functional data base to promote evidence-based decision making*

6.3 Monitoring Indicators

The indicators to be used to measure the relative changes that would be occurring or have occurred during the implementation of the MWH MTDP over time are classified into the following categories:

- *process indicators*
- *input indicators*
- *output indicators*
- *outcome indicators*
- *impact indicators*
- *base line data*

6.4 Stakeholder Analysis

Various stakeholders have been identified and assigned specific roles and responsibilities in the implementation of MWH 2018-2021 Medium-Term Development Plan. The stakeholders are in two categories.

Primary stakeholders are institutions, agencies and individuals who would assist the Ministry in the direct implementation of this Plan.

Secondary stakeholders are those institutions and agencies who have interest and will benefit from the achievement of the outcomes of the Plan, and would also facilitate the achievement of Plan objectives and set targets.

Table 6.1 indicates the roles and responsibilities of primary and secondary stakeholders

Table 6. 1: Stakeholders Identification Analysis

Nº	STAKEHOLDERS	ROLES	INTEREST	INFLUENCE
1.	National Development Planning Commission	To ensure that sector plans are aligned with the national plan, monitor development progress	1. Equitable access to adequate, safe, secure and affordable shelter. 2. Protection of life and property	High
2.	Ministry of Finance	To ensure provision of adequate and timely release of funds	To ensure efficient and effective utilization of funds	High
3.	Ministry of Gender, Children and Social Protection	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of the policy	1. Mainstreaming gender issues 2. Ensuring that issues concerning the vulnerable, physically challenged and the excluded are taken on board in the execution of the Programme.	High
4.	Ministry of Health	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of the policy	Ensuring that housing related health issues are reduced to the barest minimum.	High
5.	Ministry of Employment and Labour Relations	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of the policy	Ensuring effective and efficient utilization of human resource	High
6.	Ministry of Environment, Science, Technology and Innovation	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of the policy	Ensuring that green technologies are used in Policy formulation, Programme planning and implementation to sustain the environment.	High
7.	Ministry of Lands and Natural Resources	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of the policy	Ensuring access to lands for works and housing Programmes	High
8.	Ministry of Local Government and Rural Development	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of Policies	Ensuring the full implementation of the decentralization policy	High
9.	Ministry of Trade and Industry	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of Policies	Ensuring that locally manufactured building materials are factored in the construction of structures	High
10.	Ministry of Education	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review	Ensuring the proper practices as far as housing and works issues are concerned through the SHEP	High

Nº	STAKEHOLDERS	ROLES	INTEREST	INFLUENCE
		of Policies	programme	
11.	Ministry of Roads and Highways	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of Policies	Ensuring adherence to standards in settlement planning and development	Medium
12.	Ministry of Interior	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of Policies	Ensuring protection of life, property and environment	High
13.	Ghana Statistical Service	Provision of reliable and timely information for planning and decision making	Ensuring that reliable data is made available to inform policy formulation and decision making	High
14.	Ghana Home Loans Limited	Provision of timely, soft and long term mortgages to customers	Ensuring that funds are made available to finance mortgaging	Medium
15.	Home Finance Company Limited	Provision of timely, soft and long term mortgages to customers	Ensuring that funds are made available to finance mortgaging	Medium
16.	Other Banking and Non-Banking Institutions	Provision of timely, soft and long term mortgages to customers	Ensuring that's funds are made available to finance mortgaging and other projects and programmes being implemented within the Sector	Medium
17.	SSNIT	Provision of timely, soft and long term construction loans	Ensuring that funds are available to support the implementation of programmes and projects within the sector	Medium
18.	UN-Habitat	Collaboration in Policy Formulation, Planning, Execution and Monitoring for Assessment and Review of Policies particularly in the area of Housing	Ensuring that adequate decent accommodation is provided for the citizenry	High
19.	Ghana Real Estate Developers Association (GREDA)	Delivery of safe, decent and low-income affordable Housing Units	Ensuring that adequate decent accommodation is provided for the citizenry	Medium
20.	Association of Building and Civil Contractors of Ghana (ABCCG)	Construction of high quality, safe, decent and low-income affordable Housing Units	1. Ensuring that adequate decent accommodation is provided for the citizenry 2. Ensuring adherence to standards in the construction of other civil works in the area of Sea Defence, etc.	Medium
21.	Parliament and Members of Parliamentary Select Committee on MWH	To hold the executives accountable and brief constituents on the implementation of programmes and projects	To ensure transparency and accountability of the Executive	High
22.	Political Parties	To monitor and evaluate the performance of Sector	To ensure transparency and accountability	Medium
23.	Researchers and Institutions	To make input for research	Ensuring that research informs policy formulation and	High

Nº	STAKEHOLDERS	ROLES	INTEREST	INFLUENCE
			decision making	
24.	Development Partners	To support Government financially, monitor and evaluate fund utilization	To ensure transparency and accountability	High
25.	Civil Society Organizations (NGOs, CSOs, TAs, People with Disabilities, etc)	To demand accountability, transparency and information dissemination to the general public and advocacy	To ensure transparency and accountability	Medium
26.	Media	To demand accountability, transparency, information dissemination, advocacy and support data collection	To ensure transparency and accountability	Medium
27.	Traditional Authorities	To support the Programme through monitoring and support data collection	To ensure transparency and accountability	Medium
28.	Faith Based Organizations	To demand accountability and support data collection	To ensure transparency and accountability	Low
29.	Local Communities	To support the Programme through monitoring and support data collection	To ensure transparency and accountability	Medium

6.5 M&E Matrix

The M&E matrix provides a format for presenting the inputs, outputs, outcomes and impacts indicators for each SMTDP objective. It summarizes the overall monitoring and evaluation plan by including a list of methods to be used in collecting data. This matrix also shows the link between the SMTDP and the National Medium Term Development Plan policy framework. **Tables 6.2 and 6.3** show the main elements of the matrix at the National and Sector Level.

Table 6. 2: National Indicators

Nº Item	Indicators	Type of Indicator	Baseline 2017	Targets				Data Sources	Monitoring Frequency	Responsibility
				18	19	20	21			
1.	Percentage increase of National housing stock	Impact	10	15	20	25	30	Housing Directorate	Quarterly	Director Housing & PPBME
2.	Percentage increase of Urban housing stock	Impact	5	5	10	15	20	Housing Directorate	Quarterly	Director Water & PPBME
3.	Percentage increase of Rural housing stock	Impact	-	-	-	5	10	Housing Directorate	Quarterly	Director Housing & PPBME

№ Item	Indicators	Type of Indicator	Baseline 2017	Targets				Data Sources	Monitoring Frequency	Responsibility
				18	19	20	21			
4.	Percentage access to service land (plots) for the development of safe shelter investment	Impact	10	15	20	25	30	Housing Directorate	Quarterly	Director Housing & PPBME

Table 6. 3: Sector Specific Indicators

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
1.	Number of Ministerial Advisory Board meetings organized	Output	2	4	4	4	4	16	Gen. Admin. Directorate	Quarterly	D/G.A
2.	Number of Audit Committee (AC) meetings organized	Output	4	4	4	4	4	16	Gen. Admin. Directorate	Quarterly	D/G.A
3.	Number of Management meetings organized	Output	4	12	12	12	12	48	Gen. Admin. Directorate	Monthly	D/G.A
4.	Number of Entity Tender Committee meetings organized	Output		4	4	4	4	16	Gen. Admin. Directorate	Quarterly	D/G.A
5.	Number of Staff Durbars organized	Output	3	4	4	4	4	16	Gen. Admin. Directorate	Quarterly	D/G.A
6.	Procurement Plan prepared and submitted to PPA every year.	Output	30/1/17	30/1/18	30/1/19	30/1/20	30/1/21	30/1/21	Gen. Admin. Directorate	Annually	D/G.A
7.	Quarterly financial reports to be prepared by	Output	30 days after end of quarter	30 days after end of quarter	30 days after end of quarter	30 days after end of quarter	30 days after end of quarter	30 days after end of quarter	Finance Directorate	Quarterly	D/ Finance
8.	Annual financial reports to be prepared by	Output	31 st March the following year	31 st March the following year	31 st March the following year	31 st March the following year	31 st March the following year	31 st March the following year	Finance Directorate	Annually	D/ Finance
9.	Monthly bank reconciliation prepared by	Output	15 days after end of month	15 days after end of month	15 days after end of month	15 days after end of month	15 days after end of month	15 days after end of month	Finance Directorate	Monthly	D/ Finance
10.	Responding to audit reports prepared by	Output	30 days after receipt of	30 days after receipt	30 days after receipt	30 days after receipt	30 days after receipt of	30 days after receipt of report	Finance Directorate	Annually	D/ Finance

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
			report	of report	of report	of report	of report				
11.	Revenue Mobilization	Output	15 days after each quarter	15 days after each quarter	15 days after each quarter	15 days after each quarter	15 days after each quarter	15 days after each quarter	Finance Directorate	Quarterly	D/ Finance
12.	Number of staff trained in Performance Management	Output	35	35	40	40	35	150	HRMD Directorate	Annually	D/HRMD
13.	Number of staff trained in training needs assessment	Output	50	50	55	50	50	205	HRMD Directorate	Annually	D/HRMD
14.	Number HR and Personnel Officers trained in GoG rules and regulations	Output	50	50	50	50	50	200	HRMD Directorate	Annually	D/HRMD
15.	Number of Directors participating in Management development programmes	Output	15	15	15	15	15	60	HRMD Directorate	Annually	D/HRMD
16.	Number of staff trained in Public private partnerships management	Output	-	35	-	-	35	70	HRMD Directorate	Annually	D/HRMD
17.	Number of staff trained in GIMPA, CSTC, MDPI, TTI of OHCS under the Scheme of service development programmes.	Output		20	20	20	20	80	HRMD Directorate	Annually	D/HRMD
18.	Mid-year review of annual budget performance to be completed	Output	July	July	July	July	July	July	PPBME Directorate	Annually	D/PPBME
19.	Annual review of the Sector Medium Term Development Plan to be completed	Output	January	-	January	-	January	January	PPBME Directorate	Annually	D/PPBME
20.	Mid-Term review of the Sector Medium Term Development Plan to be completed	Output	January	-	-	January	-	January	PPBME Directorate	Annually	D/PPBME
21.	Annual progress reports prepared	Output	March	March	March	March	March	March	PPBME Directorate	Annually	D/PPBME

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
22.	No. of Quarterly Budget Performance Reports prepared	Output	4	4	4	4	4	16	PPBME Directorate	Quarterly	D/PPBME
23.	Preparation of the Annual Budget Estimates for ensuing year to be completed	Output	November	November	November	November	November	November	PPBME Directorate	Annually	D/PPBME
24.	Sector publications to be completed	Output	December 31st	December 31st	December 31st	December 31st	December 31st	December 31st	RSIM Directorate	Annually	D/RSIM
25.	Conventions, Protocol Agreements, Statutory Acts, MOU's and Contracts collated, compiled and upgraded	Output	-	December	December	December	December	December	RSIM Directorate	Annually	D/RSIM
26.	Beneficiary/Clients Service Surveys conducted	Output	-	December	December	December	December	December	RSIM Directorate	Annually	D/RSIM
27.	Number of National and Regional Policy fairs participated annually	Output	-	4	4	4	4	16	RSIM Directorate	Annually	D/RSIM
28.	No. of statistical reports produced	Output	-	-	1				RSIM Directorate	Biannually	Director, RSIM
29.	Information Materials and facilities in Ministerial Library/Resource Centre upgraded	Output	December	December	December	December	December	December	RSIM Directorate	Annually	Director, RSIM
30.	No. of Meet- Press-Series participated in	Output	-	1	1	1	1	4	RSIM Directorate	Annually	Director, RSIM
31.	No. of staff trained in the use of ICT and E-workspace applications	Output	-	30	35	40	45	150 December	RSIM Directorate	Annually	Director, RSIM
32.	Development of a new ICT Policy	Output	December 31st	-	December	-	-		RSIM Directorate	Annually	Director, RSIM
33.	Annual Maintenance of Ministry's Website, LAN/ WAN	Output	-	December	December	December	December	December	RSIM Directorate	Annually	Director, RSIM
34.	Number of Audit and Maintenance of ICT Infrastructure	Output	3	4	4	4	4	16	RSIM Directorate	Annually	Director, RSIM
35.	Number of Audit Reports prepared annually	Output	4	4	4	4	4	16	IAU	Quarterly	Head, Internal Audit Unit

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
36.	Number of ongoing and completed projects verified and physically inspected	Output	4	4	4	4	4	16	IAU	Quarterly	Head, Internal Audit Unit
37.	Audit committee meetings organised	Output	4	4	4	4	4	16	IAU	Quarterly	Head, Internal Audit Unit
38.	Major Auditable Areas	Output	5	5	5	5	5	20	IAU	Quarterly	Head, Internal Audit Unit
39.	No. of audit reports produced	Output	4	4	4	4	4	16	Internal Audit Unit	Annually	Head, Internal Audit Unit
40.	No. officers trained on Report writing and information gathering skills	Output	-	-	2	-	2	4	HRMD Directorate	Annually	Director, HRMD
41.	No. Verified and inspected of projects	Output	-	3	3	3	3	12	Internal Audit Unit	Annually	Head, Internal Audit Unit
42.	No. of officers to attend International Conference	Output	-	-	2	-	2	4	Internal Audit Unit	Annually	Head, Internal Audit Unit
43.	No. of officers trained in project auditing	Output	-	2	2	-	-	4	Internal Audit Unit	Annually	Head, Internal Audit Unit
44.	No. of officers trained in Risk/system based auditing	Output	-	-	-	2	2	4	Internal Audit Unit	Annually	Head, Internal Audit Unit
45.	Follow-up on previous audit by IAU and GAS to be completed	Output	August	August	August	August	August	August	Internal Audit Unit	Annually	Head, Internal Audit Unit
46.	Preparation Ensuing year budget and audit plans to be completed	Output	November	November	November	November	November	November	Internal Audit Unit	Annually	Head, Internal Audit Unit
47.	Development of a Risk register for the Ministry to be completed	Output	-	-	December	-	-	December	Internal Audit Unit	Annually	Head, Internal

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
											Audit Unit
48.	Preparation of a strategic plan for the Unit to be completed	Output	-	-	-	-	December	December	Internal Audit Unit	Annually	Head, Internal Audit Unit
8.	Sensitization/Awareness Programmes on the Housing Policy to be completed	Output	-	December	December	December	December	December	Housing Directorate	Annually	D/Housing
9.	Implementation of the redevelopment programme to increase the housing stock for public workers to be completed	Output	December	December	December	December	December	December	Housing Directorate	Annually	D/Housing
10.	№ of affordable housing units completed at Borteyman by SSNIT	Output	1,374	-	708	708	-	1416	Housing Directorate	Annually	D/Housing
11.	№ of affordable housing units completed at Kpone	Output	-	-	509	509	508	1526	Housing Directorate	Annually	D/Housing
12.	№ of affordable housing units completed at Koforidua, Tamale and Wa	Output	-	-	331	331	-	662	Housing Directorate	Annually	D/Housing
13.	№ of Housing Units constructed by M/s Constructora OAS	Output		1,000	1,000	1,000	1,000	4,000	Housing Directorate	Annually	D/Housing
14.	№ of Housing Units constructed by M/s Ital Construct	Output		824	824	824	824	3296	Housing Directorate	Annually	D/Housing
15.	Construction of housing units for Public Servants to be completed	Output		December	December	December	December		Housing Directorate	Annually	D/Housing
16.	№ of housing units constructed for security services under the Security Services Housing Programme Phase II	Output		136	123	123	122	504	Housing Directorate	Annually	D/Housing
17.	Acres of land banks identified and procured	Output		1,200	25,000	25,000	25,000	76,200	Housing Directorate	Annually	D/Housing
18.	Review of building regulations (LI 1630) to be completed	Output	-	-	December	-	-		Housing Directorate	Annually	D/Housing
19.	Sensitization/ Awareness of	Output	-	-	-	December	December		Housing	Annually	D/Housing

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
	Reviewed Building Code and regulations to be completed					er			Directorate		
20.	Support for the Implementation of the Slum Upgrading and Prevention Strategy to be completed	Output	-	December	December	December	December		Housing Directorate	Annually	D/Housing
21.	Payment of subscription to International Organisations (UN-HABITAT, AMCHUD) to be completed	Output		December	December	December	December		Housing Directorate	Annually	D/Housing
22.	Number of Rent Cases received from landlords and tenants annually	Output		44,456	53,347	62,238	71,129	231,170	RCD	Annually	Chief Rent Officer
23.	Number of Rent disputes Settled annually	Output		27,200	44,000	52,500	61,050	184,750	RCD	Annually	Chief Rent Officer
24.	Number of cases referred to Court	Output		8,900	9,347	9,738	10,079	38,064	RCD	Annually	Chief Rent Officer
25.	Number of Affordable Houses provided for Public and Civil Servants Annually	Output		100	150	200	250	700	PSHLSB	Annually	Executive Secretary, PSHLSB
26.	Number of Rural houses completed annually	Output		100	100	100	100	400	DRH	Annually	Director, DRH
27.	Number of Rural houses rehabilitated annually	Output		50	50	50	50	200	DRH	Annually	Director, DRH
28.	Number of local building material training centres established	Output		45	45	45	45	180	DRH	Annually	Director, DRH
29.	Number of Probationers trained in the Architectural professional practice	Output		60	65	70	75	270	ARC	Annually	Registrar, ARC
30.	Number of building technicians trained in National Building Regulations and Planning Laws	Output		25	30	35	40	130	ARC	Annually	Registrar, ARC
31.	Number of Building Technicians and Draughtsmen licensed	Output		40	45	50	100	235	ARC	Annually	Registrar, ARC

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
32.	Number of Small and Medium Scale Contractors trained	Output		-	20	25	30	75	ARC	Annually	Registrar, ARC
33.	Number of advocacy programs on the use of local building materials organized	output		3	3	3	4	13	ARC	Annually	Registrar, ARC
34.	Number of professional practice examination and induction ceremony organized			2	2	2	2	8	ARC	Annually	Registrar, ARC
35.	Number of Engineers trained in the Engineering Professional Practice	Output		75	85	100	130	390	EC	Annually	Registrar, EC
36.	Number of Engineers', HND Technicians and Draughtsmen licensed	Output		300	500	1000	1500	3300	EC	Annually	Registrar, EC
37.	Servicing of 320 acres of land at comm.24 (% completed)	Output	90%	100%	-	-	-	100%	TDCL	Quarterly	Managing Director TDCL
38.	Servicing of 154 acres of land at comm.24 Extension (% completed)	Output	85%	100%	-	-	-	100%	TDCL	Quarterly	Managing Director TDCL
39.	No. of communities developed (Comm. 22 and 26)	Output	1	1	0	0	0	2	TDCL	Quarterly	Managing Director TDCL
40.	No. of apartments completed at Comm. 1 - site 3	Output	64	128	16	0	0	144	TDCL	Quarterly	Managing Director TDCL
41.	No. of Town Houses completed at Comm. 24 extension	Output	0	-	70	70	88	228	TDCL	Quarterly	Managing Director TDCL
42.	No.of apartments completed at Kpone	Output	136	180	468	439	303	1,526	TDCL	Quarterly	Managing Director TDCL
43.	Acreage of land to be acquired	Output	0	0	0	1,000	0	1,000	TDCL	Quarterly	Managing Director TDCL
44.	Area redeveloped (Kaizer Flats Comm. 4)	Output	0	5%	15%	30%	45%	45%	TDCL	Quarterly	Managing Director TDCL
45.	No. of training programmes organized	Output	6	10	10	10	10	40	TDCL	Quarterly	Managing Director TDCL
46.	No. of employees trained	Output	40	50	50	50	50	200	TDCL	Quarterly	Managing Director TDCL
47.	Percentage of outstanding debts recovered	Output	80%	85%	90%	95%	95%	95%	TDCL	Quarterly	Managing Director TDCL

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
48.	No. of sensitization workshops and seminars organized on the operations	Output	4	4	4	4	4	16	TDCL	Quarterly	Managing Director TDCL
49.	No. of apartments built for staff	Output	36	20%	100%	-	-	72	TDCL	Quarterly	Managing Director TDCL
50.	Number of land banks created	Output	7	1	0	1	0	2	SHCL	Annually	Managing Director, SHC
51.	Number of students given opportunity on attachment, and national service	Output	120	100	100	100	100	400	SHCL	Quarterly	Managing Director, SHC
52.	Number of staff trained	Output	9	12	15	15	15	57	SHCL	Quarterly	Managing Director, SHC
53.	Number of estates houses to be developed with integrated building codes.	Output	0	500	500	700	700	3800	SHCL	Quarterly	Managing Director, SHC
54.	Percentage of pozzolana cement use in concrete works	Output	0	10	15	20	30	30	SHCL	Quarterly	Managing Director, SHC
55.	Number of housing units to be derived from the high rise buildings	Output	100	300	300	400	400	1400	SHCL	Quarterly	Managing Director, SHC
56.	Number of housing plans with waste management and recycle scheme	Output	0	10	10	10	10	40	SHCL	Quarterly	Managing Director, SHC
57.	Number of settlements with orderly planned schemes	Output	0	1	0	1	0	2	SHCL	Quarterly	Managing Director, SHC
58.	Number of housing designs and financing that meet the national standards	Output	2	3	3	3	3	12	SHCL	Quarterly	Managing Director,

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
											SHC
59.	Number of designs undertaken incorporating the revised building code	Output	75	4	7	10	14	92	AESL	Quarterly	Managing Director, AESL
60.	Number of designs with specified approved local construction materials	Output	75	12	18	10	10	50	AESL	Quarterly	Managing Director, AESL
61.	Number of students offered attachment programmes	Output	180	85	110	140	145	480	AESL	Quarterly	Managing Director, AESL
62.	Number of institutions supported financially	Output	5	5	4	4	5	18	AESL	Quarterly	Managing Director, AESL
63.	Number of structures constructed with Pozzolana cement	Output	80	2	-	-	2	4	AESL	Quarterly	Managing Director, AESL
64.	Number of clients sensitized on the use of Pozzolana	Output	25	7	8	10	6	31	AESL	Quarterly	Managing Director, AESL
65.	Number of structures tested	Output	33	20	16	25	31	92	AESL	Quarterly	Managing Director, AESL
66.	Number of valuations conducted	Output	140	46	54	60	40	200	AESL	Quarterly	Managing Director, AESL
67.	Number of staff trained	Output	90	12	12	15	18	57	AESL	Quarterly	Managing Director, AESL
68.	National Maintenance Policy Developed	Output	-	-	-	December	-	December	Works Directorate	Annually	D/Works
69.	Action Plan for the Implementation of NMP prepared	Output	-	-	-	-	December	December	Works Directorate	Annually	D/Works

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
70.	Hydrological Services Agency established.	Output	-	-	-	December	-	December	Works Directorate	Annually	D/Works
71.	Building and Construction Agency established,	Output	-	-	-	December	-	December	Works Directorate	Annually	D/Works
72.	National Building Code gazetted	Output		December	-	-	-	December	Works Directorate	Annually	D/Works
73.	National Building Regulation reviewed	Output		-	-	-	December	December	Works Directorate	Annually	D/Works
74.	Action plan for the implementation of the Policy developed	Output	-	-	-	December	-	December	Works Directorate	Annually	D/Works
75.	Regional drainage master plan developed.	Output	-	-	3	3	2	11	HSD	Annually	D/Works
76.	District drainage master plan developed.	Output	-	-	5	5	5	20	HSD	Annually	D/Works
77.	Infrastructure (GoG landed properties, Drainage system and coastal) fund Policy developed.	Output	-	-	-	December	-	December	Works Directorate	Annually	D/Works
78.	Number of Keta Sea Defence resettlement houses constructed	Output	-	-	40	35	35	150	Works Directorate	Annually	D/Works
79.	Annual Emergency National Flood Control programme implemented.	Output	December	December	December	December	December	December	Works Directorate	Annually	D/Works
80.	UNDP Blocks of Flats rehabilitated, refurbished and maintained	Output		December	December	December	December	December	Works Directorate	Annually	D/Works
81.	The Existing Ministerial Block of Offices rehabilitated.	Output		December	December	December	-	December	Works Directorate	Annually	D/Works
82.	Extension of the new Ministerial Block of Offices completed.	Output		December	December	-	-	December	Works Directorate	Annually	D/Works
83.	Korle Lagoon Ecological Restoration Project completed	Output		-	-	December	-	December	Works Directorate	Annually	D/Works
84.	Works Directorate programmes monitored and Evaluated.	Output		Quarterly	Quarterly	Quarterly	Quarterly	December	Works Directorate	Quarterly	D/Works

№	Indicators	Type of Indicator	Baseline 2017	Targets				Total Targets	Data Sources	Monitoring Frequency	Responsibility
				2018	2019	2020	2021				
85.	Number GoG bungalows renovated	Output		50	50	50	50	200	Works Directorate	Annually	D/Works
86.	Number Prestige Facilities Management division Regional offices refurbished	Output		3	2	2	2	9	PFMD	Annually	PWD, Engineer -In-Chief
87.	Number of treatment plants maintained	Output		10	10	10	10	40	HSD	Quarterly	Director, HSD
88.	Kilometers of drains constructed	Output		15	20	30	35	100	HSD	Quarterly	Director, HSD
89.	Kilometers of drains rechanneled, upgraded and maintained	Output		60	65	70	75	270	HSD	Quarterly	Director, HSD
90.	Number of communities provided with the erosion control structures	Output		50	60	100	100	310	HSD	Quarterly	Director, HSD
91.	Kilometers of coastline protected	Output		10	10	10	10	40	HSD	Quarterly	Director, HSD
92.	Kilometers of Groyne and Revetment structures maintained	Output		3	5	5	5	18	HSD	Quarterly	Director, HSD
93.	Number of flood forecasting and warning systems established	Output		1	1	1	1	4	HSD	Quarterly	Director, HSD
94.	Number of flow measurements taken	Output		224	252	252	252	980	HSD	Quarterly	Director, HSD

6.6 M&E Calendar (Work Plan)

It is important to point out that, one other vital component of the Ministry's M&E Plan is the Annual M&E Calendar or Work Plan. It was developed through a participatory process featuring the actors, frequency of activity, the time frame and a budget relating to each activity. Table 6.5 shows a simplified M&E Calendar.

M&E Calendar

Activities	Time Frame				Actors	Budget in GH¢
	2018	2019	2020	2021		
STMDP						
Annual Review of the SMTDP	First Quarter of each year				PPBME	309,000.00
Annual Review of SME&P	First Week of July each Year				PPBME	312,000.00
Mid-Term Review SMTDP	First Week of July in Year 2020				PPBME	86,000.00
Terminal Evaluation SMTDP	First week of October in 2021				PPBME	92,000.00
Sub-Total						799,000.00
Data Collection and Review Meetings						
Mid-year review of annual budget performance	First Week of July each Year				PPBME	305,000.00
Review of Annual Budget Performance	Second Week of the Ensuing Year				PPBME	303,000.00
Implementation of the M&E Action plan	Second Week of March and September each year.				PPBME	632,000.00
Quarterly Field Visits(impact assessment)	3 rd Wednesday in March, June, Sept and Dec each Year				PPBME	850,000.00
Quarterly Review Meetings	4 th Thursday in March, June, Sept and Dec each Year				PPBME	80,000.00
Preparation of Quarterly budget Performance Reports	15 th of April, July and October each Year and January of ensuing Year				PPBME	20,000.00
Preparation of Annual Budget Estimate of ensuing year	3 rd week of September in each year				PPBME	307,000.00
Sub-Total						2,497,000.00
Annual Progress Report Preparation and dissemination						
Data Collection from Directorates, Dept.'s and Agencies	From 15 th January each Year				PPBME	-
Draft APR Prepared	15 th February each Year				PPBME	50,000.00
Draft APR Review Workshop	15 th March each Year				PPBME	200,000.00
Final APR submitted to NDPC	31 st March each Year				PPBME	-
Dissemination of Sector APR	15 th April each Year				PPBME	50,000.00
Sub-Total						300,000.00
Grand-Total						3,596,000.00

CHAPTER 7

COMMUNICATION PLAN

7.0 Introduction

The Ministry of Works and Housing (MWH) is responsible for the infrastructure sub-sector of the Civil Service. It works as a machinery of the Executive arm of Government through the Office of the Head of the Civil Service of the Republic of Ghana. The Ministry until January, 2017 was known as Ministry of Water Resources, Works and Housing.

The Ministry has the overall responsibility for the initiation, formulation, implementation and documentation of policies and programmes for the systematic development of the country's infrastructure requirements in respect of Works, Housing, Hydrology and Flood Control Systems and to ensure efficiency in the performance of the sector.

In order to achieve this goal, there is the need for information flow among all relevant stakeholders. This will eventually lead to a wide appreciation of MWH activities and the involvement of relevant stakeholders.

Communication is a fundamental and irreplaceable resource in the public sector and guarantees effectiveness, efficiency and transparency. This section of MWH 2018-2021 SMTDP establishes the relationship that exists between stakeholders of the Ministry and flow/exchange of appropriate information among and between all relevant stakeholders. It also spells out the expected roles, means of communication and dissemination of the Plan and its outcomes to all stakeholders.

The Communication Strategy of this Plan provides the road map on how MWH will disseminate its performance over the plan period (2018 - 2021).

7.1 Objective

The objectives of the communication plan are:

- (i) To sensitize the public on components of the Plan.
- (ii) To create a platform for the various sub-sectors to publicize their activities.
- (iii) To build partnership with stakeholders to enhance Plan implementation and M&E work
- (iv) To involve stakeholders in the review of Plan performance, and
- (v) To engage stakeholders in development dialogue in the Works and Housing sub-sectors.

7.2 Message

- Together we develop

- We strive for excellence
- Image is everything

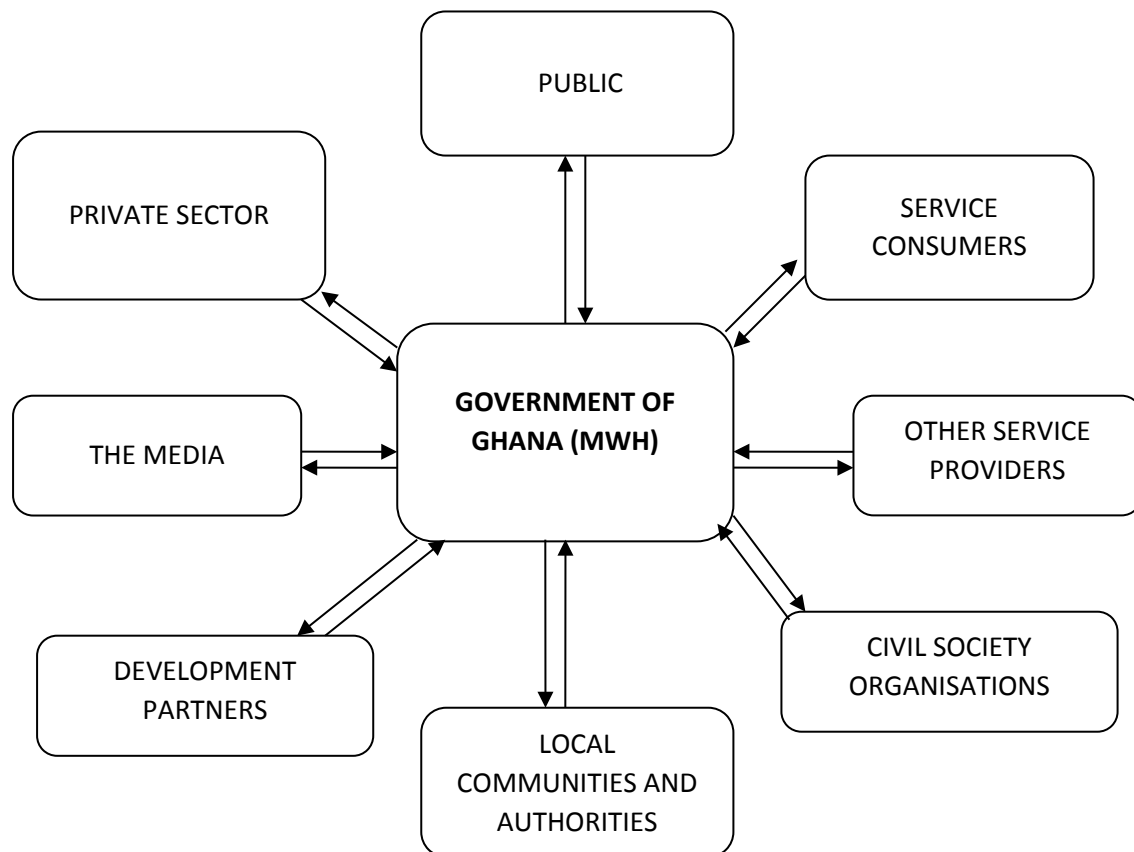
7.3 Sector Benefits

The Communication strategy of this Plan will enable the Ministry to:

- Demonstrate accountability
- Show development Results
- Win public confidence
- Create a good image
- Create job satisfaction.
- Enhance sector service delivery over the Plan period.

MWH STAKEHOLDERS

Fig. 1 shows the various stakeholders involved in the implementation of the communication strategy.



7.3 COMMUNICATION CHANNELS

Internal Communication

Effective internal communication is a prerequisite for organisational success. Staff members are the key ambassadors of an organisation and need to be informed to understand the policies, programmes and activities for the overall performance of the organisation.

The main channels of internal communication for the Plan are:

- Staff Durbars
- Other Meetings
- News Magazine
- Intranet
- Notice Board
- Social Media
- Memoranda
- News letters
- Letters

External Communication

External Communication is a key 'vehicle' for gaining support from outside an organisation in order to reach its goals. Effective external communication is of utmost importance for motivating all relevant stakeholders to collaborate towards achieving the common identified goals.

It is necessary to mobilize, inspire and engage all relevant stakeholders and levels of governance whose support is required for the effective implementation of the goals.

The main channels for external communication and visibility include:

Press

- Print Media
- Radio
- Opinion editorial
- Features

Online

- Website
- E-mails
- Facebook
- Twitter

- Blogs
- WhatsApp

TV

- News and features
- Long-format programmes and online television options

Advertising

- Television
- Radio
- Print

Print

- Brochures
- Posters
- News Magazines
- Letters
- Leaflets
- Reports
- Banners
- Journals

Public Relations

- Event/Stunt
- Endorsements
- Telephone calls
- Conferences
- Press soiree
- Community durbars
- Seminars
- Advocacy
- Lobbying
- Counseling

7.4 Evaluation of communication Plan

- Media coverage and content
- Opinion polls
- Perception survey

7.5 Co-ordination:

The major components of the co-ordination are:

- Identifying experts for contents of communication materials;

- Developing and producing all communication materials;
- Identifying resource persons to facilitate educational campaigns at all levels;
- Organizing workshops, meetings and seminars.
- Media planning and buying.