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EXPERIENCE OF LIBERIA IN SETTING UP THE RURAL ENERGY STRATEGY AND MASTER PLAN 2015 – 2030

By

Kim A. Harris
Administration and Operations Director
Rural and Renewable Energy Agency
Republic of Liberia

www.liberiaruralenergy.org

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AGENDA

- **INTRODUCTION**
- **KEY OBJECTIVES FOR PREPARATION OF THE RURAL ENERGY STRATEGY & MASTER PLAN (RESMP)**
- **ROLES OF INSTITUTIONS IN THE DEVELOMENT OF THE RESMP**
- **GENERAL METHODOLOGY/APPROACH**
- **COORDINATION, MONITORING AND COMMUNICATION**

INTRODUCTION

- In 2009, the Government of Liberia developed and adopted the National Energy Policy which calls for the setting up of an institution dedicated to addressing the energy needs of rural Liberia.
- Consequently, the Rural and Renewable Energy Agency (RREA) was established in 2010 with the mandate to develop in collaboration with the Ministry of Lands Mines and Energy (MLME) and other stakeholders a Rural Energy Strategy and Master Plan (RESMP) for Liberia.
- With funding from the European Union (EU), RREA embarked on the development of the RESMP in 2013 in close collaboration with key partners and stakeholders.
- In 2014, RREA hired the services of an international consulting firm, GESTO Energia S.A. of Portugal to provide technical assistance for the preparation the RESMP.

KEY OBJECTIVES FOR PREPARATION OF THE RURAL ENERGY STRATEGY & MASTER PLAN (RESMP)

Main Objective:

Develop the Rural Energy Strategy and Master Plan for Liberia 2015 – 2030

- How to achieve 35% rural electrification by 2030.
  - Identification & prioritization of target regions and communities, for rural electrification
  - Identification and prioritization of project list for rural electrification
- Rural energy prioritization and target setting
  - Modern cooking fuels, basic energy service standards for non-electricity
  - Specific targets by type of recipients/locations
- Development of Action plan for the period 2015-2030 with technology selection per area, specific programs for rural electrification and detailed investment projects.
- Identification of potential funding sources, proposition of strategy for fund raising and development of communication materials
- Development of tools to support program implementation
- Capacity Building

ROLES OF INSTITUTIONS IN THE DEVELOMENT OF THE RESMP

INSTITUTIONS	ROLES
RREA	Supervision and Coordination
MLME	Sector Ministry responsible for Policy oversight and guidance
LEC	Historical and current data on power generation, transmission and distribution
LISGIS	Conducted field survey, data collection and GIS mapping of load centers and energy resources in the 15 counties of Liberia and provided GIS capacity building training for RREA staff
Other sectorial ministries/agencies	Provided relevant information
Private Sector, e. g. Commercial Banks, IPPs	Business Opportunities
Civil Society and NGOs	Consultation and Sensitization of stakeholders especially the consuming the public
Consultants - GESTO Energy, others	Provided technical assistance/ various studies, analysis and compilation of the RESMP and develop a Rural Energy Strategy and Master Plan for Liberia 2015-2030

GENERAL METHODOLOGY/APPROACH

Diagnosis → Analysis → Decision making & Vision building → Planning

Local action
Inception mission

Beliefs Audit

And High Level Meetings and validation workshop

Capacity building

Data Gathering

Economic review
- Economic review
- Top-Down demand
- Willingness to pay
- Scenario economics

Network expansion
- GIS database
- Bottom up demand
- Network expansion
- Network planning

Resource Assessment
- Fuel availability and cost
- Solar resource mapping
- Hydro resource and mini-hydro

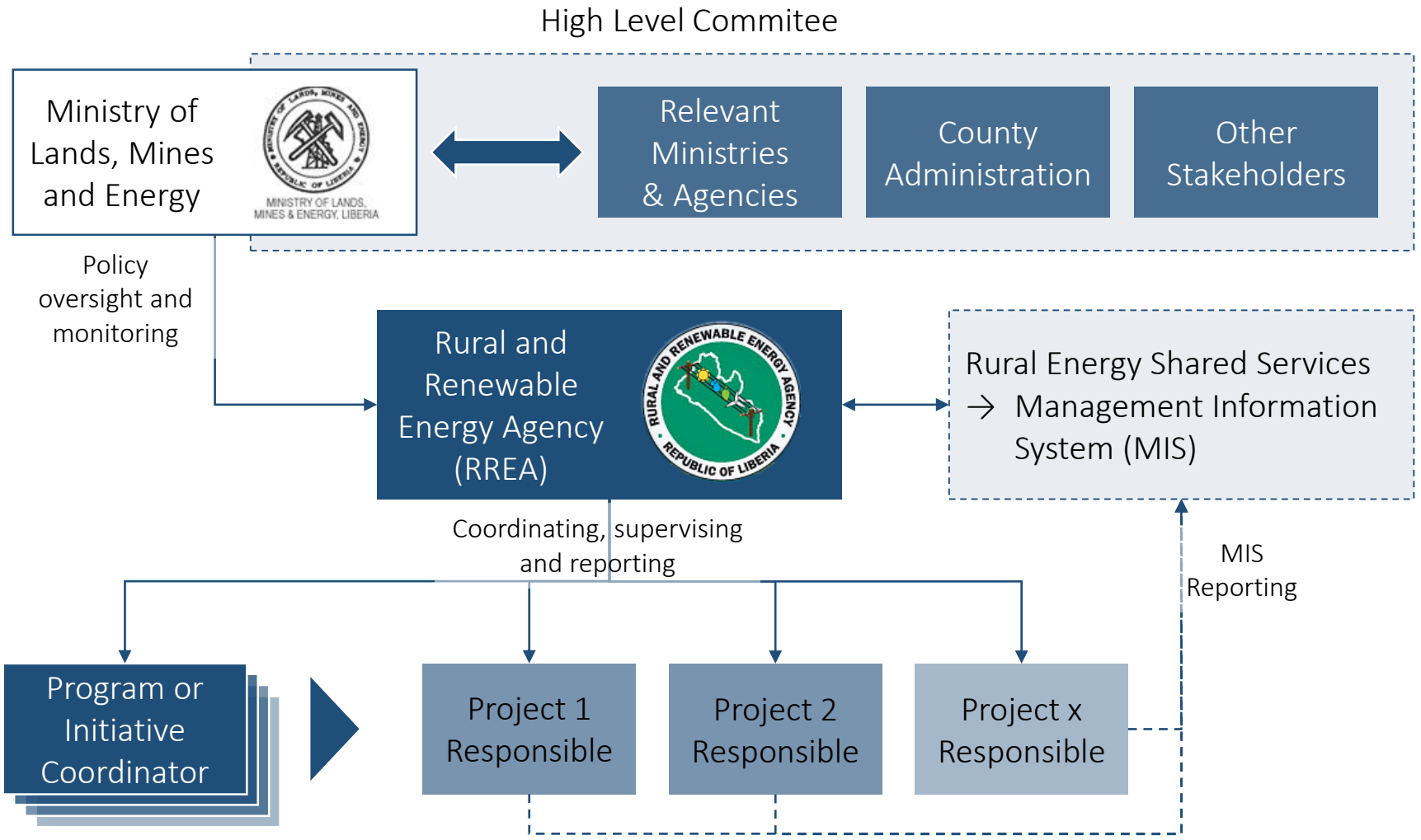
Scenarios & Decision Making

Rural Energy Strategy and Master Plan

- Strategy
- Action plan & Budget
- Communication

COORDINATION, MONITORING AND COMMUNICATION

RREA will be in charge of coordinating, supervising and reporting progress of the implementation of the RESMP



Coordination Structure

CHALLENGES

- **OUTBREAK OF THE EBOLA VIRUS IN 2014**
- **EXPIRATION OF THE VALIDITY OF THE BID**
- **LIMITED TECHNICAL CAPACITY IN COUNTRY**
- **BAD ROAD CONDITIONS**

THANK YOU FOR YOUR ATTENTION

Rural and Renewable Energy Agency

Securing modern energy access for all Liberians
www.rrealiberia.org

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