



# **In-Session Workshop on Long Term Climate Finance**

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# 1.0 Background and Introduction

**Environmental Protection Agency of Liberia— responsible for environmental protection and management of the natural resources**

- **United Nations Framework Convention on Climate Change ratified 2002**
- **is the focal agency responsible for climate change activities in Liberia**
- **UNFCCC Focal Point is house in the EPA**
- **2014 – EPA became Green Climate Fund NDA**
- **The EPA is the Green Climate Change National Designated Authority**
- **2008 completed National Adaptation Programme of Action**
- **2013 completed its Initial National Communications**
- **2015 submitted Intended Nationally Determined Contributions**
- **2016 signed the The UN Paris Climate Change Agreement**
- **2017 completed National Climate Change Policy and Response Strategy**



### Figure 1: Political Map of Liberia





## 1.3: National Circumstances

|     |   |                                |
|-----|---|--------------------------------|
| 1.  | GDP Per capita(2016)  | US\$294                        |
| 2.  | Share of the economy by mining and manufacturing industries | 10%                            |
| 3.  | Agriculture Workforce                                       | 70%                            |
| 4.  | Unemployment rate   | 85% of population              |
| 5.  | Employment in informal sector                               | 15% of workforce               |
| 6.  | Live on less than 1USD per day                              | 68% of population              |
| 7.  | Live on less than 0.5 USD(0.50 cents)                       | 52% of population              |
| 8.  | Illiteracy rate   | 85%                            |
| 9.  | Population that have access to health care                  | 10%                            |
| 10. | Urban population that have access to safe drinking water    | 35%                            |
| 11. | Average life expectancy                                     | 48 years                       |
| 12. | Child mortality rate  | 235 per 1000 live births       |
| 13. | Infant mortality rate                                       | 117 per 1000 live births       |
| 14. | Population in Monrovia (capital and largest city)           | 800,000                        |
| 15. | Average Temperature   | 28oC to 32o C                  |
| 16. | Relative humidity   | 90 to 98%(Rain, 85 to 95% Dry) |
| 17. | Average Sunshine  | 7hrs per day                   |





|     |  |   |
|-----|--|---|
| 18. | Cultivate Land   | 10% of arable land                          |
| 19. | Dependent on charcoal and fuel wood for cooking and other domestic energy requirements | 98% percent of population                   |
| 20. | Electricity supply   | Less than 10% of population                 |
| 21. | Total Road Network   | 10,600 km but only 6.4% paved               |
| 22. | Annual Average Rainfall  | 4770 mm along the coast;2080 mm in interior |
| 23. | Total fertility rate   | 6.1(1999/2000 LDHS                          |



## 2.0 Key Climatic Hazards

- Changes in rainfall patterns
- Slight increase in temperature
- Sea level rise
- Tropical Storm

# 3.0 National Adaptation Plan Process

## Objective:

- Strengthening institutional frameworks and coordination for implementation of the NAP Process
- Expansion of the knowledge base for scaling up adaptation
- Building capacity for mainstreaming climate change adaptation into planning processes and systems
- Formulation of financing mechanism for scaling up adaptation(including public, private, national and international)



# 4.0 Institutional Arrangement

## A. Climate Change Secretariat

- Policy Advisory role to deliberate on climate change issues among key policy makers
- Coordinator and Administrative Assistant
- Expert Groups(Adaptation, Mitigation, CDM)

# Inst. Arrangement Contd.

Environmental Protection Agency of Liberia

– To protect the environmental integrity of Liberia.

- The focal agency responsible for climate change activities.
- The EPA serves as the UNFCCC Focal Point, CDM Focal Point and the NDA for Green Climate Fund and Adaptation Fund

# NAP Priority Areas

- Coastal
- Agriculture
- Fisheries
- Energy
- Waste Management
- Forestry and
- Health

# 5.0 Mobilizing Climate Finance

- EPA is the NDA for Green Climate Fund
- UNDP is the Multilateral Implementing Entity
- GCF Readiness Support – US\$300,000.00
- NAP Support –US\$2. 3 Million
- Liberia Bank for Development and Investment(LBDI) nominated to be the national entity for direct access

# 6.0 Challenges

- Inadequacy of professionals with technical expertise on climate change issues and to develop proposals for funding
- Inadequate infrastructures for data collection
- Data Gaps
- Meeting the fiduciary requirements for the accreditation of LBDI by the GCF
- Limited budgetary funding to support climate change initiatives
- Need to develop Master of Science Degree programme at the University of Liberia
- Mainstreaming climate change in the national development agenda

# 7.0 Conclusion

- Liberia is vulnerable to climate change due to high rate of poverty, poor infrastructures, inadequate trained human resources and national budgetary support
- It is a serious and on-going threat to Liberia's Pro Poor Agenda. It is also a threat to national sustainable development, peace, security and stability.
- International Climate Finance Mechanism such as the Green Climate Fund provides a unique opportunity to address the adaptation needs at the national level.
- Existing national frameworks must be adequately supported in developing and implementing policies, programs and activities in ensuring the resiliency of the country against climate change.





