



United Nations Development Programme

Country: Liberia

PROJECT DOCUMENT

Project Title: Strengthening Liberia's capability to provide climate information and services to enhance climate resilient development and adaptation to climate change.

UNDAF Outcome(s):

Outcome 2.1: Natural Resource and Food Security: Improved sustainable natural resource utilization and food security.

Expected CP Outcome(s):

Output 2.1.4) Utilization of Natural Resources (land, water and forest) improved; and Output 4.4.4) By 2016, National Disaster Risk Reduction (DRR) policy implemented and supported by a commission/agency with clearly defined mandates.

Executing Entity/Implementing Partner:

Environmental Protection Agency (EPA).

Implementing Entity/Responsible Partners:

Ministry of Transport (MoT) Meteorology Department; Ministry of Lands, Mines and Energy (MLME) Hydrological Services; Ministry of Internal Affairs (MIA) National Disaster Relief Commission (NDRC); Ministry of Agriculture (MoA); Liberia Maritime Authority (LMA); National Ports Authority (NPA); Ministry of Health (MoH) and Ministry of Planning and Economic Affairs (MoPEA).

Brief Description

Fourteen years of civil war and decades of low investment in infrastructure have severely disrupted the meteorological and hydrological services in Liberia. This has resulted in a limited capacity to monitor, forecast, archive, analyse and communicate meteorological and hydrological data and climate change information. As a result of the limited knowledge of current climate variability in Liberia, there is a lack of planning for future climate change impacts. These changes will have a particularly negative impact on rural Liberian communities, the majority of whom are small-scale farmers and are highly dependent on natural resource-based livelihoods. To increase Liberia's capacity to adapt to the impacts of climate change, it will be necessary to generate appropriate climate information to monitor and predict slow-onset climate hazards such as sea level rise and increased temperatures, as well as rapid-onset hazards such as coastal surges and river floods, including flash-floods. This information needs to be disseminated to end-users through an Early Warning System (EWS).

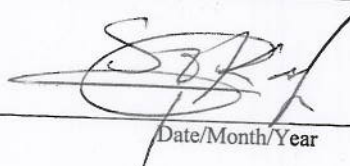
To realise the long-term development planning benefits of a streamlined, customized and consolidated EWS informed by accurate climate information, this Least Developed Country Fund (LDCF)-financed project will take a two-pronged approach by: i) extending the geographic distribution of meteorological monitoring stations at a national level; and ii) establishing communication channels for the dissemination of climate information and early warnings, which will be tested in 2 target districts. The following three outcomes will be delivered through this Government of Liberia (GoL) led initiative:

- Increased capacity of hydro-meteorological services and associated networks to monitor and predict extreme weather, climate-related hazards and climate trends.
- Efficient and effective use of tailored climate, environmental and socio-economic data to produce appropriate information which can be communicated to government entities and communities to enable informed decision-making; and
- Increased awareness in government, private sector and local communities of the major risks associated with climate change, and use of available information when formulating development policies and strategies.

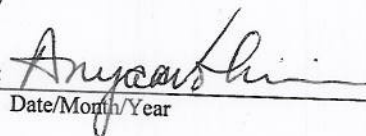
To achieve these outcomes LDCF financing will be used to overcome key barriers including: i) inadequate network of weather monitoring infrastructure; ii) limited knowledge and capacity to effectively predict future climate events; iii) limited co-ordination of hydro-meteorology activities; iv) no systematic forecasting of climate hazards and analysis of risks meaning no timely dissemination of warnings and climate information; and v) no environmental databases for assessing the risks posed by climate variability and change. This LDCF-financed project, which builds on several ongoing baseline development initiatives, will be implemented by the Environmental Protection Agency (EPA), in collaboration with the Ministry of Transport (MoT), and is expected to be completed by the third quarter of 2017.

Programme Period:	2013-2017	Total resources required:	US\$ 18,589,700
Atlas Award ID:	00074351	Total allocated resources:	US\$ 18,589,700
Project ID:	00086796	• Regular (GEF/LDCF)	US\$ 6,070,000
PIMS #	4858	• Other:	
Start date:	September 2013	o Government	US\$ 5,965,428
End Date	September 2017	o Other	US\$ 5,694,272
Management Arrangements	NIM	o UNDP (Cash)	US\$ 200,000
PAC Meeting Date	7 August 2013		

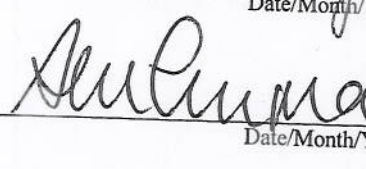
Agreed by (Government):

 10/07/2013
Date/Month/Year

Agreed by (Executing Entity/Implementing Partner):

 07/10/13
Date/Month/Year

Agreed by (UNDP):

 07/10/13
Date/Month/Year