

Capacity Building Workshop

CDM Standardized Baselines: opportunities to experience simplified tools for MRV

August 29-30, 2017, Golden Key Hotel

Background

Standardized baselines (SB) have been introduced in 2010 to simplify the determination of baseline for estimating mitigation outcomes in terms of Greenhouse Gas (GHG) emission reduction in Clean Development Mechanisms (CDM) project activities and Programmes of Activities (PoA), with the aim to reduce transaction costs for project developers.

Since their introduction SBs have facilitated the determination of baseline GHG emissions in key economic sectors that require intensive processes for data collection, processing, compilation and reporting, providing thereby reliable information to be fed into national Measuring Reporting and Verification (MRV) requirements established under the UNFCCC and the Paris Agreement.

An overview of the intergovernmental process on climate change and the most important results for MRV highlights that MRV systems at the national level should encompass at least the following key elements:

- Calculation of GHG emission and their reference levels at a national level;
- Tracking of emission reductions in mitigation actions for inclusion in a registry system and assurance of results through a national verification system;
- Tracking of support required and received for inclusion in the registry system and assurance of results through a national verification system;
- Inclusion of all results in international reporting, such as the National Communications, international registries, information hubs as well as associated review processes.

Against this background, the development of SBs may represent a propedeutic exercise towards the establishment and/or the strengthening of national MRV systems in specific sectors. In fact, significant synergies are possible between SB development and the establishment of MRV system, at both institutional and technical levels.

SB development offers opportunities to develop expertise on: i) the establishment of effective and sustainable MRV arrangements between relevant actors in a specific sector; ii) the definition of data delivery protocols to guide data providers with a regular collection and reporting of quality data; and iii) the enhancement of local knowledge on how to aggregate Tier 2 and Tier 3 data of the MRV system, which is also required for the compilation of national GHG emission reports. Furthermore, GHG baselines set by means of SB development may also serve for innovative climate financing instruments and be used for wider mitigation activities such as Nationally Appropriate Mitigation Actions and climate actions planned under Nationally Determined Contributions (NDC).

Objectives and expected results

The capacity building workshop is designed to prepare the ground for a development and submission of standardized baselines for Liberia particularly in the energy sector, and to provide advice and guidance on:

- Methodological and procedural aspects of the development of CDM standardized baselines in the energy sector;
- The MRV concept and the reporting requirements under the UNFCCC and the Paris Agreement;

- The setting up of solid and sustainable institutional arrangements for MRV;
- The elements for road-testing processes for data collection, processing, compilation and reporting in specific sectors, as component of a broader national MRV system.

The workshop will seek to accomplish the following results and outputs:

- The international MRV framework and related provisions in the Paris Agreement as well as latest developments are better understood, including the integration between National Communications (NCs), Biennial Update Reports (BURs) and Nationally Determined Contributions (NDCs);
- The challenges and barriers for establishing/improving a national MRV system in Liberia are identified;
- A mapping of national entities in charge of data management in the energy sector, including – where applicable – name of focal points is drafted;
- Protocols for data collection, processing, compilation and reporting are reviewed;
- A Workplan for the development of the SBs in the energy sector, including a clear distribution of roles and responsibilities is elaborated.

Participants

The workshop is tailored for [50] participants from relevant ministries and organization that have a potential role to play in the establishment of the national MRV system in Liberia.

Time and venue

The workshop will take place on **August 29-30, 2017**

Organisers

The workshop is organised by the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE), The Environment Protection Agency of Liberia, the UNDP/UNEP Global Support Programme (GSP) and the Regional Collaboration Centre (RCC) of Lome.

The workshop is organised in the framework of the ECREEE Climate Change Programme (ECCP) www.ecreee.org and the West Africa South-South Collaboration Network on MRV established under the UNDP/UNEP Global Support Programme (www.un-gsp.org).

DRAFT AGENDA
DAY- 29TH AUGUST 2017
8:30 Registration

SESSION 1: Opening and workshop objectives
9:00 – 9:30 **Welcome** (5 min)

- *Urias S. Goll*, DED EPA Liberia

Opening remarks (5 min each)

- *Anyaa Vohiri* ED/CEO EPA Liberia
- *Chunyu Liang*, UNFCCC Regional Collaboration Centre of Lomé
- *Adeola Adebisi*, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)

Workshop objectives (5 min) Liberia Representative

Group photo
SESSION 2: Setting the scene

An overview of: i) mitigation provisions under the Paris Agreement and targets of Liberia's; ii) reporting requirements under the UNFCCC and the Paris Agreement; and iii) main elements and benefits of a MRV system

9:30 – 10:30 **Mitigation targets and actions under Liberia's NDC** (15 min)

- *E. Abraham Tumbey, Jr.* NDC-Lead

Reporting requirements under the UNFCCC and the Paris Agreement (15 min)

- *Chunyu Liang*, UNFCCC Regional Collaboration Centre of Lomé

Q&A session
10:30-11:00 Coffee/Tea Break

SESSION 3: Key elements for a national MRV system

this session will elaborate on the key elements for the MRV framework, looking particularly at the case of Liberia with the view to identifying challenges, barriers and possible solutions

11:00 – 13:00 **Introduction to MRV: concept, benefits, key aspects** (20 min)

- *Chunyu Liang*, UNFCCC Regional Collaboration Centre of Lomé

Elements of an Institutional framework for MRV (20 min)

- *Adeola Adebisi*, ECREEE

MRV for GHG emissions - A country experience (20 min)

- Institutional framework for MRV – A country experience, Senegal

REDD+ MRV system - A country experience (Liberia) (20 min)

- *Borwen Sayon*, Deputy Managing Director for Operations (Forestry Development Authority)

Q&A session
13:00 – 14:00 Lunch

SESSION 4: Challenges and barriers for establishing a national MRV system in Liberia

Taking stock of the discussions undertaken in the first half of the day, this sessions will aim at fostering an interactive discussion among the participants to identify the challenges and barriers faced in the establishment of an MRV system in Liberia.

14:00 – 15:30 Group discussions on challenges and barriers for development and/or establishment of national MRV system in Liberia
Moderators:

- Chunyu Liang, UNFCCC Regional Collaboration Centre of Lome
- Adeola Adebisi, ECREEE

15:30 – 16:00 Coffee/Tea Break

SESSION 5: **Possible solutions to identified barriers for establishing a national MRV system in Liberia**
Following group discussions on challenges and barriers, participants will try and identify possible solutions also based on experiences from region.

16:00 – 17:30 Group discussions on possible solutions to challenges and barriers identified in the previous session
Moderators:

- Adeola Adebisi, ECREEE
- Chunyu Liang, UNFCCC Regional Collaboration Centre of Lome

DAY 2 – 30TH AUGUST 2017

SESSION 6 **Introduction to Standardized Baselines as tool for MRV**
This session will introduce the concept of standardized baselines, the procedures for its development, the roles of the different stakeholders and potential sectors where it can developed. The session will also touch on possible support available for SB development.

09:00 – 10:30

Overview of SBs - concept, benefits, key facts (20 min)

SB regulatory framework and development procedures (20 min)

Potential for SBs development in Liberia (20 min)

- Chunyu Liang, UNFCCC Regional Collaboration Centre of Lome

CDM Project Developer - case study tbd

- Private sector

Q&A session

10:30 – 11:00 Coffee/Tea Break

SESSION 7 **Development of a standardized baseline for the electricity system of Liberia**
This session will aim at presenting and discussing with key stakeholders, methodological and data collection requirements for the development of SB in the sector of Energy

11:00 – 12:30

Overview of Liberia power sector (20 min)

- [Matthew F. Konai (Assit Planning manager/Environment and climate Change, Liberia Electricity Corporation)

Methodological tool and data for the development of a SB for the emission factor of Liberia's electricity system (20 min)

Available data for the calculation of the emission factor for Liberia electricity system (10 min)

- Chunyu Liang, UNFCCC Regional Collaboration Centre of Lome

Q&A session

12:30 – 14:00 Lunch break

SESSION 8	<p>Discussions around the institutional arrangements for regular calculation of the Grid Emission Factor for Liberia <i>Using the case of the development of a standardized Grid Emission Fator for Liberias electricity system, participants will identify the main components and arrangements enabling a regular data collection and reporting</i></p>
14:00 – 16:00	<p><u>Group discussions on the main components for institutional arrangements enabling a regular data collection and reporting sector in Sierra Leone, including but not limited to: mapping of stakeholders involved; identification of central coordinator; methodological approaches for data collection and reporting; raising awareness to responsible entities.</u></p> <p><u>Moderators:</u></p> <ul style="list-style-type: none"> - Chunyu Liang, UNFCCC Regional Collaboration Centre of Lome - Adeola Adebisi, ECREEE - [name of moderator]
16:00 – 16:30	Coffee break
SESSION 9	<p>Wrap up and closing</p> <p><i>Participants will discuss a series of actions to be undertaken as a way forward to the workshop, including a roadmap for the development of a standardized baseline in the power sector in Liberia</i></p>
16:30 – 17:30	<p>Presentation of the outcomes from the working groups</p> <ul style="list-style-type: none"> - [Group rapporteurs] <p>Workplan for the development of standardized baselines in energy sector in Liberia</p> <ul style="list-style-type: none"> - Adeola Adebisi, ECREEE <p>Closing remarks</p> <ul style="list-style-type: none"> - ECREEE/RCC - [EPA-Liberia]