GGGI MRV Program

A programmatic approach to setting up MRV systems in Countries

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GGGI’s MRV Program: An introduction

Launched in March 2017 upon request from the Member and Partner countries for support to enhance transparency in tracking greenhouse gas emissions and climate efforts towards NDC implementation under the Paris Agreement.
Support across all MRV steps

Designed to provide technical support on GHG MRV establishment and strengthening the MRV capacities.

**PLANNING**
- MRV scheme design
- Identification of key legislation
- MRV team set-up
- Evaluate mitigation policies
- Review of GHG data inventory
- Identify and engage key stakeholders
- Review climate plan, development plan and institutional arrangements

**IMPLEMENTATION**
- GHG data reporting and MRV guidelines
- Data reporting template and tools
- GHG data management plan
- Support legal /institutional establishment
- Develop guidelines for data reporting/MRV
- Develop reporting template and tools
- Establish IT based platform

**OPERATION**
- QA and QC guidelines
- Policy recommendations for bankable mitigation projects
- Capacity building and knowledge transfer
- Provide technical support for MRV implementation
- Support updating policies and regulations, policy targets
- Support national reporting to UNFCCC
GGGI’s MRV Program Countries

1. **National level**
   - Mongolia, Lao PDR, Myanmar, Uganda

2. **Sector level**
   - Ethiopia, Indonesia, Thailand

3. **Knowledge sharing & Improving existing MRV**
   - Colombia, Mexico, Peru
GGGI is collaborating with the Municipal Government of Ulaanbaatar City to establish a city-level MRV and capture its level of contribution to the national NDCs.

Lessons learned from the city MRV set-up will lead to the implications for potentially setting up a national MRV scheme for NDC implementation; replication/scale-up.

### Key Activities

- Data collection / gap analysis to identify and assess data gap solutions
- Develop TACCC in key categories
- Define institutional, legal, procedural arrangement
- Define QA/QC methods and procedure
- Decide data reporting and archiving platform

### Expected Outcomes

- Feed into and inform green investment plans and policies based on a clear understanding of priorities and scale of resources required
- Provide overview of international support flows
- Enhance access to green finance as it promotes transparency to bring about certainty and clarity for potential climate investors with information which becomes available
- Contribute to capacity building

1 National Level - Mongolia
1 National Level

Uganda
- Climate Change Department (CCD) under the Ministry of Water and Environment (MWE)
- Support country in strengthening technical and institutional capacities for the establishment of a national MRV system

Myanmar
- Ministry of Natural Resources and Environment (MNRE)
- Streamlining its disjointed efforts starting with a solid GHG registry
- Integrated national MRV system in place

Lao PDR
- Department of Climate Change of the Ministry of Natural Resources and Environment (MoNRE)
- Support the establishment of a national MRV system
National Level

**Key Activities**

- Provide technical guidance for GHG data collection, measurement and verification for emission resources
- Conduct rapid assessment (Data gap analysis, key category analysis)
- Develop a national MRV Action Plan by defining MRV coverage, TACCC in key categories, institutional arrangements, QA / QC methods, data reporting, archiving platform, and validation
- Design and launch capacity building modules to set up a national MRV system

**Expected Outcomes**

- Develop a master plan for the establishment of a national MRV scheme
- Enhance the functionality of the ministries in charge of the MRV process
- Strengthen local capacity and institutional framework on MRV system management
- Better explore cooperative market and non-market approaches to achieve NDCs with use of Internationally Transferred Mitigation Outcomes (ITMO)
- Enhance transparency of emission information to report on progress
- Enable to mobilize resources for NDC implementation
- Support the preparation of the National Communications and Biennial Update Report
2 Sector Level

**Ethiopia**
- Ministry of Environment, Forest and Climate Change (MEFCC) and the Ministry of Finance and Economic Cooperation (MoFEC) of Ethiopia
- To support capacity building at all stakeholder levels, to operate and manage the national MRV system which is already established

**Indonesia**
- Ministry of Environmental and Forestry – Director General of Climate Change; the Provincial Government of East Kalimantan and Central Kalimantan,
- To develop a subnational MRV guideline/plan in sync with the national MRV scheme for implementation

**Thailand**
- Thailand has already set up MRV for both national and sub-national levels
- Collaborating with National Climate Change Committee of Thailand,
- To develop sector-specific MRV guidelines based on the national MRV scheme
## 2 Sector Level

### Key Activities

- Finalize the baseline information of the sectors and regions
- Develop sector-specific MRV guidelines with intensive training and knowledge sharing
- Capacity building for the sectors
- Provide relevant guidance of experts on data collection, analysis, verification, and reporting

### Expected Outcomes

- Develop MRV framework and tools in place across sectors and region
- Build Institutional arrangements and human capacity
- Improve accuracy of the data coming from potential double accounting and absence of a common methodology
- Facilitate more rigorous measurement and verification methods for sectors
3 Knowledge Sharing & Improving Existing MRV

- Setting up a “Latin America Knowledge Sharing Hub” in Mexico
- Initiate and sustain knowledge exchange for potential regional MRV scheme
- Identify common and/or joint mitigation actions with climate financing options

- Colombia
- Mexico
- Peru

Promote a comprehensive knowledge sharing on the already existing MRV schemes of the respective countries

Initiate regional discussions to replicate the findings to other countries in Latin America

Generate knowledge products to capture the best practices, experiences and lessons learned

Tap into climate financing mechanisms with transparency & accountability
Thank You

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