

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.**

Assessment

- Data gap analysis
- Key category analysis
- MRV status review

MRV set-up

- Develop TACCC
- Quantification methods, tiers and toolkits

Improve Existing MRV

- Knowledge sharing
- Capacity building/training

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



National level
Mongolia, Lao PDR,
Myanmar, Uganda



Sector level
Ethiopia, Indonesia
Thailand



**Knowledge sharing &
Improving existing
MRV**
Colombia, Mexico, Peru



1 National Level - Mongolia



- 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



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

1 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



Colombia



Mexico



Peru

- 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



Thank You

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