

The Myanmar Mission Report



PaSTI- JAIF phase 1 project on development of facility/company level measurement, reporting and verification (MRV) to support carbon pricing in ASEAN member states (AMS)

01. Project Description

Project Type	<p>Development and implementation of facility/company level Monitoring, Reporting and Verification (MRV) systems for Greenhouse Gas (GHG) emissions in ASEAN Member States (AMS)</p> <p>Objective of this assignment under Phase I of the project is to provide technical assistance for the development of a pilot project plan and preparation of a road map for regional facility level measurement and reporting guideline.</p>
Objectives of the mission	<ul style="list-style-type: none"> • To collect and validate the information on facility level GHG measurement and reporting (M&R) • To identify the priority sector to develop regional facility level M&R guideline for ASEAN.
Locations	<p>Ministry of Natural Resources and Environmental Conservation</p> <p>Ministry of Electricity and Energy</p> <p>Ministry of Planning, Finance and Industry</p> <p>Nay Pyi Taw City Development Committee</p>
Dates	<p>16th -17th January 2020</p>

02. Participating Organizations

- Environmental Conservation Department
- Department of Power Transmission and System Control
- Department of Electric Power Planning
- Directorate of Industrial Collaboration, Ministry of Planning, Finance and Industry
- Nay Pyi Taw City Development Committee

03. Participants

(Omitted)

04. Matters Discussed with Environment Conservation Department

Agenda Item	Matters Discussed	Remarks
1.	Objective of the missions	<ul style="list-style-type: none"> • To explore the experience of facility level M&R guideline in state and non-state levels • To identify the legal and institutional gaps; and • to identify a sector to develop facility level M&R guideline
2.	Legal status for facility level M&R in the Myanmar	<p>Myanmar currently does not have any legislations to mandate the measurement and reporting (M&R) at facility level.</p> <p>There is a decision by central committee to collaborate with MONREC to prepare the SNC.</p>
3.	Existing and proposed facility level M&R system	<ol style="list-style-type: none"> 1. Preparation of the Second National Communication is in progress. <p>Some of the M&R components have being followed to prepare the SNC</p> <ol style="list-style-type: none"> 2. CBIT proposal by UNEP covers MRV of emissions – GHG inventory and MRV of actions – NDC including all the sectors 3. Assessment and recommendations for establishing sectoral MRV systems for the Energy sector is prepared by GGGI 4. Myanmar has experience with seven (7) JCM projects mainly covering energy efficiency in industries, and one (1) CDM project.
4.	Preferred sectors for developing regional facility level M&R guideline	<p>Petro Chemical Production (Oil & Gas)</p> <p>Cement Industry</p> <p>Iron & Steel</p>
5.	Capacity building	Capacity building might be required on Climate Change and its impacts, and MRV of GHG.

05. Matters Discussed with Industrial Corporation

Agenda Item	Matters Discussed	Remarks
1.	Objective of the missions	<ul style="list-style-type: none"> To explore the experience of facility level M&R guideline in state and non-state levels; To identify the legal gaps; and To identify a sector to develop facility level M&R guideline
2.	Legal status for facility level M&R in the Myanmar	Drafting of policy and legislation to streamline the measuring and reporting of energy efficiency is in progress.
3.	Existing and proposed facility level M&R system	<ol style="list-style-type: none"> Currently a policy on energy conservation is being drafted. Once it is implemented, measuring and reporting of energy consumption will be carried out. Currently, textile industries measure and report the energy consumption for their internal purposes.
4.	Preferred sectors for developing regional facility level M&R guideline	Fertilizer Cement Pharmaceuticals Waste and waste treatment in chemical industry
5.	Capacity building	Training programmes are in place to train the energy managers on energy efficiency.

06. Matters Discussed with Naypyidaw committee

Agenda Item	Matters Discussed	Remarks
1	Objective of the missions	<ul style="list-style-type: none"> To explore the experience of facility level M&R guideline in state and non-state levels; To identify the legal gaps; and To identify a sector to develop facility level M&R guideline
2	Legal status for facility level M&R in the Myanmar	Currently, Myanmar does not have any legislations to mandate the measurement and reporting (M&R) at facility level.
3	Preferred sectors for developing regional facility level M&R guideline	Cement Waste
4	Capacity building	Awareness programmes and trainings required on MRV, GHG emissions are to be conducted by ECD and international organizations

07. Additional information collected

Based on the experience of data collection process of the SNC, it can be concluded that most of the data required for the transparency mechanisms are available with the respective agencies. However, these data can't be properly communicated due to the lack of coordination within and among the agencies.

Even though there are no systematically established facility level MRV systems, some institutions already collect energy related data either through own staff or outsourcing.

According to the opinions of local experts consulted during the mission, it is unlikely that private organizations operated by local firms would have any experience with facility level MRV systems. However, it is more likely that international organizations based on Myanmar do have experience regarding facility level MRV systems.

Currently ECD works on nine projects which represent both mitigation and adaptation of climate change. However, those projects do not include MRV components

1. MCCA phase II – adaptation and capacity building for regional activities
2. TNA UNEP DTU

3. National Communication
4. Finalizing the PIP of the BUR
5. NDC revision, supported by UNEP DTU (consultant), WWF (energy and forestry), UNDP and GGGI
6. Asia region project supported by LDC fund (Myanmar, Bhutan, Laos, Cambodia) & UNEP, ECD, UN-Habitat – Eco System Based Approach
7. CTCN supported by Danish Hydrology department – climate resilient project for water, flood and drought
8. Two ozone projects – phasing out HFC , and HPMP
9. CBIT for GHG inventory data management for all sectors – proposals are being prepared with the support from UNE

08. Future plans

- Analyse the data gathered from each institution and agree on a sector to be prioritized
- Agree on the road map developed for the selected sector/s
- Select few organizations from the prioritized sectors to participate in the piloting phase

09. Actions to be taken

No	Action	Responsible organization/person
1	Share the mission report to ECD	OECC