

The Lao-PDR

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)

1. Project Description

Project Type	Development and implementation of facility/company level Monitoring, Reporting and Verification (MRV) systems for Greenhouse Gas (GHG) emissions in ASEAN Member States (AMS)
Objectives of the mission	<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> <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 & Environment</p> <p>Ministry of Industry & Commerce</p> <p>Vientiane Local Government</p>
Dates	30 th -31 st January 2020

2. Participating Organizations

- Ministry of Natural Resources & Environment
- Ministry of Industry & Commerce
- Vientiane Local Government
- Ministry of Energy & Mines

3. Participants

(Omitted)



4. Matters Discussed with Ministry of Natural Resources & Environment

Agenda Item	Matters Discussed	Remarks
1.	Objective of the missions	<ul style="list-style-type: none"> To explore the experiences on facility level M&R guidelines at state and non-state levels
		<ul style="list-style-type: none"> To identify National requirements in developing a facility level M&R guideline
		<ul style="list-style-type: none"> To identify a priority sector to develop facility level M&R guideline
2.	Legal status for facility level M&R in Laos	Laos currently does not have any legislations to mandate the measurement and reporting (M&R) at facility level.
		The Climate Change decree which was published in 2019 does not include any provision to collect data from facilities
3.	Proposed M&R system	1. GGGI supports developing an MRV (National Level) for Energy Sector (Solar project)
		2. Developing an MRV for international Aviation using the guidelines from ICAO
		3. CIBIT supports in capacity building on MRV activities in Laos
		4. An M&R system is under development to collect City level data, with support from UN-Habitat
	Other Projects	1. JICA support for MRV on REDD+
4.	Preferred sub sectors for developing regional facility level M&R guideline	1. Cement
		2. Brewery
		3. Thermal Power Generation
5.	Capacity Building	<ol style="list-style-type: none"> Technical support from international experts for knowledge-transfer Capacity building for Staff members Capacity building at local and facility level

5. Matters Discussed with Ministry of Industry and Commerce

Agenda Item	Matters Discussed	Remarks
1.	Objective of the missions	<ul style="list-style-type: none"> To explore the experience on facility level M&R guideline
		<ul style="list-style-type: none"> To identify national requirements to develop facility level M&R guideline
		<ul style="list-style-type: none"> To identify the priority sector to develop facility level M&R guideline
2.	Legal status for facility level M&R in the Laos	1. There is an agreement between the Ministry and facilities to collect data
3.	Existing M&R system	1. An online system is under development to monitor the air pollution from factories which burn fossil fuel.
4.	Preferred sectors for developing facility level M&R guideline	1. Cement
		2. Steel & Iron
		3. Thermal Power Plants
5.	Capacity Building	<ol style="list-style-type: none"> Technical staff of the ministry need capacity building on how to calculate GHG emissions Support is necessary in selecting the parameters to be included in the existing air quality monitoring system Capacity building is required for the staff on the new template and the guideline

6. Matters Discussed with Vientiane Local Authority

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 at state and non-state levels To identify a sector to develop facility level M&R guideline
3	Legal status for facility level M&R in the Laos	<ul style="list-style-type: none"> There are three key regulations as legal mandates for the organizations Organizations should develop an Environmental Management plan
4	Existing M&R system	<ul style="list-style-type: none"> There is no specific M&R system but the industries should monitor the air quality according to a general list Industries (Ex: High emitters such as steel, brick facilities etc.) are supposed to submit CO₂ emission (These data are not systematically submitted to the Ministry)
4.	Preferred sectors for developing regional facility level M&R guideline	<ol style="list-style-type: none"> Brick Manufacturing Iron & Steel Brewery
5.	Capacity Building	<ol style="list-style-type: none"> Vientiane local authority, facilities and other local authorities need capacity building with some operating manual

7. Matters Discussed with Ministry of Energy & Mines

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 level;
		<ul style="list-style-type: none"> To identify National requirement to develop the facility level M&R guideline
		<ul style="list-style-type: none"> To identify a sector to develop facility level M&R guideline
2	Legal status for facility level M&R	No specific legal mandate is available for the energy and mines sector but there is an environmental standard which the companies should report on.
3	Existing M&R system	Companies report under the Environmental and Social management plan to the Environmental Monitoring Unit
4	Preferred sectors for developing regional facility level M&R guideline	Thermal Power plants
5	Capacity building	Staff members of the Ministry need capacity building

8. Actions to be taken

No	Action	Responsible organization/person	Deadline
1	GGGI Supported energy MRV	MONRE	12.03.2020
2	CIBIT proposal	MONRE	12.03.2020
3	Data Collection Template for the Air pollution	MOIC	12.03.2020
4	Information of the Monitoring System of the Hongsa Power Plant	MOEM	12.03.2020

