

CAPACITY BUILDING ON MEASUREMENT, REPORTING AND VERIFICATION (MRV) OF CLIMATE CHANGE MITIGATION Phase 2

Concept Note

The Republic of the Philippines submitted its Nationally Determined Contribution (NDC) in accordance with Decision 1/CP.21 of the Conference of Parties of the United Nations Framework Convention on Climate Change (UNFCCC) on April 15, 2021. The NDC recognizes the private sector as the country's main engine of economic growth and transformation, and promotes its full engagement in climate change adaptation and mitigation efforts.

Since 2020, the Environmental Management Bureau (EMB) of the Department of Environment and Natural Resources (DENR) in collaboration with the Overseas Environmental Cooperation Center (OECC), Japan and the Ministry of the Environment, Japan (MOEJ) is developing the Measurement, Reporting and Verification (MRV) system for NDC mitigation measures in the Waste and Industrial Processes and Product Use (IPPU) sectors, through support being provided by the Partnership to Strengthen Transparency for co-Innovation (PaSTI) in order to track progress towards achievement of goals set in the NDC and to highlight mitigation efforts made by the private sector.

Climate transparency is important not only for the government, who has the obligation to report under the Enhanced Transparency Framework (ETF) for action and support, adopted under the Paris Agreement in December 2015 which established universal, flexible, and harmonized measurement, reporting, and verification (MRV) provisions for climate change mitigation and adaptation, but should be important also for the private sector. Taking climate transparency action is an opportunity for business growth by rebuilding into more efficient business processes and has impacts in society resulting in increased corporate value.

With the target of conducting a pilot project in 2022 with potential incentive mechanisms for participating private sector representatives, this year's workshop series will focus on capacity building of key stakeholders/major players to introduce improvements in the existing measuring and reporting systems and to obtain a clear understanding of the importance of MRV derived from climate actions, as well as clarity in the progress made towards achieving the country's NDCs.

Objectives of the Program

The program aims at building capacities of the EMB and its partners, as well as other key stakeholders on the **MRV process system** that includes appropriate modalities, procedures, and guidelines pertaining to climate change mitigation. Specifically, the objectives are:

- 1) To conduct capacity building activities for stakeholders
- 2) To develop incentive mechanisms for private sector engagement
- 3) To prepare sector-specific (IPPU and Waste) MRV guidelines for implementation
- 4) To establish a data management system that collects information and monitor GHG emissions
- 5) To develop benchmarks and improve readiness for the potential implementation of carbon pricing instruments.

Proposed Capacity Building Activities on MRV

1. MRV 201: How to measure facility level GHG emissions

- The objective of this activity is to introduce private sector participants with specific examples of GHG emission calculations in their respective sectors. Several companies from Japan will be invited to the workshop to demonstrate the calculation method with sample data sets.
- The intended participants are from government agencies (national and local) and the private/business sector. In particular, it shall comprise representatives from the EMB Central Office Divisions/Sections, Climate Change Focal Persons/GHG Inventory Teams from the EMB Regional Offices, as well as partners from the industry associations and business organizations, DENR Offices and some national government agencies.
- Date of the activity is **January 28 2022 at 1:30 – 4 PM (TBD)**

2. Public-Private Sector Dialogue (TBD)

- The objective of this activity is to facilitate the communication between the public and private sector and incorporate ideas from the private sector to the development of the pilot project and potential incentive mechanisms which shall be implemented in 2022.
- The intended participants are representatives from government agencies (national and local) and relevant private/business sectors. In particular, it shall comprise representatives from the EMB Central Office Divisions/Sections, Climate Change Focal Persons/GHG Inventory Teams from the EMB Regional Offices, as well as partners from the industry associations and business organizations, DENR Offices and some national government agencies.
- Proposed date of the activity is **March 3, 2022 (TBD)**

3. Sector-specific Key Informant Interviews

- The objective of this activity is to conduct a rapid training needs assessment for each of the identified sectors of interest namely the cement industry, refrigeration and air conditioning, and wastewater treatment.
- It is suggested that these be conducted prior to the MRV 201 training, so that the contents of each training session consider the level of readiness for GHG emissions reporting as well as address sector-specific needs.
- This can also provide a venue for each sector to share challenges they experience in GHG emissions inventory. To provide a safe space for discussion, these interviews may be conducted by OECC/ Environweave, and meeting notes may be summarized in such a way that feedback and comments are provided anonymously.
- It is also hoped that the closer relationship established during the key informant interviews can facilitate communication of the invitations leading to the MRV 201 and the Public-Private Sector Dialogue.

- The intended participants are 3-5 key informants from industry associations of the identified sectors of interest.
- Proposed date of the key informant interviews would be **February xx 2022**
- Invitation letters to sector-specific key informants may be sent out with guide questions/ discussion points prior to the interviews.

1. MRV 201: How to measure facility level GHG emissions January xx 2022

Agenda

Time (UTC+8)	Activity	Proposed Resource Person/s
13:15 – 13:30	Registration Please fill out Attendance Sheet via _____	
13:30 – 13:35	Housekeeping Rules for the Use of Microsoft Teams	
Session 1: Opening		
13:35 – 13:45	Opening Remarks	DENR / MOEJ
13:45 – 13:50	Objectives of the Workshop	DENR-EMB
13:50 – 13:55	Introduction of Participants	DENR-EMB
Session 2: Work Plan 2021-2022		
13:55 – 14:30 Total 35 min	Overview of the PH's NDC measures for IPPU and Waste sector (15 min)	DENR
	Overview of the work plan for the design of pilot projects (10 min)	OECC
	Q&A (10 min)	
Session 3: Specific examples on GHG emission calculation		
14:30 – 16:10 Total 100 min	Sharing experiences –GHG emission calculations with sample data sets Q&A (30 min)	Taiheiyo Cement (TBC) JFE Engineering (TBC) Holcim Philippines (TBC) (max of 70min total)
Session 4: Closing		
16:10 – 16:25	Wrap up of the PaSTI WS Next steps for the pilot project development	DENR / OECC
16:25 – 16:30	Way Forward and Closing Remarks	DENR-EMB