

Department of Climate Change, Ministry of Natural Resources and Environment, and Asian Development Bank

# MRV for CTF-Funded Projects in the Energy and Transport Sectors: Linkage to the NDC and Implementation of the Paris Agreement in Viet Nam

5 December 2019 | Thursday | 9–10 a.m.  
MDB Pavilion, IFEMA - Feria de Madrid, Madrid, Spain

Dak Lac Electricity workers on duty (photo by Nguyen Ngoc Bao, Vietnam Electricity Trade Union).

Consultant Team



## INTRODUCTION

Under the United Nations Framework Convention on Climate Change (UNFCCC), Viet Nam is committed to working with the international community to respond to climate change, which is reflected in the range of national policies and specific actions that have been or are being taken to combat climate change. On 30 September 2015, Viet Nam sent their Intended Nationally Determined Contribution (INDC) to the UNFCCC Secretariat. Through the ratification of the Paris Agreement on Climate Change (PA) by the Government in 2016, Viet Nam's INDC has officially become "Nationally Determined Contribution" (NDC). According to Viet Nam's NDC, with domestic resources, by 2030, Viet Nam will reduce greenhouse gas (GHG) emissions by 8% compared to the Business as Usual (BAU) scenario (estimated at 62.65 million tonnes of CO<sub>2</sub> equivalent) and this above-mentioned 8% contribution could be increased to 25% (approximately 197.94 million tonnes of CO<sub>2</sub> equivalent) if international support is received.

Viet Nam is currently in a critical transitional phase to enter into the new Paris regime beyond 2021 where actions will no longer be voluntary in nature as before under the Kyoto Protocol regime. The Ministry of Natural Resources and Environment (MONRE) is presiding over and collaborating with other line ministries to prepare the Government Decree on the Roadmap to Mitigate GHG emissions. In this context, the official promulgation of the Decree is crucial to ensure Viet Nam has a Paris-compliant, legal normative framework guiding the effective implementation of

the mitigation actions and targets pledged internationally under the responsibilities of domestic stakeholders in the context of sustainable development. A key component of this legal normative document is the provision for a Monitoring, Reporting and Verification (MRV) system. The development and issuance of a legal document on National-level MRV Policy for GHG emission reduction envisaged under the Roadmap Decree is deemed necessary.

This legal document will enable MONRE and the line ministries, local authorities, sector agencies and the managers of the facilities that emit GHGs and implement mitigation actions to be equipped with the relevant tools and procedures to conduct the MRV for GHG emissions data and GHG emission reductions for projects and sub/sector-based mitigation actions. In the interview with MONRE, it is mentioned that this legal document is planned to be elaborated in 2020 after the issuance of the Decree.

On 16 December 2015, ADB approved the provision of technical assistance (TA) financed by the Clean Technology Fund (CTF) for Mainstreaming Climate Change Mitigation into National Infrastructure. MONRE is the Executing Agency for this TA. On 25 June 2018, ADB mobilized a consulting firm led by Energy and Environment Consultancy JSC (Viet Nam), in association with Perspectives GmbH (Germany) and South Pole Carbon Asset Management Ltd., (Switzerland), to provide the consulting service under the TA.

The main objective of the TA is to support MONRE in the development and strengthening of an MRV system that ensures that the CTF implementing agencies report results from the on-going and future CTF-funded projects according to the CTF reporting requirements. An additional key objective is to develop transport and energy sector MRV guidelines, and secondly, to enhance and coordinate agencies' institutional and technical capacities.

One of the key challenges of the TA is to design the MRV systems in a way that are able to link to the national/sectoral MRV systems which are not yet developed. Therefore, the linkages and institutional plans proposed in this TA will serve as a pilot to demonstrate how a project-based MRV can be part of the to-be designed national/sectoral systems.



An artist's rendition for a bird's-eye view of the elevated section of the Nhon-Ha Noi Main Station of Ha Noi Metro (image by Ha Noi Metro).

## OBJECTIVES

The side event at COP25 will present the key findings, outcomes, and lessons learned from the CTF-funded TA in Viet Nam. It also aims to share with the international community of climate change specialists the challenges in operationalizing international guidelines in the context of complex institutional structures for CTF projects on the ground. The more specific objectives are as follows:

- Inform about the TA's key findings, outcomes, and lessons learned
- Exchange lessons and experiences in developing project-based and sectoral MRV with linkage to the national MRV under the NDC implementation

## AGENDA

- **Welcome Remarks** (5 minutes)
  - Srinivasan Ancha, Principal Climate Change Specialist and Climate Change Focal for Southeast Asia, ADB
  - Pham Van Tan, Ministry of Natural Resources and Environment, Viet Nam
- **The international approach to monitoring, reporting, and verification of GHG mitigation projects under the CTF and experiences with its application** (10 minutes)  
Representative of CTF/World Bank Group (tbc)
- **Developing an MRV system for CTF public transport and energy efficiency projects in Viet Nam – key lessons learned** (10 minutes)  
Axel Michaelowa, Team Leader
- **The Viet Nam's NDC and its MRV - national level and sectoral approaches** (10 minutes)  
Tran Do Bao Trung, Division for GHG emission and Ozone Layer Protection, Department of Climate Change, MONRE
- **Outlook: steps for future development of MRV in the transport and energy sectors of Viet Nam** (10 minutes)  
Dang T. H. Hanh, Deputy Team Leader
- **Discussion with participants** (10 minutes)  
All participants
- **Closing** (5 minutes)
  - Srinivasan Ancha, Principal Climate Change Specialist and Climate Change Focal for Southeast Asia, ADB
  - Pham Van Tan, Ministry of Natural Resources and Environment, Viet Nam