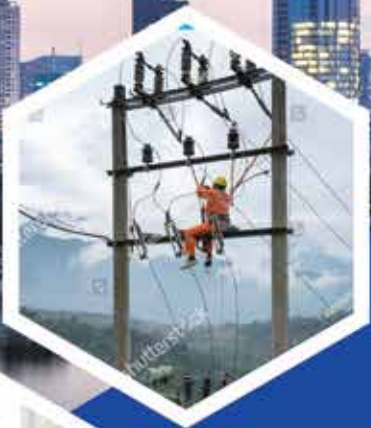




TA-9055 VIE: MAINSTREAMING CLIMATE CHANGE MITIGATION INTO NATIONAL INFRASTRUCTURE - DEVELOPMENT OF MRV FOR CTF-FUNDED PROJECTS



BACKGROUND

To address the country’s growing energy needs while mitigating the effects of climate change, the Government of Viet Nam has developed an investment plan in coordination with the Asian Development Bank (ADB), members of the World Bank Group (WB - IDA, IFC), and key Vietnamese stakeholders, to access funding from the Clean Technology Fund (CTF). This fund targets low carbon investments in the power, transport, and industrial sectors and is expected to mobilise additional financial support and contribute to significant greenhouse gas emissions (GHG) reductions, accelerating Viet Nam’s progress towards its low carbon energy and development objectives.

In order to ensure the success of the final projects financed by the CTF, this project aims to offer **technical assistance to Viet Nam to strengthen its capacity in measuring, reporting, and verifying (MRV) of GHG mitigation actions.**

CTF PROJECTS IN VIET NAM

According to CTF reporting requirements, the following indicators are used for MRV purposes:

- 1 Ha Noi Sustainable Urban Transport Project 1: Ha Noi Metro Rail System Project (Line 3: Nhon – Hanoi Station section) – Additional Financing
- 2 Ha Noi Sustainable Urban Transport Project 2: Strengthening Sustainable Urban Transport for Ha Noi Metro Line 3 Project
- 3 Sustainable Urban Transport for Ho Chi Minh City MRT Line 2 Project
- 4 Distribution Efficiency Project
- 5 Sustainable Energy Finance Program

CTF OUTCOME INDICATOR FRAMEWORK

According to CTF reporting requirements, the following indicators are used for MRV purposes:

Outcome	Indicator
B1) Avoided GHG emissions	t CO ₂ e reduced/avoided
B2) Increased finance for low carbon development mobilized	Volume of direct finance leveraged through CTF funding, disaggregated by public and private finance
B3) Increased supply of renewable energy	Installed capacity (MW)
B4) Increased access to public transport	Number of additional passengers using low-carbon public transport
B5) Increased energy efficiency	Annual energy savings (GWh)

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Technical assistance in brief

Objective

General objective: Support the Implementing Agency and CTF focal point in Viet Nam to effectively implement GHG emission mitigation activities in energy and transport sector.

Specific objective:

- Identify the institutional system and improve the capacity in data and information collection for GHG inventories in energy and transport sectors;
- Identify the institutional system to implement MRV systems for CTF projects and strengthen the capacity to implement MRV for CTF projects in energy and transport sector;
- Strengthen the coordination capacity for CTF focal point in Viet Nam; improve the coordination among stakeholders in the implementation of GHG mitigation measures.



Approach and methodology

Methodological principles:

- Develop aligned MRV based on CTF, national and international requirements
- Focus on national context feasibility
- Ensure consultation and cooperation with national stakeholders
- Work based on strong local presence in Viet Nam
- Build MRV systems following international best-practices
- Ensure the long-term sustainability of the MRV

Key features :

- Develop a close partnership with national stakeholders
- Promote capacity building and training
- Communicate and disseminate knowledge to enable learning
- Strengthen CTF reporting
- Maintain continued support in the development of the MRV system at sectoral and national level
- Develop MRV guidelines



Key outputs

- Output 0 Inception
- Output 1 MRV systems for CTF projects
- Output 2 MRV guidelines for similar projects in transport and energy sector
- Output 3 Agencies' capacities enhancement and coordination
- Project management and reporting



Budget

TCTF fund: US\$ 999,600

Government co-financing: US\$ 25,400

Duration: June 2018 to December 2019

CONTACT

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Sources of the photos:

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Perspective of Metro Line 3, Ha Noi -

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