

# Supporting preparedness for harmonised enhanced transparency framework of the Paris Agreement reporting in ASEAN



## Project duration

**Start date:**  
August 2025

**Expected close date:**  
December 2026



## Lead implementing partner



Ernst & Young  
LLP Singapore



## Consortium partner



EY India LLP, EY Indonesia,  
EY Philippines

## Overview of the initiative

By fostering consistency, accountability and private sector engagement, this project will support AMS in meeting international climate commitments, attracting climate finance and strengthening regional cooperation towards a low-carbon, climate-resilient future.

The project will implement a phased approach to establish the CoE for MRV in AMS, addressing emissions reporting gaps, building institutional capacity and enhancing transparency in line with the ETF, under the Paris Agreement. Building on the Partnership to Strengthen Transparency for Co-Innovations (PaSTI) initiative and the ASEAN guidelines on facility-level GHG measurement and reporting, the project will facilitate alignment with international climate obligations.

Leveraging the MRV systems and methods developed under PaSTI, the project will enhance, standardise and integrate national systems into

a regional framework. A dedicated expert team will support local coordination, while a specialised technical team will deliver targeted training, assessments and policy guidance, creating robust transparent MRV systems and processes for regional emissions tracking and cooperative, data-driven analysis.

A cluster-based model, grouping AMS by MRV maturity into three clusters, will guide implementation, enabling tailored support and peer learning. Six workshops will drive co-design and validation of the programme work, facilitate sectoral consultations, provide technical training and foster knowledge sharing across the region.



### Alignment with ASEAN vision, plan and priorities

The envisioned CoE-MRV supports ASEAN's climate action goals by harmonising MRV frameworks and strengthening institutional capacity. The project aims to:

- Strengthen governance, systems and processes to track net-zero commitments, improve emissions transparency and standardise MRV methodologies (ASEAN Strategy for Carbon Neutrality);
- Enhance GHG inventory systems and climate data comparability to enable AMS to assess, refine and accelerate their climate policies (ASEAN State of Climate Change Report);
- Build integrated energy sector MRV frameworks to support accurate emissions tracking and drive sectoral decarbonisation (ASEAN Plan of Action for Energy Cooperation [APAEC] Phase II, 2021–2025).

This initiative will also enhance regional transparency and cooperation, advancing ASEAN's climate goals and strengthening its global role. It focuses on five key areas:

1. Harmonise MRV Frameworks: establish ETF-aligned methodologies to ensure consistent GHG reporting across AMS, improving transparency, comparability and regulatory coherence;
2. Support Article 6.4\* on reporting preparedness: equip AMS with the technical capacity for accounting and reporting under Article 6.4 of the Paris Agreement, including capacity-building, knowledge-sharing and alignment of MRV structures to meet reporting requirements;
3. Enhance climate finance access: improving MRV credibility and emissions verification to better position AMS to attract international finance for low-carbon projects, supporting ASEAN's green finance agenda;
4. Build capacity and knowledge exchange: provide training, peer learning and best-practice sharing, to equip AMS with the technical expertise needed to strengthen MRV systems, track NDCs and meet international obligations;
5. Strengthen institutional coordination: embed MRV best practices within ASEAN governance structures, in collaboration with the ASEAN Secretariat, ensuring long-term sustainability and policy integration.

This project will be implemented in close partnership with the ASEAN Secretariat under the guidance of ASEAN Working Group on Climate Change.

\*Article 6.4 of the Paris Agreement establishes a global carbon market mechanism called the Paris Agreement Crediting Mechanism (PACM) to help countries meet their climate targets by trading emission reduction and removal credits.

“In a world facing unprecedented climate challenges, this project is essential for ASEAN. It equips us with the tools and knowledge to enhance our climate action, ensuring that our member states can effectively track progress and contribute to a greener, more sustainable future.”

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**Praveen Tekchandani**

ASEAN Climate Change and Sustainability Solutions Leader and Partner, Ernst & Young LLP

“Our project will significantly enhance the quality and transparency of GHG accounting across ASEAN. By aligning our practices with international standards, we will empower member states to effectively track and report their climate progress, enabling them to fully leverage the mechanisms outlined in Articles 6 and 13 of the Paris Agreement. This will facilitate greater cooperation and ambition in our climate actions, ensuring that we not only meet our targets but also contribute to a sustainable and resilient future for the region.”

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**Sunil Yadav**

Associate Partner, Climate Change and Sustainability Services, Ernst & Young LLP

“The envisioned Centre of Excellence for MRV aims to transform the reporting of climate data by ASEAN member states and non-party stakeholders, by conceptualising harmonised systems and technology-enabled processes that support stronger regional cooperation. The framework of the CoE will be strategically designed to support countries across a broad spectrum of institutional capacities and maturity levels. It also presents a scalable model that other regions may adopt and replicate in due course, to enhance their climate governance and reporting frameworks.”

**Amit Kumar**  
Partner, Government and Public Sector – Business Consulting, Ernst & Young LLP, India



**Long-term  
outcomes**

1. Strengthened AMS capacity to implement the ETF and track NDC progress in line with the Modalities, Procedures, and Guidelines (MPGs) under the Paris Agreement, as outlined in the AWGCC Action Plan (2016–2025). This includes enhanced governance structures, processes and system efficiency to effectively respond to Articles 13 and 6.4 of the Paris Agreement.
2. Enhanced regional coordination and knowledge-sharing strengthen AMS capacity to adopt and implement MRV systems effectively.
3. Harmonised MRV systems across AMS strengthen consistency and comparability when reflecting national circumstances.