

JICA Project for Strengthening Capacity Pertaining to National Reporting Obligation to the UNFCCC under the Enhanced Transparency Framework

Noraini S¹., Nurul Adni N. H¹., Kasuya Y²., and Fukuda M².

¹*Ministry of Natural Resources and Environmental Sustainability (NRES), Malaysia*

²*Japan International Cooperation Agency (JICA), Japan*

Abstract

The Paris Agreement, adopted in 2015 under the UNFCCC, established the Enhanced Transparency Framework (ETF) under Article 13. This framework requires all Parties, including developing countries, to submit Biennial Transparency Reports (BTRs) with GHG inventory data, progress on NDCs, and information on finance, technology transfer, and capacity-building. Unlike the previous MRV system, the ETF applies a common set of Modalities, Procedures and Guidelines (MPGs) to all countries, regardless of development status.

Malaysia has actively engaged in climate reporting, submitting four National Communications (NCs), four Biennial Update Reports (BURs), and completing its first BTR in 2024. In preparation for ETF implementation, Malaysia established the National GHG Centre (MyGHG) under the Ministry of Natural Resources and Environmental Sustainability (NRES), serving as the national focal point for transparency. While this institutional progress is notable, further technical and institutional strengthening is needed to meet ETF standards, particularly in areas such as F-gas emissions estimation and data quality assurance.

In response to Malaysia's evolving needs, the NRES and JICA initiated a three-year technical cooperation project starting in October 2024. The project aims to enhance Malaysia's capacity to fulfil its national reporting obligations under the ETF through two main outputs:

Output 1: Strengthened institutional and technical capacity for preparing BTRs and implementing ETF-related activities

Output 2: Improved methodologies and systems for estimating emissions of fluorinated gases (F-gases)

The overall goal is to strengthen Malaysia's ability to produce more accurate, transparent, and consistent reporting in accordance with the Paris Agreement, thereby contributing to effective global climate action. The project also aims to position Malaysia as a regional leader in ETF implementation, supporting broader capacity-building and knowledge sharing within Southeast Asia.

References/ Publications

NRES-JICA Joint Technical Cooperation Project to Tackle Climate Change (JICA Website)

Access to relevant information

https://www.jica.go.jp/english/overseas/malaysia/information/press/2024/1563532_53453.htm

1

https://www.jica.go.jp/english/overseas/malaysia/information/press/2024/1564520_53453.htm

1