



Capacity building workshop to prepare Indonesia's first Biennial Transparency Report

-- Onsite Training --

Date: 19 - 23 August 2024

Timing: 09:00 - 21:00 Jakarta Time

Venue: Double Tree Hotel, Bintaro Jaya, Indonesia

Supported by NC4-BTR1 Project, the Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP) and Ministry of Environment and Forestry, Indonesia

Background

The Enhanced Transparency Framework (ETF) under the Paris Agreement builds on and enhances the existing measurement, reporting and verification (MRV) arrangements under the Convention. With the adoption of the modalities, procedures and guidelines (MPGs) for the ETF and the corresponding common reporting tables, common tabular formats and outlines, developing country Parties are already planning to, and some are already taking first steps to transition to the ETF. These MPGs provide specific details on the information that countries need to report, the format in which this information should be presented, and the process for reviewing the reported information. The agreements were reached by countries at COP24 in 2018 and were finalised at COP26 in 2021.

Greenhouse Gas (GHG) inventories offer valuable insights into the emissions and removals of GHG from various sources and sinks in the different sectors of the economy. Once this information is gathered, it becomes possible to identify suitable mitigation actions or policies, develop baseline scenarios, and formulate projections. Furthermore, countries that are parties to the United Nations Framework Convention on Climate Change (UNFCCC) and also the Paris Agreement must regularly submit their GHG inventories. From 2024 onwards, countries have to submit the Biennial Transparency Report (BTR) and one of the mandatory elements is the national inventory report, including the national GHG inventory document (NID) and common reporting tables.

For preparing and reporting national GHG inventories for the BTR, countries must use the 2006 Intergovernmental Panel on Climate Change (IPCC) 2006 guidelines and the adopted common reporting tables (CRT), as prescribed by the relevant CMA decisions (dec. 18/CMA.1, 5/CMA.3). Having adequate knowledge of the 2006 IPCC Guidelines is crucial for countries to ensure the quality of GHG inventories and meet the TACCC principles (i.e. transparency, accuracy, completeness, consistency and comparability). Furthermore, to improve GHG



inventories over time, countries need to have a deep understanding of the importance of various components involved in the preparation and management of a GHG inventory, such as data collection and management (e.g. archiving), quality assurance and quality control (QA/QC), verification, key category analysis, recalculation and uncertainty assessment, and improvement planning.

Nationally determined contributions (NDCs) are at the heart of the Paris Agreement and the achievement of its long-term goals. NDCs embody efforts by each country to reduce national emissions and adapt to the impacts of climate change. The Paris Agreement requires each Party to prepare, communicate and maintain successive NDCs that it intends to achieve. Parties shall pursue domestic mitigation measures, with the aim of achieving the objectives of such contributions. Tracking NDCs is a requirement under the Paris Agreement's ETF. It requires transparent quantitative and qualitative information on the implementation and achievement of the NDC, including indicators comparing current or projected emissions, and information that helps better understand the NDC target and its impacts.

Objectives and purpose of the training

The primary objectives of this training workshop are to provide participants with a comprehensive understanding of the enhanced transparency framework under the Paris Agreement. The objective of this five-day workshop is to enhance the knowledge and skills of Indonesian stakeholders involved in preparing the first Biennial Transparency Report. The workshop will focus on key aspects of the ETF, including:

- Familiarize participants with the Biennial Transparency Report requirements under the Paris Agreement and its Enhanced Transparency Framework (ETF)
- Guide participants in developing a comprehensive national inventory document and offer practical training on how to effectively employ the common reporting table for reporting.
- Exchange experiences and lessons learned, corresponding to the application of IPCC and UNFCCC tools and systems for reporting inventory data with ETF provisions.
- Completing Common Reporting Tables (CRTs) and Common Tabular Format (CTF)
- Linking NDC tracking with GHG inventory
- Reporting on adaptation actions
- Identifying and reporting on support needed and received

Expected Outcomes

By the end of the workshop, participants are expected to:

- Demonstrate a comprehensive understanding of the ETF and its requirements
- Show proficiency in preparing and using GHG inventories
- Confidently use IPCC inventory software and complete CRTs and CTF
- Understand the linkage between NDC tracking and GHG inventory



- Effectively report on adaptation actions and support needed/received
- Be prepared to contribute significantly to Indonesia's first BTR preparation

Participants

The workshop is designed for stakeholders directly involved in preparing Indonesia's first BTR, who are key ministries' climate change focal points and Inventory/ Mitigation/ Adaptation:

- Government officials from relevant ministries and agencies
- Climate change experts and researchers
- Representatives from academic institutions
- NGO representatives working on climate change issues
- Technical staff responsible for data collection and analysis

Training Agenda

Time	Activity	Speaker
Day 1 - 19/08/2024		
8:00 - 9:00	Arrival and registration of participants	Organisers
Session 1	Opening session and welcoming remarks	MoEF
	Introduction of participants and facilitators	Organizers
	Purpose and Objectives for the next 5 days	MoEF
	Group Photo	Organisers
10:00 - 10:20	Tea/Coffee Break	
Session 2	Mentimeter Exercise	Keltoum Ait Belhaj, UNEP CCC
	Presentation: Introduction to the new requirements for reporting national GHG inventories under the Paris Agreement (MPGs) and associated flexibility provisions. Presentation of contents of the Common Reporting Table (CRT) followed by Q&A session	Jaypalsinh Chauhan, UNEP CCC
	Presentation: BUR and BTR status, plans for preparation of National GHG Inventory for BTR, challenges in preparing GHG Inventory under the ETF (NID/BTR) compared with the MRV (BUR), Institutional Arrangement followed by Q&A session	Ir. Hari Wibowo, Director of IGRK and MPV
12:30 - 14:00	Lunch Break	
Session 3	Uncertainty Assessment (Approach 1 and 2) and Key Category Analysis, Importance of Uncertainty in the Inventory Estimate, Time Series and Recalculation (Implication of change in GWP Values)	Jaypalsinh Chauhan, UNEP CCC
	Quality Assurance/Quality Control and Verification, Archiving Process, Good practices from Developed Countries	Jaypalsinh Chauhan, UNEP CCC
16:00 - 16:20	Tea/Coffee Break	



Session 4	Flexibility Provisions in MPGs and approaches to assess the NE as insignificance sources, Importance of notation keys and Inventory improvement plan	Jaypalsinh Chauhan, UNEP CCC
	Introduction to UNFCCC ETF Reporting Tool. Practical exercise and demonstration. Overview of CRT, example of CRTs from developed countries. TACCC approach in CRTs.	Jaypalsinh Chauhan, UNEP CCC
18:00 - 19:00	Dinner	Organisers
19:00 - 21:00	Discussion and Exercise (Continued)	Organisers
Day 2 - 20/08/2024		
09:00	Starting of Day 2	Organisers
Session 1	Data Management, Approach and Data Collection (What types of data to be collected, format).	Jaypalsinh Chauhan, UNEP CCC
09:40 - 10:00	Tea/Coffee Break	
Session 2	Latest Version of IPCC 2006 Guidelines (Activity Data, Emission Factors and different Tiers)	Lisa Hanle, IPCC TFI (Virtually, 11 PM)
	Applying IPCC software for the estimation of emission for IPPU sector and Waste Sector	Lisa Hanle, IPCC TFI (Virtually)
	Demonstration of IPCC Inventory Software with interoperability with the ETF Reporting Tool	Lisa Hanle, IPCC TFI (Virtually)
12:30 - 14:00	Lunch Break	
Session 3	Applying IPCC software for the estimation of emission for Forestry Sector	Sekai Ngarize, International Expert (Virtually, 9 AM)
15:00 - 15:20	Tea/Coffee Break	
Session 4	What kind of data required when we are moving towards to Tier 1 to Tier 2/Tier 3, Importance of key category in the MPG/ETF	Jaypalsinh Chauhan, UNEP CCC
16:45 - 17:00	Wrap up of Day 2	Organisers
Day 3 - 21/08/2024		
09:00	Starting of Day 3	Organisers
Session 1	Presentation: Understanding Indonesia's NDC commitments	Ir. Emma Rachmawaty, Chairman of the SNDC Drafting Committee
	Presentation: Introduction to the BTR outline and reporting tools, with a focus on NDC tracking	Keltoum Ait Belhaj, UNEP CCC
	Presentation: Definition of NDC indicators, SMART indicators	Keltoum Ait Belhaj, UNEP CCC
10:30 - 10:50	Tea/Coffee Break	
Session 2	Presentation: An overview of the common tabular formats for reporting on the progress in implementing the NDC, including an example of filled common tabular formats	Keltoum Ait Belhaj, UNEP CCC
12:00 - 13:30	Lunch Break	
Session 3	Introduction and Explanation of CTF Tables and Exercise: Filling CTF Tables 1 and 2: Description and	Keltoum Ait Belhaj, UNEP CCC



	Definitions to understand NDC	
	Introduction and Explanation of CTF Tables and Exercise: Filling CTF Tables 3 and 4: Methodologies, Accounting and Tracking progress of NDC	Keltoum Ait Belhaj, UNEP CCC
15:00 - 15:20	Tea/Coffee Break	
Session 4	Introduction and explanation of tables and Exercise: Filling CTF Table 5: Mitigation policies and measures, actions and plans	Keltoum Ait Belhaj, UNEP CCC
	Introduction and explanation of tables and Exercise: Filling CTF Tables 6 to 9: GHG emissions and removals with WM, WEM, WAM Scenarios	Jaypalsinh Chauhan, UNEP CCC
16:45 - 16:50	Small Break	Organisers
Session 5	Introduction and explanation of tables and Exercise: Filling CTF Tables 10 to 11: Assumptions and parameters used for projections	Jaypalsinh Chauhan, UNEP CCC
	Linking NDC tracking with GHG inventory: Aligning NDC sectors with IPCC inventory categories, Using GHG inventory data to inform NDC progress, Discussion on inconsistencies and gaps	Jaypalsinh Chauhan, UNEP CCC
18:20 - 18:30	Wrap up of Day 3	
Day 04 - 22/08/2024		
10:00	Starting of Day 4	Organisers
Session 1	Presentation: Experience of the Indonesia on current practices, challenges and lessons learned for preparing information and reporting on climate change impacts and adaptation	Irawan Asaad, Director of Climate Change Adaptation
10:45 - 11:00	Tea/Coffee Break	
Session 1 (contd.)	Presentation: Reporting on climate change impacts and adaptation, including Loss and Damage, following the Chapter 3 of the BTR outline	Sladjana Bundalo, UNEP CCC (Virtual) (6:00 - 7:00 AM)
12:00 - 13:30	Lunch Break	
Session 2	Presentation: Analysis of climate change impacts, vulnerability, and risks; assessment frameworks; planning and implementation	Sladjana Bundalo, UNEP CCC (Virtual) (08:30 - 09:30 AM)
Session 3	Identifying and prioritizing adaptation actions <ul style="list-style-type: none"> ▪ Vulnerability assessments and their role in adaptation planning ▪ Criteria for prioritizing adaptation actions ▪ Stakeholder engagement in adaptation planning ▪ Monitoring and evaluation progress of adaptation 	Sladjana Bundalo, UNEP CCC (Virtual) (09:30 - 10:30 AM)
15:30 - 15:50	Tea/Coffee Break	
Session 4	Discussion: <ul style="list-style-type: none"> ▪ Developing indicators for adaptation progress ▪ Drafting adaptation sections for the BTR ▪ Identifying data sources and gaps ▪ Strategies for presenting qualitative and quantitative information 	Sladjana Bundalo and UNEP CCC Team
16:45 - 17:00	Wrap up of Day 4	Organisers



Day 05 - 23/08/2024		
8:00	Starting of Day 5	Organisers
Session 1	Presentation: Experience of the Indonesia in tracking and reporting on support needed and received	Dr. Wahyu Marjaka, Director of Sectoral and Regional Resource Mobilization
	<ul style="list-style-type: none"> • Introduction to reporting on support (needed/received and provided/mobilized) and relevant requirements • Deep dive on reporting support received <ul style="list-style-type: none"> ○ including issues with lack of data availability ○ setting up a reporting system internally ○ meeting ETF requirements ○ understanding scope of support 	Kevin M Adams and, Lily H Hartzell, US State Department (Virtually 09:30 - 10:40 pm)
09:40 - 10:00	Tea/Coffee Break	
Session 2	<ul style="list-style-type: none"> • Deep dive on reporting support provided and mobilized <ul style="list-style-type: none"> ○ setting up an internal reporting system ○ challenges in tracking and reporting finance provided and mobilized ○ best practices for reporting 	Kevin M Adams and, Lily H Hartzell, US State Department (Virtually 11:00 - 12:30 pm)
11:30 - 13:00	Lunch Break	
Session 3	Exercise: Filling data (OECD Database) on support received using common tabular formats	Khetsiwe Khumalo, UNEP CCC (Virtually) (08:00 - 09:00 am)
	• Discussion: what info was missing?	
	Presentation: Processes and approaches for identifying support needed for NDC implementation	Khetsiwe Khumalo, UNEP CCC (Virtually) (09:00 - 09:45 am)
14:45 - 15:00	Tea/Coffee Break	
Session 4	<ul style="list-style-type: none"> ▪ Summary of key workshop outcomes, Mentimeter ▪ Outline of next steps in BTR preparation process ▪ Potential follow-up workshops on specific technical areas as needed ▪ Closing statements from organizers and participants 	Organisers
16:00 - 16:15	Wrap up of Day 5	Organisers
