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Preparation of Egypt First Biennial Transparency Report (BTR1) Capacity Building Workshop

-Focus on National Inventory Report, NDC Tracking Progress and the Support Needed and Received-

Organized by the Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP), UNDP and hosted by the Government of Egypt

Date: 28-30 October 2024 | Venue: Cairo, Egypt

Concept Note

Background

The Paris Agreement's Enhanced Transparency Framework (ETF) mandates clear and detailed reporting of national Greenhouse Gas (GHG) inventories. This involves carefully estimating GHG emissions and removals using both quantitative and qualitative data. The process must be transparent, accurate, complete, comparable, and consistent.

To ensure compliance, the ETF guidelines outline specific requirements for reporting GHG inventory results, including dedicated sections within the Biennial Transparency Report (BTR) and supporting annexes. Additionally, all countries must submit a National Inventory Report (NIR) to the UNFCCC as part of their BTR submission. The NIR consists of a National Inventory Document (NID) and Common Reporting Tables (CRT).

Many countries have developed the capacity to create national GHG inventories through their previous National Communications and Biennial Update Reports (BUR). Some have already begun updating these inventories as part of their Biennial Transparency Report (BTR) preparation. However, a significant challenge arises from the need to report on the inventory development process itself using new formats. Adhering to the transparency requirements outlined in Article 13 demands a clear understanding of these new reporting methods, which may pose difficulties for countries lacking the necessary knowledge and tools.

The CBIT-GSP aims to bolster developing countries' capacity to meet reporting obligations under the UNFCCC and Paris Agreement, ultimately driving more ambitious climate action. To achieve this, the initiative offers comprehensive support at national, regional, and global levels. A key strategy involves establishing ten Regional Networks to facilitate South-South cooperation, knowledge exchange, and learning. By strengthening global initiatives and networks, the CBIT-GSP is committed to supporting countries in reporting greenhouse gas emissions, enhancing their resilience, and transparently monitoring and communicating their progress.

The Egyptian Ministry of Environment has invited the Regional Network for Middle East and North Africa to conduct a training workshop in Cairo. The workshop aims to enhance the capacity of Egyptian national teams in preparing and reporting national GHG inventory, information necessary to track progress in implementing and achieving NDC as well as the reporting of the Support Needed and Received, in accordance with the MPGs as main parts of the Biennial Transparency Reports (BTR). This



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initiative aligns with the regional network's priority of strengthening transparency-related capacity building.

Objective

The primary goal of the training workshop is to empower national practitioners and experts to enhance the technical quality of National GHG Inventory Reports (NIRs), the NDCs tracking progress and the Support Needed and Received, under the Biennial Transparency Reports (BTRs). This will be achieved by providing guidance on aligning reporting processes with the requirements outlined in the MPGs.

Specific objectives:

- **Enhance** the capacity of national transparency teams to effectively report to the UNFCCC under the Paris Agreement's Enhanced Transparency Framework (ETF) by providing them with essential information and global best practices.
- **Facilitate** practical application of ETF reporting provisions through hands-on exercises on fill in the NDC tracking and Support CTF tables as well as the national inventory.
- **Promote** knowledge sharing and peer learning among participating entities' representatives regarding the use of tools and systems for reporting inventory data, tracking NDC implementation and support needed and received in alignment with ETF requirements.

Target Audience

This training is designed for technical experts responsible for the preparation of the first BTR and their national and sectoral stakeholders in Egypt. Participants will include government officials at both national and sectoral levels, as well as specialists from other organizations and entities involved in the reporting of national GHG inventory, NDC tracking progress and the Support, under the UNFCCC and Paris Agreement.

Approach

The training will be conducted in two consecutive phases.

- **Phase I** is a face-to-face workshop where participants will acquire knowledge and practical skills for successful reporting of GHG inventory, NDC tracking and the support under the ETF through hands-on exercises and presentations.
- **Phase II** is a follow-up phase providing participants with feedback on their workshop exercises and outputs.



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Agenda

1st Day | 28 Oct 2024

Time	Session
9:00 – 9:30	Registration
9:30 – 9:45	Opening remarks
9:45 – 10:00	Purpose and objectives for the workshop <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i>
10:00 – 10:15	Group photo
10:15 – 11:00	Session 1: Enhanced Transparency Framework (ETF) under the Paris Agreement: Introduction to the ETF and BTR outline <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i> Q&A
11:00 – 11:30	Coffee break
	Session 2: ETF Requirements for NDC Tracking Chapter <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i> Q&A
12:00-12:30	Session 3: Definition and development of NDC indicators/SMART targets <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i> Q&A
12:30 – 14:00	Lunch break
14:00-14:30	Activity 3a: Exercise on SMART targets and indicators <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i>
14:30-15:00	Session 4: Overview of the CTF tables for reporting on the progress in implementing the NDC <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i> Q&A
15:00 – 15:30	Coffee break
15:30-16:30	Activity 4a: Information to track progress in implementing and achieving the NDC using the CTF (Appendix, Tables 1-3) <i>Ms. Keltoum Ait Belhaj, CBIT-GSP</i>
16:30-17:00	Session 5: Mitigation assessment and elements of mitigation tracking <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i> Q&A
17:00-17:30	Open discussion on lessons learned from the first day wrap-up and closing of the day.



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2nd Day | 29 Oct 2024

Time	Activities
9:30 – 10:30	<p>Activity 5a: Information to track progress in implementing and achieving the NDC using the CTF (Tables 4-5)</p> <p><i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i></p>
10:30 – 11:00	Coffee break
11:00 – 12:30	<p>Activity 5b: Report on projections – fill in CTF tables 7, 10, and 11.</p> <p><i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i></p>
12:30 – 14:00	Lunch break
14:00 – 14:30	<p>Session 6: Overview of IPCC GHG Inventory Guidelines and Software:</p> <ul style="list-style-type: none"> • Structure of the guidelines, data requirements, TACCC principles, Tiers and notation keys • Overview of available software options, basic functionalities, and data management <p>Introduction to GHG Inventory Software</p> <p><i>Dr. Samir Tantawi, CBIT-GSP</i></p>
14:30-15:30	<p>Session 7: GHGI Overview and Compilation</p> <p><i>Dr. Samir Tantawi, CBIT GSP</i></p>
15:00 – 15:30	Coffee break
15:30 – 16:30	<p>Session 8: Energy Sector: Source of emissions, methodologies, tiers</p> <p><i>Dr. Samir Tantawi, CBIT-GSP</i></p>
16:30 – 17:15	<p>Session 9: IPPU Sector: Key sources of GHG emissions in the sector, estimation of GHG emissions from mineral, chemical, and metal production processes (Cement, Fertilizer, and I&S)</p> <p><i>Dr. Samir Tantawi, CBIT GSP</i></p>
17:15-17:30	Open discussion on lessons learned from the first day wrap-up and closing of the day.



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3rd Day | 30 Oct 2024

Time	Session
09:00 – 09:45	Session9: AFOLU Sector: Key sources of GHG emissions in the agriculture sector <i>Dr. Samir Tantawi, CBIT GSP</i>
09:45- 10:15	Coffee break
10:15 – 11:00	Session10: Waste Sector: Key sources of GHG emissions from waste: Calculation of GHG emissions from landfill, waste incineration, and wastewater treatment <i>Dr. Samir Tantawi, CBIT GSP</i>
11:00-12:30	Session11: Overview on CRT tables and live demo on how to extract them from the IPCC Software <i>Dr. Samir Tantawi, CBIT GSP</i>
12:30 – 14:00	Lunch break
14:00-15:00	Session 12: Reporting requirements on Support Needed and Received in accordance with the MPGs Overview of information to be reported in the Support CTF tables <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i>
15:00-15:30	Coffee break
15:30-17:00	Activity 12a: Fill-in the Support CTF tables from 6 to 13 <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i>
17:00-17:15	Workshop evaluation and feedback <i>Mrs. Keltoum Ait Belhaj, CBIT-GSP</i>
17:15-17:30	Wrap-up, recommendation and closing of the workshop Ministry of Environment