Training Workshop "Deep-dive into preparation and reporting of results of national GHG inventories under the ETF of the Paris Agreement"

(version 11/04/24)

Co-organized by The Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP) and hosted by the Government of Georgia

Date: 23 – 25 April 2024 | Time: 9:00 - up to 17:30 | Venue: TBC, Tbilisi, Georgia

Concept Note

Background

Reporting of results of national GHG inventories transparently is a key requirement under the Paris Agreement's Enhanced Transparency Framework (ETF). It comprises detailed planning work on how to use quantitative and qualitative information to estimate in a transparent, accurate, complete, comparable and consistent manner the GHG emissions and removals that occur in the country. The MPGs, formulated to implement transparency in reporting under the Paris Agreement, defined new specific requirements for reporting the results of national GHG inventories. As such, information on national GHG inventory results should be included in a specific chapter of the BTR (Chapter I) and supporting information should be included in the annexes. In addition, all Parties must provide a national inventory report (NIR), consisting of a national inventory document (NID) and common reporting tables (CRT), to the UNFCCC as part of each Party's BTR submission process.

A large number of countries now count with the skills to prepare national GHG inventories, cultivated as part of the formulation of their previous National Communications and BUR. Some of them, as part of the process of preparing their BTR, have already started the work of updating their current inventories. However, the task of reporting on the associated processes that lead to the development of inventories, and using the new formats are also key aspects to ensure that countries comply with the transparency conditions established in the Article 13 and can become a challenge for the countries if they do not count with the knowledge and tools to do this in a proper manner.

The objective of the **CBIT-GSP** is to provide streamlined support and capacity-building at the national, regional, and global level to assist developing countries in responding to the reporting provisions under the UNFCCC and the Paris Agreement's Enhanced Transparency Framework, and ultimately increase ambition for climate action. The CBIT-GSP is planning to achieve this through

multiple support modalities, including the establishment and work of 10 Regional Networks across the globe to foster south-south collaboration, knowledge-sharing and learning among countries.

The Regional Networks for *Central Asia and Caucasus* and *Eurasia* are invited to participate in a joint training exercise aimed at improving capacities of the national teams for preparation and reporting the national GHG inventory under the MPGs, which was assessed as one of the priorities on capacity building for transparency in the regional networks. The event will be hosted by the Government of Georgia and held in Tbilisi.

Objective

The main objective of the training workshop is to **support the country teams** in charge of reporting the results of the National GHG Inventory process **in improving the technical contents of the NIR and the BTR, following the considerations indicated in the MPGs**.

Specific objectives:
- Provide these national inventory teams with useful information and international experiences to facilitate their reporting to the UNFCCC following the ETF under the Paris Agreement.
- Participate by implementing concrete situations of preparation and reporting of national inventories, considering reporting provisions under ETF.
- Exchange experiences and lessons learned, corresponding to the application of tools and systems for reporting inventory data with ETF provisions.
- Identify common challenges and opportunities for collaboration among country teams in inventory work, fostering south-south cooperation.

Audience

This activity is intended for technical officers who work as coordinators of the national GHG inventory and sectorial coordinators of the inventory in the countries of the regional CBIT-GSP networks. This includes government staff at the national and sectoral levels, and staff from other institutions that are part of countries' institutional arrangements for reporting inventories under the UNFCCC and the Paris Agreement.

Language

Both the webinar and the training workshop will be in **Russian** and **English** with **simultaneous and consecutive translation** provided in both languages.

Proposed Agenda

Day 1: April 23, 2024: National inventory systems in practice

Time	Activities	Speaker
08:30-09:00	Arrival and registration of participants, and payment of DSA-	Organizers
09:00-09:05	Opening and presentation of Facilitator	Nailia Timerkhanova
09:05-09:10	Welcome by Host country	Host representative
09:10-09:25	Welcome by CBIT-GSP/UNEP-CCC	Fatima-Zahra Taibi
09:25-09:40	Purpose and objectives for the next 3 days	Fatima-Zahra Taibi
09:40-09:45	Workshop process and housekeeping	Nailia Timerkhanova
09:45-10:00	Initial energizer to facilitate meeting among participants	Nailia Timerkhanova
10:00-10:20	**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	Fernando Farias, UNEP-CCC
10:20-10:30	Q&A and sharing of opinions	Nailia Timerkhanova
10:30-10:50	**Coffee break**	
10:50-11:10	**Exercise**: applying different flexibility provisions for developing countries (tables and text).	Fernando Farias, UNEP-CCC
11:10-11:20	**Presentation**: Institutional arrangement for national inventory systems (NIS) following the MPGs and sustainable systems for data collection	Aiymgul Kerimray, UNEP-CCC
11:20-11:30	Q&A and sharing of opinions	Nailia Timerkhanova
11:30-12:00	**Panel:** Country experiences of implementing NIS: what works and what does not Moderator: Lilia Taranu, Moldova	Country #1 Montenegro Country # 2 Kyrgyzstan
12:00-12:05	Announcements	Nailia Timerkhanova
12:05-12:15	Group picture	Nailia Timerkhanova
12:15-13:15	**Lunch**	
13:15-13:20	Card Game	Nailia Timerkhanova
13:20-13:35	**Presentation:** inventory workplan and management of the inventory cycle.	Fernando Farias, UNEP-CCC
13:35-14:00	**Exercises:** on inventory planning, preparation, and management	Fernando Farias, UNEP-CCC

Time	Activities	Speaker
14:00-14:20	**Presentation:** Management of QA/QC and documentation material	Tomoyuki Aizawa, UNFCCC
14:20-15:00	**Exercises**: on QA/QC of inventories	Fernando Farias, UNEP-CCC
15:00-15:20	**Coffee break**	
15:20-15:40	**Presentation:** Data management system for archiving the inventory data and international examples of data management systems.	Aiymgul Kerimray, UNEP-CCC
15:40-16:00	**Presentation:** Design of the inventory improvement plan to facilitate improved reporting and transparency over time	Fernando Farias, UNEP-CCC
16:00-16:30	**Exercise:** Group work on designing an inventory improvement plan	Fernando Farias, UNEP-CCC
16:30-16:45	**Reporting** in the room from groups and discussion	Nailia Timerkhanova
16:45-17:15	**Panel:** Innovative experiences from country inventory teams (including local training activities and inventory awareness and dissemination examples) Moderator: Enkeleda Shkurta, Albania	Country #3 Serbia Country # 4 Azerbaijan
17:15-17:20	**Summary** of learning and take-aways from the day as well as outlook for Day 2	UNEP-CCC and Fatima-Zahra Taibi
17:20-17:25	Feedback from participants	Nailia Timerkhanova
17:25-17:30	End of Day 1	

Day 2: April 24, 2024: Improving technical contents of the Inventory chapter of the BTR and the NID

Time	Activities	Speaker
08:30-08:55	Arrival of Participants	
08:55-09:00	Summary of lessons learned from previous day and presentation of the agenda of today	Sladjana Bundalo
09:00-09:10	Small energizer	Sladjana Bundalo
09:10-09:25	**Presentation:** Cross sectorial issues: Part I: methodologies, parameters, and data; key category analysis; time-series consistency and recalculations; uncertainty assessment; assessment of completeness and notation keys;	Aiymgul Kerimray, UNEP-CCC
09:25-09:30	Q&A and sharing of opinions	Sladjana Bundalo
09:30-10:00	**Exercises** to apply the concepts of the previous presentation	Aiymgul Kerimray, UNEP-CCC

Time	Activities	Speaker
10:00-10:20	**Presentation:** Cross sectorial issues: Part II: QA/QC; emission factors, and metrics.	Aiymgul Kerimray, UNEP-CCC
10:20-10:30	Q&A and sharing of opinions	Sladjana Bundalo
10:30-10:50	**Coffee break**	
10:50-11:30	**Panel:** International experiences on cross sectorial issues, including development of country-specific and regional emission factors Moderator: Ivana Dukic, Serbia	Country #5 Moldova Country # 6 Kazakhstan
11:30-11:45	**Presentation:** Dealing with inventory data gaps and time-series consistency: issues with data availability; non-calendar year data; completion of missing data (splicing techniques) and recalculations.	Aiymgul Kerimray, UNEP-CCC
11:45-11:55	Q&A and sharing of opinions	Sladjana Bundalo
11:55-12:30	**Exercise:** resolving data gaps using splicing techniques	Aiymgul Kerimray, UNEP-CCC Team supporting Exercises: Tomoyuki Aizawa and Fernando Farias
12:30-13:30	**Lunch**	
13:30-13:35	Small energizer	Sladjana Bundalo
13:35-14:00	**Reporting guidance:** improving presentation of data from the national inventory in the BTR and the NID (using CBIT-GSP DIN template)	Fernando Farias, UNEP-CCC
14:00-14:30	**Exercise** on improving data presentation: how a good inventory chapter should look like	Fernando Farias, UNEP-CCC
14:30-15:30	**Sectorial module**: **Energy data and approaches**: international bunker fuel emissions, reference approach, and feedstocks and non-energy use of fuels. Include examples and exercises	Aiymgul Kerimray, UNEP-CCC
15:30-15:50	**Coffee break**	
15:50-16:50	Continuation **sectorial module** session and Exercises	Aiymgul Kerimray Team supporting Exercises: Tomoyuki Aizawa and Fernando Farias
16:50-17:15	**Summary** of main results of sectorial module	Sladjana Bundalo

Time	Activities	Speaker
17:15-17:20	**Summary** of learning and take-aways from the day as well as outlook for Day 3	UNEP-CCC and Fatima-Zahra Taibi
17:20-17:25	**Feedback** from participants	Sladjana Bundalo
17:25-17:30	End of Day 2	

Day 3: April 25, 2024: UNFCCC reporting tools and CBIT-GSP network experience exchange

Time	Activities	Speaker
08:30-08:55	Arrival of Participants	
08:55-09:00	**Summary** of lessons learned from previous day and presentation of the agenda of today	Nailia Timerkhanova
09:00-09:10	Small energizer	Nailia Timerkhanova
09:10-09:40	**Presentation:** Using IPCC software x CRT reporting	IPCC representative
09:40-10:00	**Panel:** Country experiences using the IPCC software Moderator: Aleksandr Temirbekov, Kyrgyzstan	Country # 7 – Armenia Country # 8 – Bosnia and Herzegovina
10:00-10:20	**Presentation**: Links between the national inventory data and common reporting tables (CRTs) with NDC tracking reporting and common tabular format (CTF)	Aiymgul Kerimray, UNEP-CCC
10:20-10:30	Q&A and sharing of opinions	Nailia Timerkhanova
10:30-10:50	**Coffee break**	
10:50-11:10	**Presentation:** Technical summary of NGI topics covered in the workshop	Fernando Farias, UNEP-CCC
11:10-11:30	Sharing of opinions, final session of Q&A	Sladjana Bundalo
11:30-12:30	**Presentation:** UNFCCC reporting tools and interoperability between electronic tools (presented by UNFCCC), initial part	Gopal Goshi, Tomoyuki Aizawa, UNFCCC
12:30-13:30	**Lunch**	
13:00-13:05	**Small energizer**	Sladjana Bundalo
13:05-15:30	**Presentation:** UNFCCC reporting tools and interoperability between electronic tools (presented by UNFCCC), final part	Gopal Goshi, Tomoyuki Aizawa, UNFCCC
15:30-16:00	**Coffee break**	
16:00-16:20	Main learnings and evaluation of the event – next steps	Sladjana Bundalo and Fatima-Zahra Taibi
16:20-16:30	Closing of the event	Host country, CBIT-GSP/UNEP-CCC