

## Tracking Progress of the Mitigation Commitments of Nationally Determined Contributions (NDCs)

**Date:** 11 - 13 September 2023 | **Time:** 9:00 - up to 17:30 | **Venue:** Seoul, Republic of Korea

Co-organized by the the Greenhouse Gas Inventory and Research Center of Korea (GIR), the Partnership on Transparency in the Paris Agreement (PATPA), Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP), and the Food and Agriculture Organization of the United Nations (FAO)

As of **11/09/2023**

### Background

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 nationally determined contributions (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 Enhanced Transparency Framework (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.

The Greenhouse Gas Inventory and Research Center of Korea (GIR), the Partnership on Transparency in the Paris Agreement (PATPA), the Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP), and the Food and Agriculture Organization of the United Nations (FAO) **are co-organizing a training to develop the capacity of the Asia Regional Network to better understand the reporting requirements under the Paris Agreement on NDCs, to identify indicators, and track the mitigation commitments of their NDCs.**

### Objective

The main objective of the workshop is to **support country teams** in charge of reporting NDC mitigation commitments under the Paris Agreement in **technical understanding of the goals, principles, and actions associated with the reporting process for NDC mitigation commitments under the Paris Agreement.**

## Specific objectives

- Provide these national mitigation teams with useful information and experiences to facilitate their reporting to the UNFCCC under the Paris Agreement, preparing them to use the ETF's common tabular format (CTF).
- Learn from international experiences how to use support tools to improve the technical assessment, tracking and mitigation report.
- Participate putting into practice concrete situations of mitigation assessment, tracking and report, having in mind reporting under the ETF.
- Exchange experiences and lessons learned, corresponding to the application of tools and systems for mitigation assessment, tracking and reporting.
- Identify common challenges and opportunities for collaboration among country teams on mitigation assessment, tracking and reporting.

## Approach

It is considered to include 4 different consecutive stages. Firstly, an introductory webinar that mainly sets the approach and provides instructions to the participants of the other parts of the training workshop (Stage I). Second, a phase dedicated to the collection of information in each country. Said information will be arranged in templates that will be provided by the organizers and will be useful for the exercises to be carried out in a face-to-face training (Stage II). And a third phase (Stage III) that consists of a face-to-face event where, through practical exercises and presentations, it will be possible to acquire knowledge for the assessment, tracking and reporting of mitigation under the ETF. And a final follow-up phase (Stage IV), aimed at providing feedback to the participants on the exercises and results produced by the country



representatives during the face-to-face training.

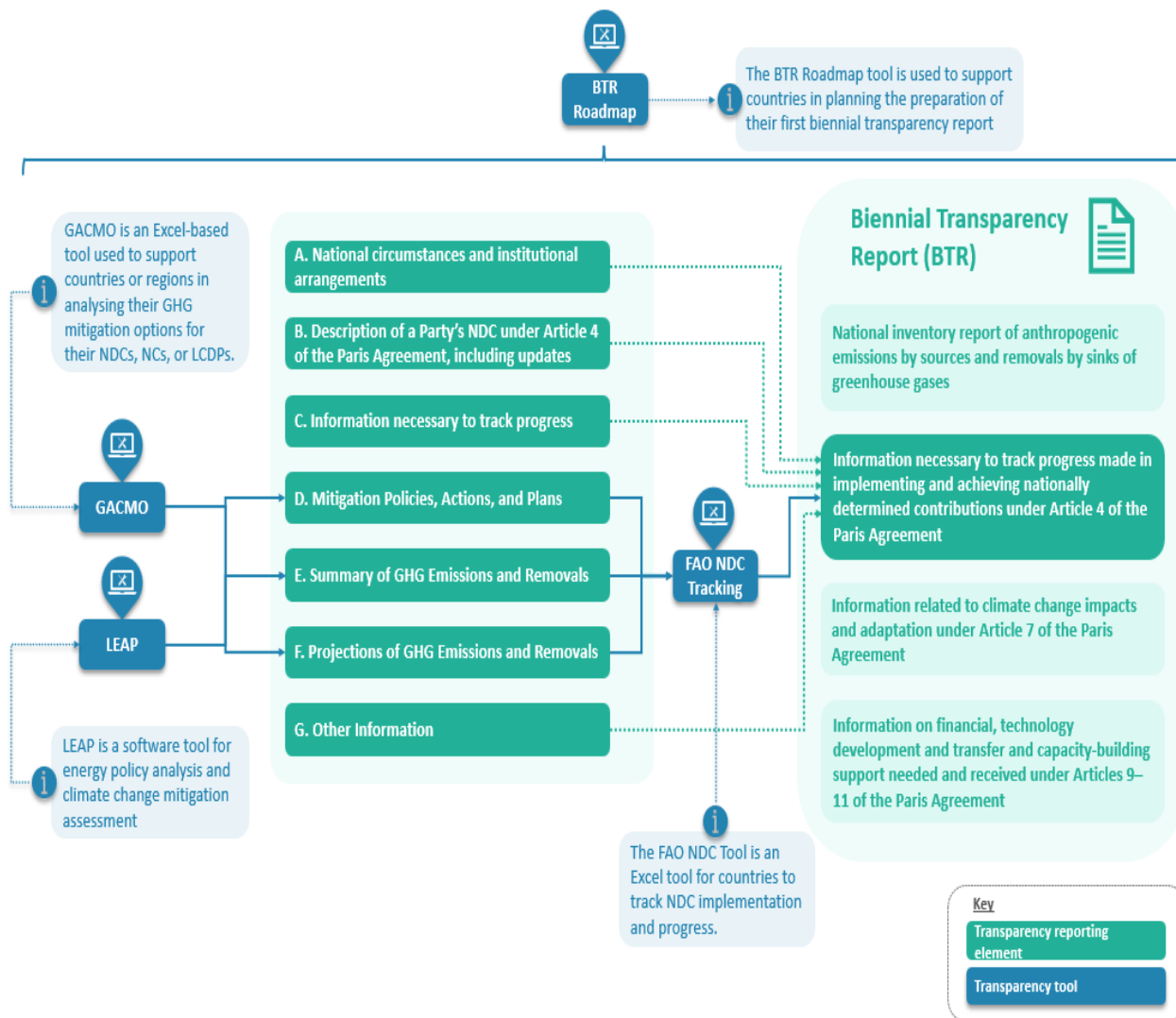
## Audience

This activity is intended for technical officers who coordinate the tracking and reporting of NDC mitigation commitments in the countries of the Asia Regional Network. This includes national government staff of ministries or agencies in lead of climate change as well as relevant sectoral ministries, and staff from other relevant institutions involved in reporting under the UNFCCC and the Paris Agreement (e.g., in the preparation of first BTRs).

## Language

Both the webinar and the training workshop in Seoul will be in English.

## Role of presented tools in tracking progress of mitigation commitments of Nationally Determined Contributions (NDCs)



## Technical glossary

Term	Full name	Definition
AFOLU	Agriculture, Forestry and Other Land Use	A sector of climate change and environmental science that focuses on the emissions resulting from agricultural processes, deforestation, and changes in land use.
AR5	IPCC Fifth Assessment Report	The fifth assessment report provided by the Intergovernmental Panel on Climate Change (IPCC), which provides a comprehensive assessment of climate change science, risks and mitigation strategies.
Article 4 of the Paris Agreement	-	This article lays out the commitments that each country must make to reduce their greenhouse gas emissions, known as NDCs.
BAU	Business as Usual Scenario	A type of scenario used in climate modelling that assumes no major changes to current trends, including no new policies or actions to address climate change.

<b>BTR</b>	Biennial Transparency Report	A report submitted by each country under the ETF, detailing their greenhouse gas emissions and efforts to meet their NDCs.
<b>CBIT-GSP</b>	Capacity Building Initiative for Transparency - Global Support Programme	An initiative of the Global Environment Facility to help developing countries meet their enhanced transparency requirements under the Paris Agreement.
<b>ETF</b>	Enhanced Transparency Framework	A mechanism introduced under the Paris Agreement that requires countries to report on their greenhouse gas emissions and their efforts to implement and achieve their NDCs.
<b>Ex-ante</b>	-	Latin for "before the event," used in this context to refer to projections or estimates made ahead of time.
<b>Ex-post</b>	-	Latin for "after the fact," used in this context to refer to assessments or evaluations made after an event or action has taken place.
<b>FAO</b>	Food and Agriculture Organization of the United Nations	A specialized agency of the United Nations that leads international efforts to defeat hunger and improve nutrition and food security.
<b>GACMO</b>	Greenhouse gas Abatement Cost Model	A tool used to assess the costs and benefits of different greenhouse gas abatement measures.
<b>GIR</b>	Greenhouse Gas Inventory and Research Center of Korea	Government agency of South Korea
<b>GHG</b>	Greenhouse Gas	A gas that contributes to the greenhouse effect by absorbing infrared radiation, e.g., carbon dioxide and chlorofluorocarbons.
<b>GST</b>	Global Stocktake	A process under the Paris Agreement to assess collective progress towards achieving the agreement's long-term goals. It takes place every five years, beginning in 2023.
<b>IPCC</b>	Intergovernmental Panel on Climate Change	The United Nations body for assessing the science related to climate change.
<b>IPPU</b>	Industrial Processes and Product Use	Category of GHG emissions resulting from industrial activities, such as chemical and metal production.
<b>LEAP</b>	Low Emissions Analysis Platform	A software tool for energy policy analysis and climate change mitigation assessment.
<b>LTS</b>	Long-Term Strategy	A strategy adopted by countries to guide their climate actions and policies over a long-term period, typically in line with the goals of the Paris Agreement.
<b>LULUCF</b>	Land Use, Land-Use Change, and Forestry	A category of activities in a GHG inventory that covers emissions and removals of greenhouse gases resulting from direct human-induced land use, land-use change and forestry activities.
<b>Marginal Abatement Cost Curve</b>	-	A graphical representation that shows the cost and potential of different measures to reduce greenhouse gas emissions.
<b>Mitigation</b>	-	In the context of climate change, mitigation refers to efforts to reduce or prevent the emission of greenhouse gases.
<b>Mitigation Scenario</b>	-	A type of scenario used in climate modeling that includes policies or actions to reduce greenhouse gas emissions.
<b>MPG</b>	Modalities, Procedures, and Guidelines	The operational details that govern how the Enhanced Transparency Framework will function, adopted at COP24 in Katowice.

<b>MRV Systems</b>	Monitoring, Reporting, and Verification systems	Used to assess the effectiveness of climate actions, especially in the context of the UNFCCC.
<b>NDC</b>	Nationally Determined Contributions	Commitments made by each country under the Paris Agreement to reduce their emissions and adapt to the impacts of climate change.
<b>NIR</b>	National Inventory Report	An annual report submitted by countries to the UNFCCC, detailing their anthropogenic emissions by sources and removals by sinks of greenhouse gases.
<b>P&amp;Ms</b>	Policies and Measures	Actions taken by governments in response to climate change, including legislation, regulations, and programs.
<b>PA</b>	Paris Agreement	An agreement within the framework of the UNFCCC dealing with greenhouse gases emissions mitigation, adaptation, and finance, starting in the year 2020.
<b>PATPA</b>	The Partnership on Transparency in the Paris Agreement	An initiative that supports capacity building for transparency in climate action.
<b>UNFCCC</b>	United Nations Framework Convention on Climate Change	An international environmental treaty adopted in 1992 aimed at addressing climate change.

This stage consists of the distribution of templates to be filled in by country representatives, with data useful for a real monitoring of the advances of their mitigation actions, policies and measures included in their specific NDC. The focus will be mostly on the identification and characterization of indicators included in the countries' NDCs, if they are included. If not, some indicator proposals based on countries' NDC commitments can be proposed for countries to locally identify data to report their own progress. This information must be provided by the country representatives attending the event and must be made available before the next stage (Stage III). The organizers will be available to answer any possible questions arising from the countries during this phase.

Deadline for submission: **31 August 2023**

### Proposed agenda for the Stage III: Physical Workshop: Tracking Progress of the Mitigation Commitments of Nationally Determined Contributions (NDCs)

Time	Activities	Speaker
<b>Day 1: ETF, Mitigation in NDCs and Indicators</b>		
08:30	Arrival and registration of participants, Payment of DSA	
08:58	<b>Meeting about to start</b>	Facilitator Jost Wagner
09:00	<b>Opening</b>	
09:05	<b>Welcome by Ministry of Environment of Korea (TBC)</b>	
09:10	Welcome by CBIT-GSP	Fatima Zahra Taibi, UNEP CCC



09:15	Welcome by PATPA	Mijako Nierenköther, PATPA
09:20	<b>Group picture (TBD)</b>	Facilitator Jost Wagner
09:25	<b>Purpose and Objectives for the next 3 days:</b> Workshop objectives	Fatima Zahra Taibi, UNEP CCC
09:30	<b>Workshop Process and Housekeeping</b>	Facilitator Jost Wagner
09:35	<b>Introductions</b>	Facilitator Jost Wagner
09:50	<b>Presentation:</b> The Enhanced Transparency Framework (ETF) and Modalities Procedures and Guidelines (MPGs) with focus on NDC tracking provisions and overview of reporting tables	Lonava Tahreen, UNFCCC
10:20	Reflections and Q&A	Facilitator Jost Wagner
10:30	<b>Coffee Break</b>	
10:50	Video on NDC and Transparency linkages by PATPA (Video duration is 3:02 min)	Mijako Nierenkoether, PATPA
10:55	<b>Intro into the session</b>	Facilitator Jost Wagner
10:56	<b>Presentation:</b> Definitions and development of NDC indicators	Dominic Sheldon, Ricardo
11:20	Q&A	
11:35	<b>Exercise:</b> Definitions of Smart Indicators and Case Clinic	Dominic Sheldon, Ricardo
12:15	Country presentations of NDC-mitigation section, including how they have developed and defined indicators.	Moderator: Fatima-Zahra Taibi, UNEP CCC
12:55	<b>Announcements and Group picture</b>	Facilitator Jost Wagner
13:00	<b>Lunch</b>	
14:00	<b>Energizer</b>	Facilitator Jost Wagner
14:15	<b>Introduction and Explanation of CTF Tables and Exercise:</b> Filling CTF Tables 1 and 2: Description and Definitions to understand NDC	Aiyngul Kerimray, UNEP CCC
15:30	<b>Reporting</b> in the plenary and discussion	Facilitator Jost Wagner
15:45	<b>Coffee Break</b>	

16:05	<b>Introduction and Explanation of CTF Tables and Exercise:</b> Filling CTF Tables 3 and 4: Methodologies, Accounting and Tracking progress of NDC	Aiyngul Kerimray, UNEP CCC
17:15	<b>Results and comments</b> (Debriefing)	Facilitator Jost Wagner
17:30	<b>Summary</b> of learning and take-aways from the day as well as outlook for Day 2	Fatima Zahra Taibi, UNEP CCC and Jost Wagner
17:40	<b>Feedback</b> from participants	Facilitator Jost Wagner
	<b>Announcements</b>	
17:45	<b>End of Day 1</b>	

Time	Activities	Speaker
<b>Day 2: Training on filling in the CTF Tables</b>		
Until 09:00	<b>Arrival of Participants</b>	
09:00	<b>Summary</b> of lessons learned from previous day and presentation of the agenda of today	Facilitator Jost Wagner
09:05	<b>Presentation:</b> Mitigation assessment and elements of mitigation tracking	Dominic Sheldon, Ricardo
09:30	<b>Introduction and explanation of tables and Exercise:</b> Filling CTF Table 5: Mitigation policies and measures, actions and plans (1 <sup>st</sup> part: using data from countries)	Aiyngul Kerimray, UNEP CCC
10:10	<b>Exercise:</b> Filling CTF Table 5: Mitigation policies and measures, actions and plans (2 <sup>nd</sup> part: using data from exercises)	Aiyngul supported by Dominic and Jaypal
10:45	<b>Coffee Break</b>	
11:00	<b>Presentation:</b> Elements on Projections of GHG emissions and removals	Dominic Sheldon, Ricardo
11:20	<b>Introduction and explanation of tables and Exercise:</b> Filling CTF Tables 6 to 9: GHG emissions and removals with WM, WEM, WAM Scenarios	Dominic Sheldon, Ricardo
13:00	<b>Lunch</b>	
14:00	<b>Small Energizer</b>	Facilitator Jost Wagner
14:25	<b>Introduction and explanation of tables and Exercise:</b> Filling CTF Tables 10 to 11: Assumptions and parameters used for projections	Dominic Sheldon, Ricardo
14:55	<b>Presentation:</b> Supporting tools to develop economy wide GHG emissions projections (GACMO and LEAP) and linking tables and software	GACMO: Aiyngul Kerimray, UNEP CCC LEAP: Dominic Sheldon, Ricardo



Coffee Break		
15:30		
15:50	<b>Presentation:</b> Practical cases of Projections from other countries with Q&A	Aiyngul Kerimray, UNEP CCC
16:10	<b>Presentation:</b> Summary of filling reporting tables using GACMO and LEAP	Aiyngul Kerimray, UNEP CCC
16:30	<b>Presentation:</b> Data needs and how to gather or estimate missing data	Dominic Sheldon, Ricardo
16:50	<b>Summary</b> of learning and take-aways from the day as well as outlook on day 3	Facilitator Jost Wagner
17:05	<b>Survey,</b> Feedback from participants	Facilitator Jost Wagner
17:10	<b>End of Day 2, Welcome Dinner and Excursion</b>	<b>GIR</b>

Time	Activities	Speaker
<b>Day 3: Tracking and Reporting using various tools</b>		
09:00	<b>Summary</b> of lessons learned from previous day and presentation of the agenda of today	Facilitator Jost Wagner
09:10	<b>Presentation and Demo:</b> UNFCCC ETF reporting Tools	Lonava Tahreen, UNFCCC
10:10	Q&A	
10:30	<b>Coffee Break</b>	
10:50	<b>Presentation:</b> Example of a reporting tool: FAO reporting tool including questions	Mirella Salvatore, FAO
11:30	<b>Exercise:</b> using FAO NDC tracking Tool	
12:30	<b>Lunch</b>	
13:30	<b>Energizer:</b> TBD	Facilitator Jost Wagner
13:40	<b>Panel discussion:</b> Country experiences to reflect on the challenges and advantages of using various tools	Mijako Nierenkoether, PATPA
	Country 1: LEAP tool, Malaysia	
	Country 2: BTR Roadmap Tool, Lao PDR	
	Country 3: GACMO tool, TBD	
14:25	<b>Group discussion:</b> Country readiness to the ETF reporting	Facilitator Jost Wagner
15:00	<b>Sharing of reflections</b>	Facilitator Jost Wagner
15:15	<b>Coffee Break</b>	
15:40	<b>Presentation:</b> Using and engaging with the Climate Transparency Platform – Opportunities for countries	Fatima Zahra Taibi, UNEP CCC
16:10	<b>Main learnings</b> and evaluation of the Event – Next steps	Facilitator & Organisers
16:40	<b>Closing of the event</b>	Facilitator Jost Wagner
17:00	<b>End of Day 3 and Workshop</b>	



## Stage IV: Follow-up

The exercises and results produced by the representatives of the countries during the exercises of the face-to-face event (Stage III), will be reviewed by the Experts and sent back to the countries with comments, so that this material can be useful for their future reporting activities. It will also be an option for countries to gather additional data and refine their initial results.

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