

Webinar: GHG Projection tools

13-June 2025

Organized by:

The Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP)

Time: 11:00 – 12:30 CET | Date: Friday, June 13, 2025 | Format: Virtual

Background

Under the Enhanced Transparency Framework (ETF), all Parties are required to submit their Biennial Transparency Reports (BTRs) starting from the end of 2024. These reports follow Modalities, Procedures, and Guidelines (MPGs) to ensure consistency and transparency, especially in tracking NDC implementation results. Each country must provide relevant data and undergo a multilateral review of its progress.

Nationally Determined Contributions (NDCs) are central to the Paris Agreement, outlining each country's commitment to reducing emissions and adapting to climate change. Parties are required to regularly update their NDCs, specifying climate goals and strategies.

Greenhouse Gas (GHG) projections play a crucial role in assessing emissions trends and tracking progress toward NDCs. Countries are required to report GHG projections in their BTRs to ensure clear understanding of climate action and tracking of progress towards achieving Parties' individual NDCs and enhance transparency and accountability. However, developing countries often face challenges due to the need for more detailed reporting required for BTRs, including completing the Common Tabular Formats (CTFs) that provide a structured way for countries to present information on tracking progress in implementing and achieving their Nationally Determined Contributions (NDCs).

Countries of the Eurasia and Central Asia and Caucasus Network, use various modelling tools that enable development of GHG projections and mitigation planning, assessing and reporting. Frequently used models include LEAP (Low Emissions Analysis Platform), PRIMES-GEM-E3, CAPRI, IPCC Waste Model, MARCAL, GACMO and TIMES Macro Modelling Tool. However, some of these tools are either not freely available or only partially accessible, posing sustainability challenges for countries with limited financial resources. Additionally, currently used tools in some cases and sectors are not suitable for development projections considering available data and other specific circumstances of developing countries. This limitation affects their ability to consistently develop robust GHG projections.

While Article 13 of the Paris Agreement is known, many countries struggle with the detailed reporting requirements due to a lack of training. Transparency in BTRs and NDCs is vital for achieving climate objectives. Developing countries, in particular, face challenges in comprehensive reporting and completing CTFs.

Objective

This webinar helps countries in Eurasia strengthen their technical expertise in NDC mitigation reporting. It focuses on GHG projections, essential modeling tools, their features, and availability, equipping participants with the skills needed for effective, sustainable national reporting under the ETF in preparation for BTR and NDC submissions.

Target Audience

The virtual exchange will bring together key national transparency focal points, including CBIT-GSP focal points and experts in NDC tracking and reporting from the Eurasia Transparency Network countries. It will also involve other transparency stakeholders, such as coordinators of National Communications, NDCs and BTRs, as well as senior experts from national agencies responsible for climate reporting, NDC tracking, and revision.

Duration and Language

The webinar will last **1.5 hours (11:00-12:30 CET)**, with sufficient time dedicated to discussion and Q&A sessions.

The webinar will be conducted **in English**.

Agenda

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Time	Session
5 min	Opening and Introduction Group Photo Speaker: CBIT-GSP
60 min	Overview of modeling tools for projections (LEAP, GACMO, TIMES, MITICA) Brief Methodological Insights, Inputs and Outputs of LEAP and GACMO tools Speaker: Dr Aiymgul Kerimray, Scientist (Energy)
10 min	Country experience in using modeling tools: Bosnia and Herzegovina Speaker: Dr Azrudin Husika, National Mitigation Expert
10 min	Discussion and Q&A
5 min	Feedback Mentimeter Survey Closing Remarks