



# Capacity Building Support for Greenhouse Gas Projections included in Biennial Transparency Reports under the Enhanced Transparency Framework (ETF)

--- Webinar ---

Date: September 24, 2024 | Time: 11:00 - 12:30 Bangkok Time | Format: Virtual



# Agenda

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Activity	Speaker
Introduction and Welcome - Importance of Transparency; <i>Mentimeter and Group Photo</i>	<i>Mr. Jaypalsinh Chauhan, CBIT-GSP Asia Network Coordinator</i>
Overview of the Paris Agreement Transparency Accelerator	<i>Eric Smith, US EPA</i>
Support for GHG Projections in BTRs	<i>Gokul Iyer and Paelina DeStephano, PNNL</i>
Overview of upcoming virtual Workshop: “BTR Submissions: Developing GHG Projections” (to be scheduled for October)	<i>Gokul Iyer and Paelina DeStephano, PNNL</i>
Questions and Discussion	<b>Moderator:</b> <i>Mr. Jaypalsinh Chauhan, CBIT-GSP Asia Network Coordinator</i>
Next Steps and Thank you	<i>Eric Smith, US EPA</i>

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# Importance of Transparency

- Article 13 of the Paris Agreement established the Enhanced Transparency Framework (ETF) “*to build mutual trust and confidence [among the Parties] and to promote effective implementation*”.
- Implementation of the ETF is elaborated through the **modalities, procedures, and guidelines (MPGs)**, which were adopted in 2018.
- All Paris Agreement Parties are required to submit **Biennial Transparency Reports (BTRs)**, with the first BTR submission due on **31 December 2024**. (Note: LDCs and SIDS may submit BTRs at their discretion)



- The **Global Stocktake (GST)** process will use BTRs as a key source of information *to assess the overall collective progress made in achieving the long-term goals of the Paris Agreement*.

# Reporting under the Enhanced Transparency Framework

## Previous Reporting Framework (Before 2024)

### Annex I Parties (Developed Countries)

- National Communications (NCs)
- Biennial Reports (BRs)
- Annual GHG Inventories (GHGIs) i.e., NIR and CRF Tables, using 2006 IPCC Guidelines
- Undergo annual Technical Expert Review of all reports, Multilateral Assessment (MA) for BRs

### Non-Annex I Parties (Developing Countries)

- National Communications
- Biennial Update Reports (BURs)
  - National GHGIs (chapter in BUR/NC, 1996 IPCC Guidelines/IPCC GPG, summary tables)
  - Technical Analysis of BUR, Facilitative Sharing of Views (FSV)

## Enhanced Transparency Framework (2024 Onwards)

### All Parties\*

- Reporting requirements under Modalities, Procedures, and Guidelines (MPGs)
- Biennial Transparency Reports (BTRs)
  - National GHGIs (standalone or BTR chapter, 2006 IPCC Guidelines, time series, reporting tables)
  - Progress toward Nationally Determined Contributions (NDCs)
  - Projections of GHG Emissions and Sinks
- Areas of Improvement
- Technical Expert Review
- Facilitative Multilateral Consideration

\*With **flexibility** to developing country parties that need it in light of their capacities.

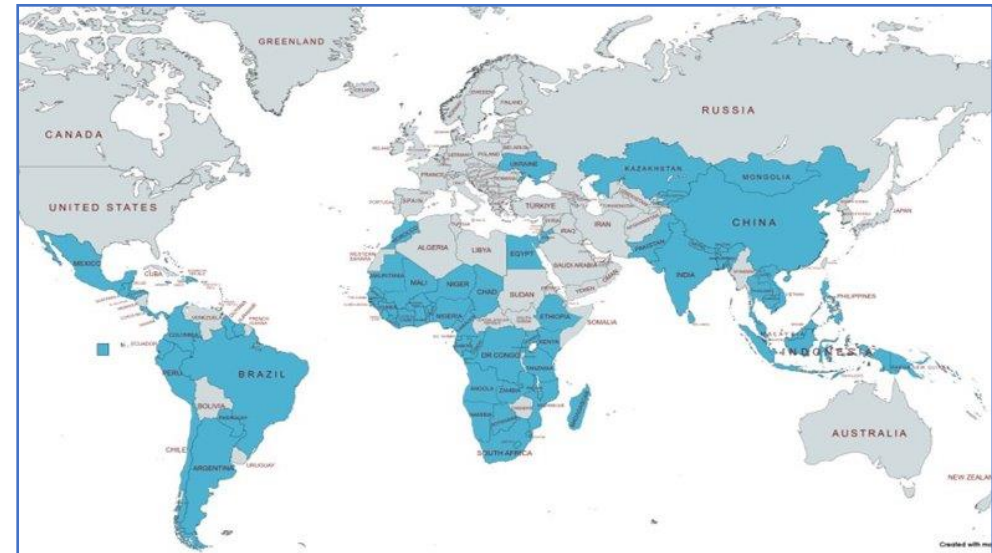


# Paris Agreement Transparency Accelerator

Technical assistance in development of **Biennial Transparency Reports (BTRs)**, focused on:

- GHG inventories based on the 2006 IPCC Guidelines
- Tracking progress towards nationally determined contributions (NDCs)
  - Implementation of policies and measures to achieve NDCs
- Robust GHG emission projections

***Working with partner countries,  
developing Tools, inviting long term  
partnership and training for  
Transparency Activities***



# GHG Projections Support: Main Goals

- Long-term, collaborative engagement to develop GHG projections
- Technical assistance is available regardless of current plans for projections in BTRs, current institutional arrangements, technical capability, choice of projections tools, or need for sectoral expertise
- Our goal is to support the development of sustained, in-country technical capabilities and expertise, recognizing that GHG projections practitioners may be part of governmental or non-governmental institutions
- We invite bilateral and multilateral partnerships
- Encouraging an on-going “community of interest” for BTR coordinators and projections practitioners sharing expertise, identifying challenges, and learning-by-doing while preparing their GHG projections
- Collaboration with other capacity building institutions, including CBIT, interested in convening and supporting BTR technical capability is welcome



# Support for GHG Projections in BTRs

# Benefits of GHG Projections

## Informing decision makers on climate action progress and level of climate ambition

### Transparency



- Meets enhanced reporting requirements, building trust and supporting international cooperation.
- Tracks progress in implementing NDCs and other commitments.

### Strong institutional arrangements



- Enables critical long-term national capacity to provide reliable information and fulfill international reporting requirements.
- Supports inter-governmental cooperation throughout projection process.

### Decision making and implementation



- Equips decision makers with the evidence they need to choose the right course of action and secure investments.
- Supports efforts to define GHG reduction targets used in NDCs.

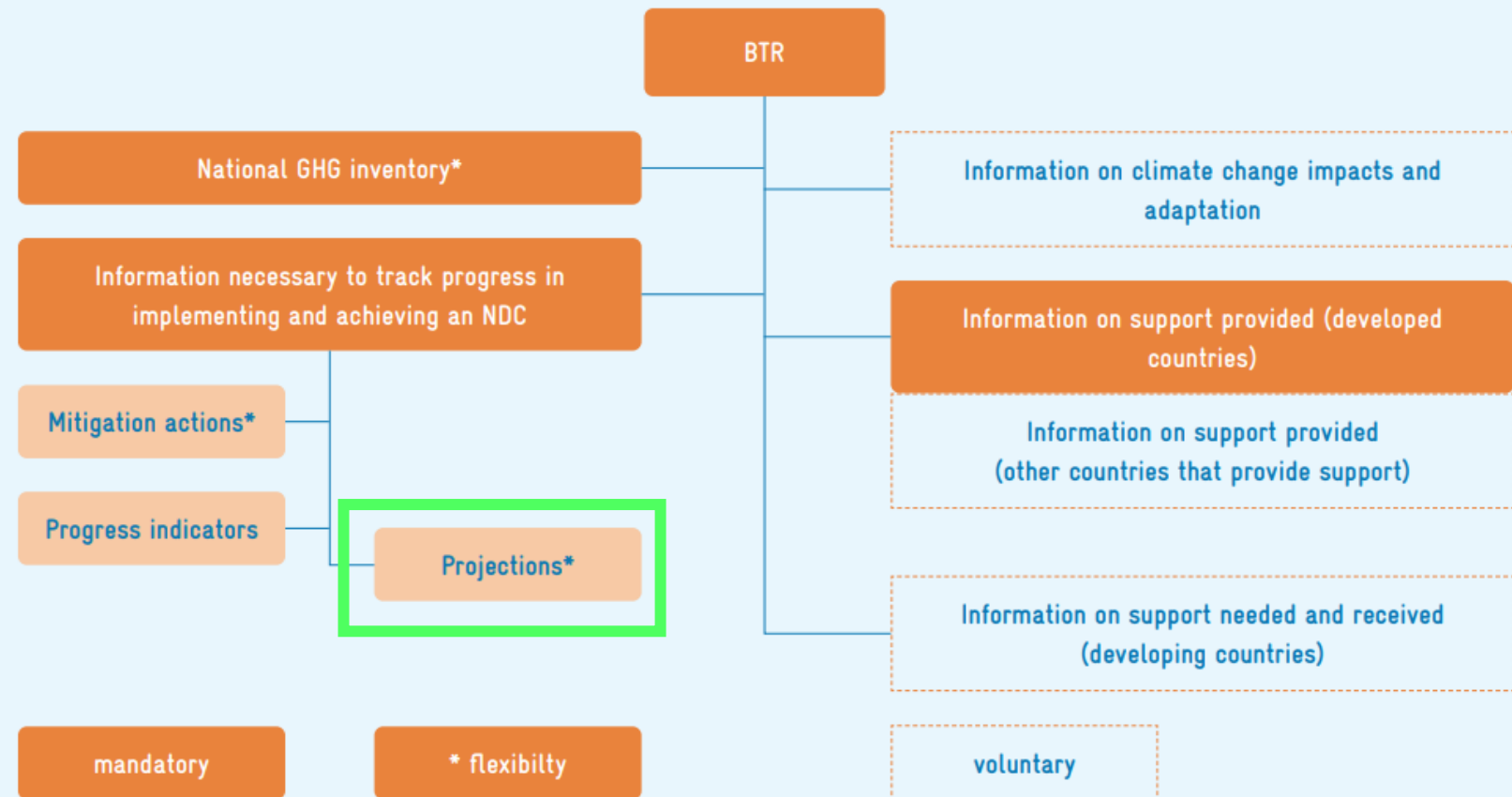


# Role of GHG Projections within the BTR Structure

\* Developing country Parties that need flexibility in the light of their capacities are encouraged to report these projections.

\* Least Developed Countries (LDCs) and Small Island Developing States (SIDs) may report BTRs at their discretion.

- Where countries choose to use a flexibility option, **they must provide self-determined estimated time frames for improvements in relation to the relevant capacity limitations.**



Source: Partnership on Transparency in the Paris Agreement, 2023. NDC Progress Indicators: a guidance for practitioners

# Potential Activities

- **Community building:**
  - An ongoing forum for collaboration among a cohort of developing countries engaged in developing GHG projections for BTRs, fostering cooperation toward transparency.
  - Encouraging lasting capability through the sharing of expertise among BTR coordinators and projections experts
- **Technical assistance for projections of GHG emissions and sinks:**
  - Technical assistance in reporting GHG projections in BTRs, which can include assistance collaborating on model and scenario development, developing representations of mitigation actions, and offering training
- **Working to improve global transparency objectives:**
  - Collaborating with developing countries on “lessons learned” to improve understanding of GHG projections best practices and capacity building approaches – this includes an opportunity for participants to publish modeling results and approaches in a peer-reviewed scientific journal special issue

# Examples of Bilateral Technical Assistance

- A detailed **work plan** and **timeline** will guide the process.
  - Assistance for BTR submission, including GHG Inventories, tracking progress towards Nationally Determined Contributions (NDCs), and other GHG Projections
  - Assistance in selecting GHG projections tools
  - Technical assistance for integrating different kinds of tools, as necessary, for different economic sectors (such as Energy, Industrial Processes and Product Use (IPPU) and Land Use, Land-Use Change, and Forestry (LULUCF))
  - Assistance with the design of GHG projections, including identifying data, identifying data gaps, quantifying assumptions, developing scenarios (including “without measures,” “with measures,” and “with additional measures”)
  - Technical assistance in documenting assumptions and data sources
  - Assistance in communicating projections results in accordance with the ETF, including submitting GHG Projections with BTRs



# Upcoming Virtual Workshop

# Workshop Objectives

- Initiate an on-going forum for BTR Coordinators and GHG projections practitioners to collaborate with counterparts in other countries, and international experts.
- The forum invites engagement and aims to foster cross-country learning regardless of current capacity, plans for BTR projections, or projections methodology.
- Introduce available expertise through the Paris Agreement Transparency Accelerator and long-term support for multi-lateral and bi-lateral collaborative capacity-building for BTR preparations.
- Gain a deeper understanding of technical assistance needs for GHG projections support and learn about the status of plans for BTR submissions.

**Location:** Virtual, Zoom

**Date:** TBD (Tentatively, ~ October 21 – November 1)

**Time:** 2.5 hours, TBD

**Language:** English

*We welcome participation in the planning of the Workshop*

*We welcome collaboration with other capacity building institutions*



# Workshop Agenda

- Importance of GHG projections for transparency: Lessons learned from existing projections
  - Overview of the ETF and high-level insights regarding capacity needs based on a review of BUR and BR submissions
- Bridging government and researchers: successful cases of in-country capacity building
  - Discussion of keys to successful collaboration between governments and researchers, and maintaining in-country expertise
- Overview of GHG projection tools
  - Survey of common steps for developing GHG projections and review of modeling tools
- Country updates: Plans and capacity building interests
  - Presentations from national BTR teams on their approach to completing GHG projections and capacity needs
- Moderated discussion



Questions?

# Next Steps

## **Please let us know your interests!**

We're planning the virtual Workshop and follow-on multilateral collaboration and engagement.

- Please let us know if you're interested in participating!
- Please let us know if you'd like to contribute to the planning!

## ***CONTACT DETAILS:***

[ghgi.transparency@epa.gov](mailto:ghgi.transparency@epa.gov)

<https://www.epa.gov/ghgemissions/capacity-building-etf-reporting>

**Smith Eric**, U.S. EPA Office of Atmospheric Protection

[smith.eric@epa.gov](mailto:smith.eric@epa.gov)

**Jaypalsinh Chauhan**, CBIT GSP Asia Network Coordinator

[jaypalsinh.chauhan@un.org](mailto:jaypalsinh.chauhan@un.org)



Thank you!