



# Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP) : Asia Region

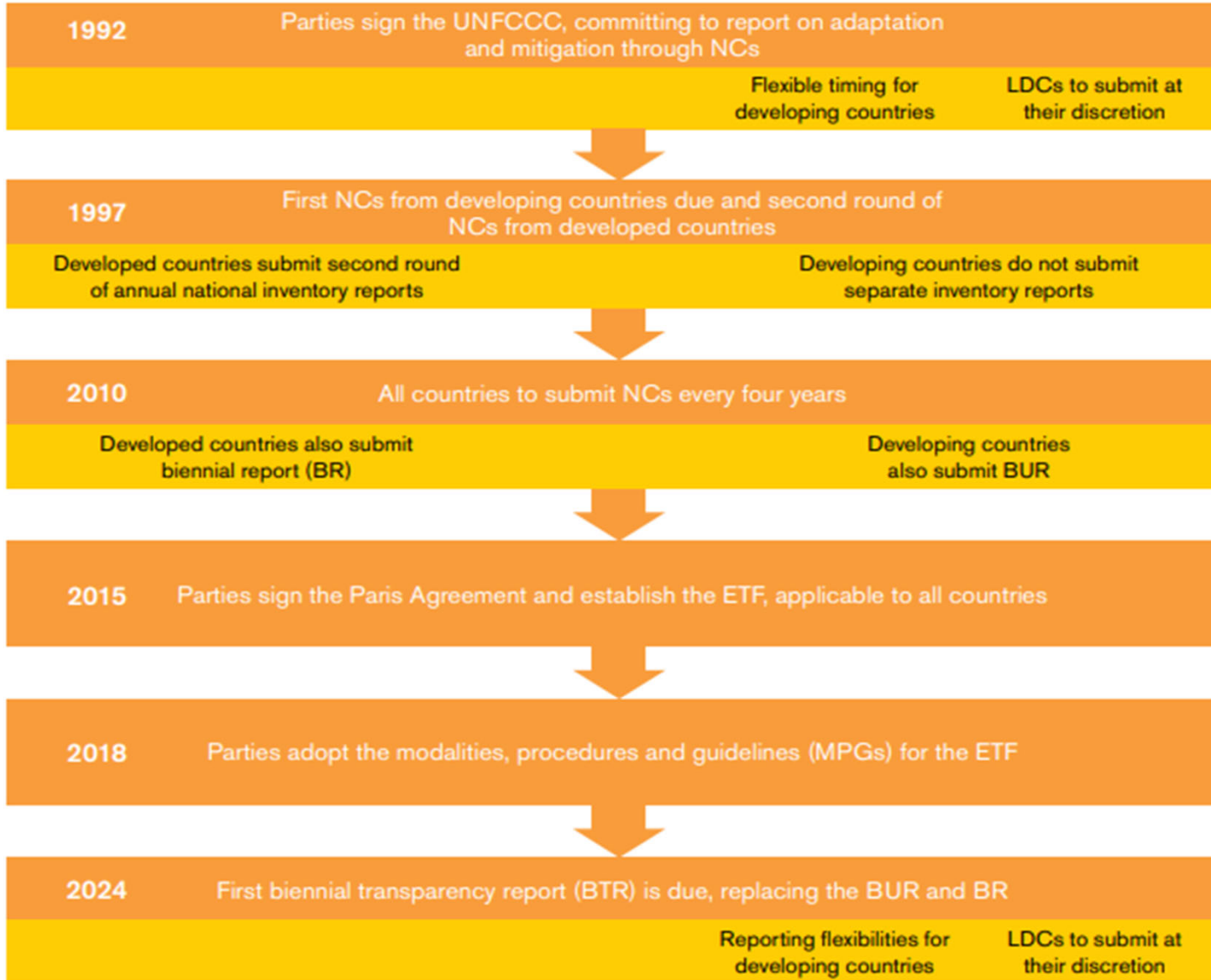
## **Introduction to the new requirements for reporting national GHG inventories under the Paris Agreement, MPGs and associated flexibility provisions**

**Jaypalsinh Chauhan**

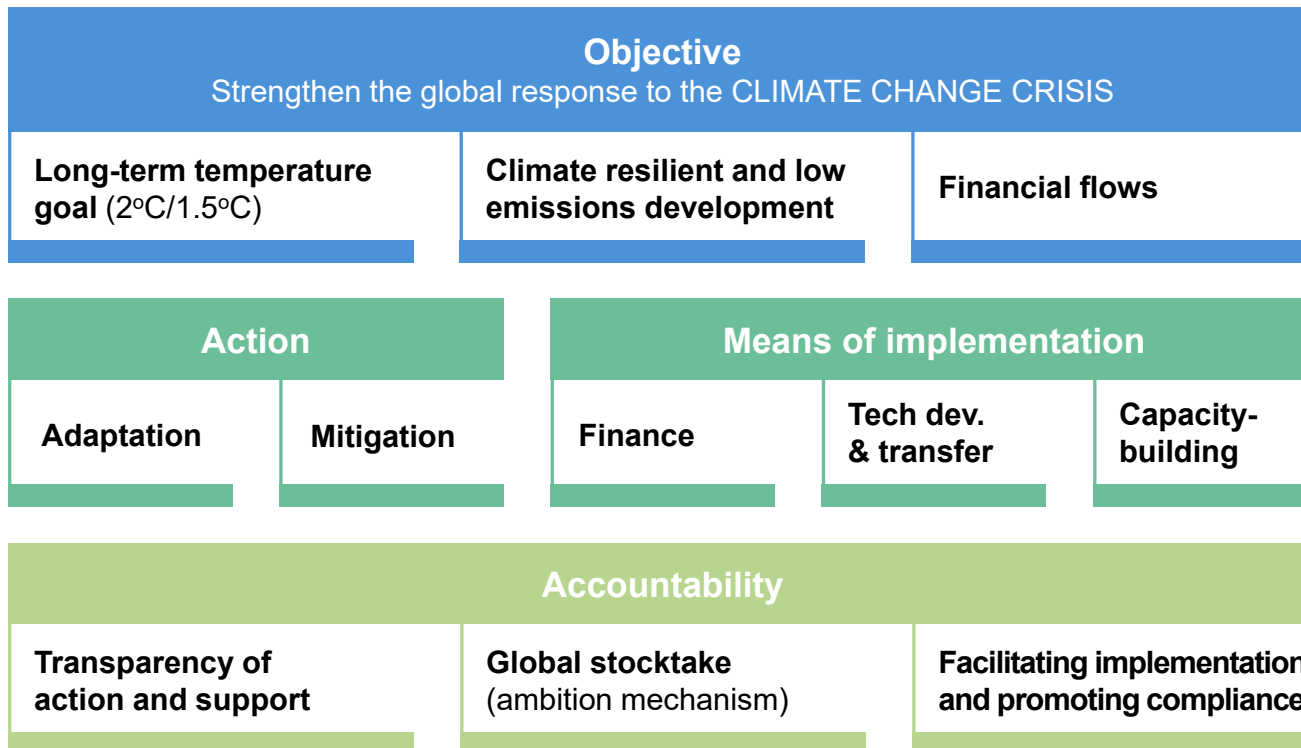
**Asia Transparency Network Coordinator**

**25 April 2024**

ETF in the UNFCCC

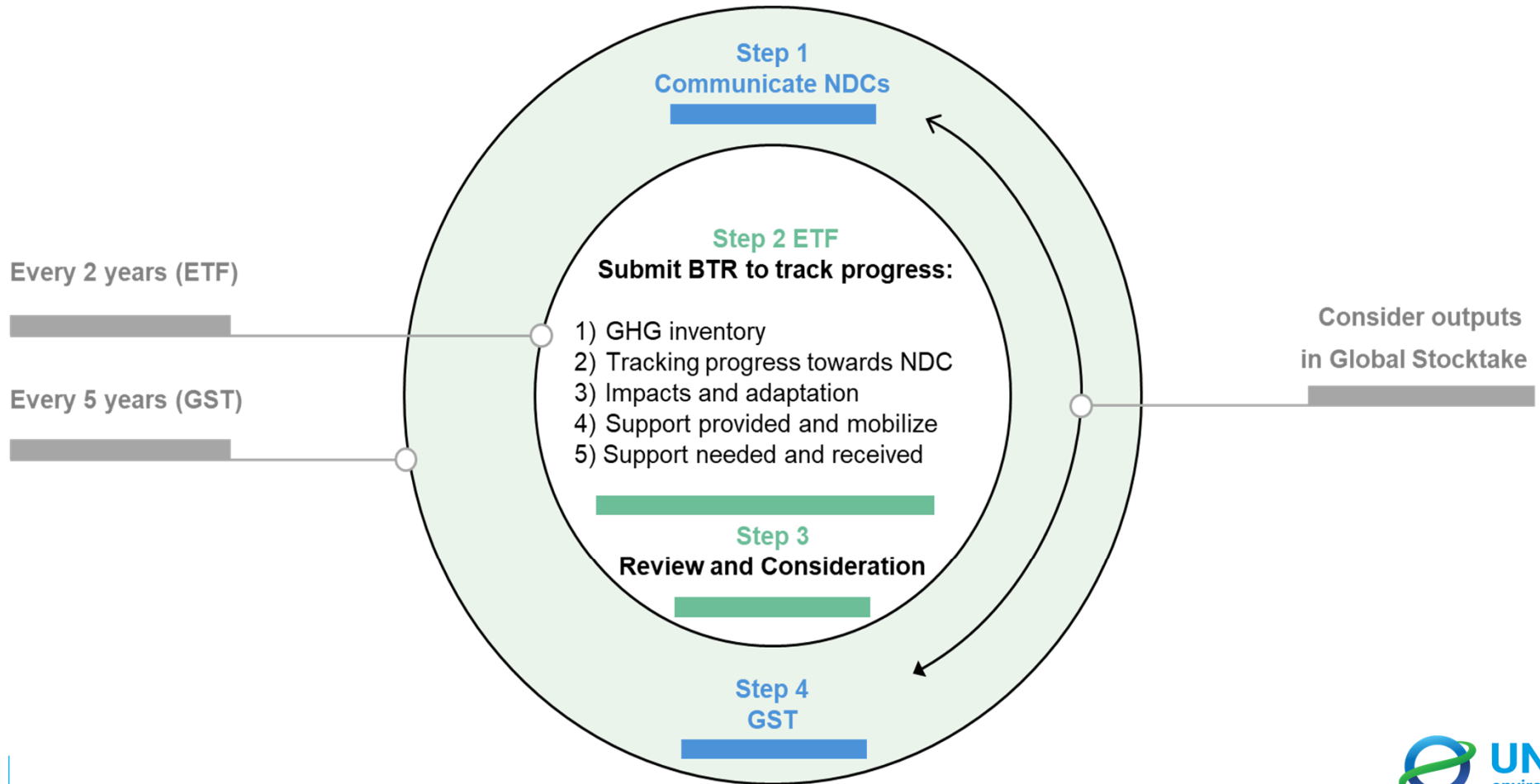


# Understanding the Paris Agreement



- **Article 4** – Mitigation/NDC
- **Article 7** – Adaptation
- **Article 9** – Finance
- **Article 10** – Technology development and transfer
- **Article 11** – Capacity-building
- **Article 13** – Transparency
- **Article 14** – Global Stocktake
- **Article 15** – Compliance

# Paris Agreement – Linking NDCs, ETF and GST



# Fundamentals of Transparency - ETF

**Building on and  
enhancing**

**Continuous  
improvement**

**Different  
starting points**

**Flexibility**

**Support**

# Transparency arrangements

Measurement,  
Reporting and  
Verification (MRV)  
under the  
Convention

Enhanced  
Transparency  
Framework (ETF)  
under the Paris  
Agreement



To communicate the information relevant to the implementation, including on emissions and removals, actions and support;



To provide accurate and reliable data and information;



To build trust and confidence among the Parties;



To promote effective implementation.

And additional benefits including;

- informing domestic policies, plans, strategies and programs;
- improved access to support;
- capacity building;
- political buy-in;
- increased awareness.

# ETF vis-à-vis existing MRV arrangements: Reporting themes

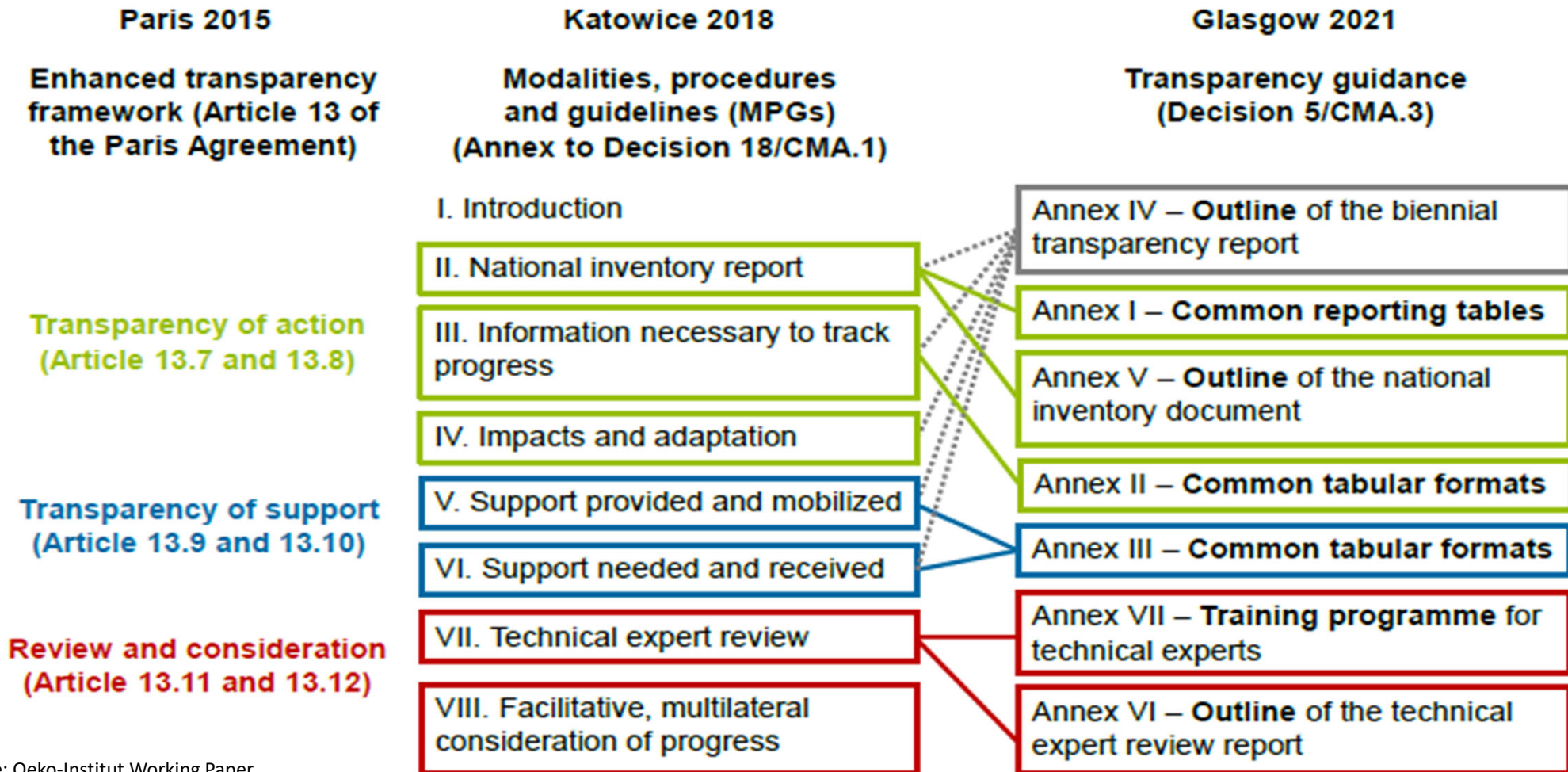
Biennial Update Reports BUR	National communications NC	Biennial transparency reports BTR
<ul style="list-style-type: none"> <li>National greenhouse gas inventory</li> </ul>	<ul style="list-style-type: none"> <li>National greenhouse gas inventory</li> </ul>	<ul style="list-style-type: none"> <li>National greenhouse gas inventory</li> </ul>
<ul style="list-style-type: none"> <li>Mitigation actions and their effects</li> </ul>	<ul style="list-style-type: none"> <li>Programmes containing measures to mitigate climate change</li> </ul>	<ul style="list-style-type: none"> <li>Progress made in implementing and achieving NDCs</li> </ul>
<ul style="list-style-type: none"> <li>Finance, technology and capacity-building needs</li> </ul>	<ul style="list-style-type: none"> <li>Programmes containing measures to facilitate adaptation to climate change</li> <li>Transfer of technology</li> <li>Research and systematic observation</li> <li>Education, training and public awareness</li> <li>Capacity-building</li> <li>Information and networking</li> <li>Constraints and gaps, and related financial, technical and capacity-building needs</li> </ul>	<ul style="list-style-type: none"> <li>Climate change impacts and adaptation (as appropriate)</li> <li>Financial, technology transfer and capacity-building support needed and received</li> </ul>
<p><b>Cancun Agreements (1/CP.16) and Durban Outcomes (2/CP.17)</b></p>	<p><b>Article 4.1 and 12.1 of the Convention; decision 17/CP.8</b></p>	<p><b>Article 13 of the Paris Agreement; decisions 18/CMA.1, 5/CMA.3</b></p>

*Flexibility* ↔ *Areas of improvement*

*It is important to note that the legal nature of these reporting themes differ across the reports.*



# Elements of Article 13 of the Paris Agreement

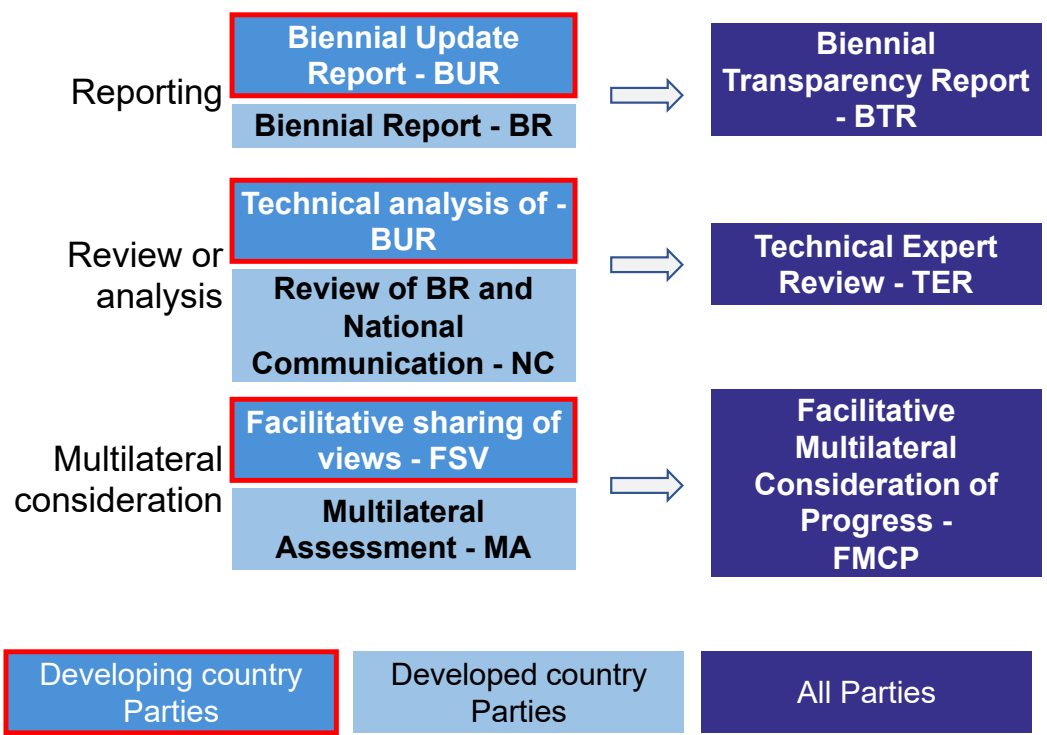




# ETF: Builds on existing MRV arrangements and enhances it

MRV arrangements under the Convention

Enhanced transparency framework (ETF) under the Paris Agreement



**Key areas of enhancement**

- Establishes **common modalities, procedures and guidelines (MPGs) applicable to all Parties** with **flexibility** to those developing countries that need it in the light of their capacities
- Provisions/requirements - mostly mandatory (“**shall**”)
- Parties need to (to the extent possible) identify, regularly update, and report on areas of improvement > **continuous improvement**
- Establishment of **Compliance Committee** (mechanism to facilitate implementation of and promote compliance) - NDCs, reporting, TER and FMCP, and their relationship to Article 15

## Reporting

### Biennial Transparency Report

- I. GHG inventory (*all shall*)
- II. Progress in NDCs (*all shall*)
- III. Adaptation (*all should*)
- IV. Support provided & mobilized (*developed shall*)
- V. Support needed & received (*developing should*)

## Review

### Technical Expert Review

- I. Consistency of information reported
- II. Consideration of progress with and achievement of NDC
- III. Support provided (*developed shall, and other Parties at their discretion*)
- IV. Identification of improvements
- V. Identification of capacity building needs

## Consideration

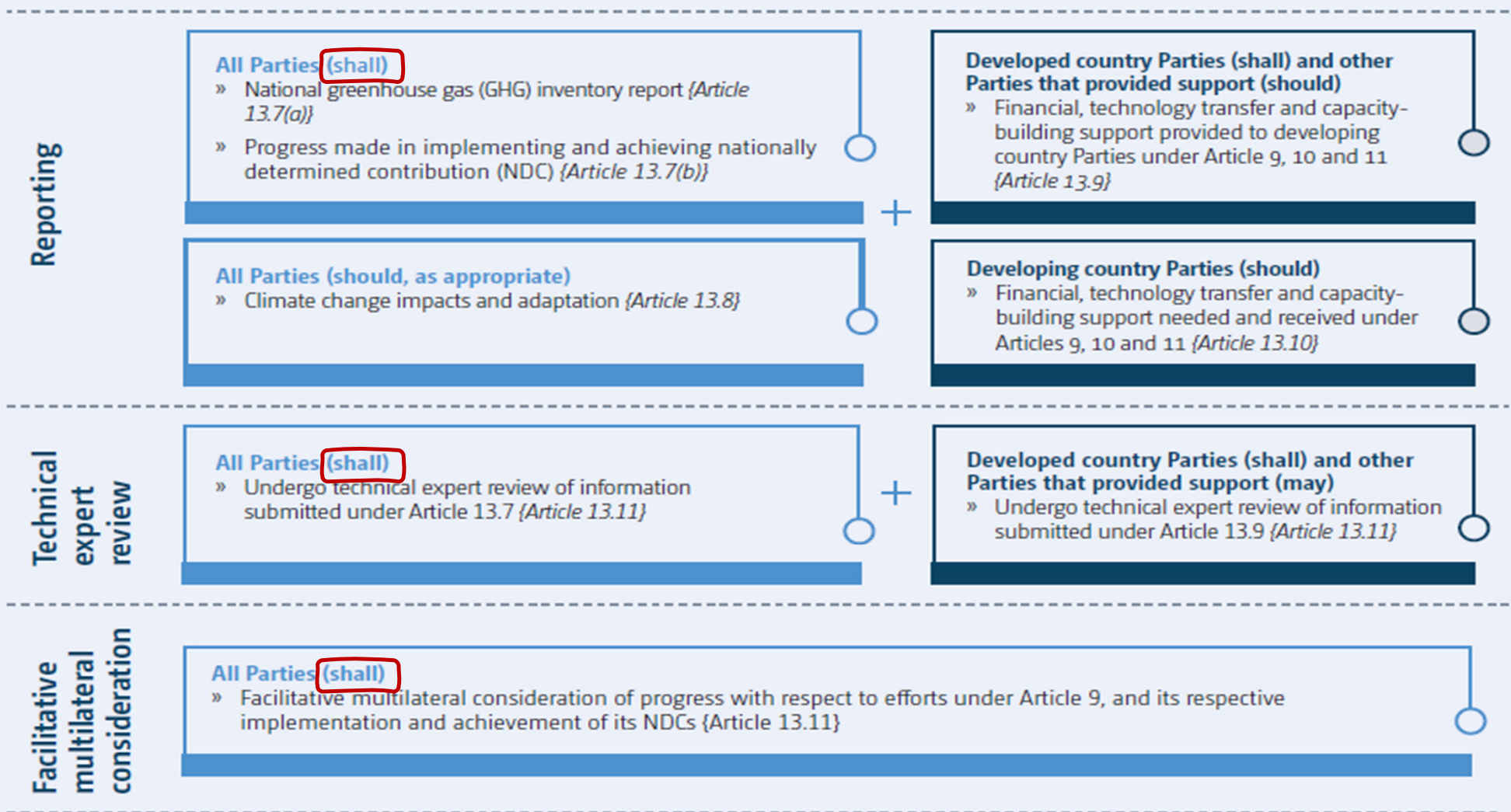
### FMCP

- Online Q&A
- In session presentation and Q&A (*all shall*)

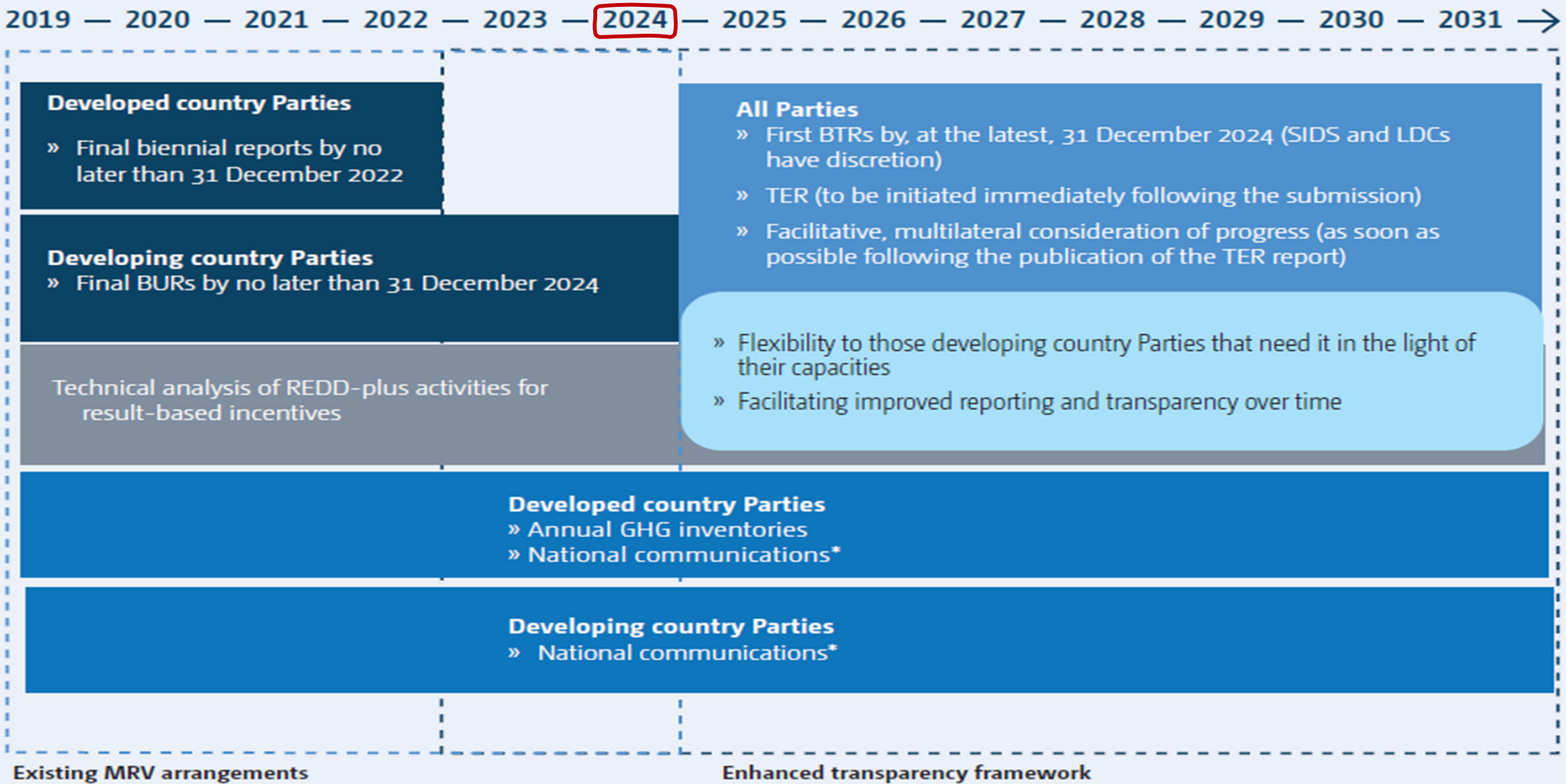
# Elements of Article 13 of the Paris Agreement

- **Paris Agreement** adopted on 12.12.2015
- Article 13: **Enhanced Transparency Framework** established for reporting and review to ensure transparency of action and support
- COP24 (Dec 2018) - Adopted detailed set of **modalities, procedures and guidelines (MPGs)** (18/CMA.1) that makes ETF operational
- COP26 (5/CMA.3) - ground for implementing the ETF by all Parties - Guidance operationalizing the ETF modalities, procedures and guidelines
  - Common reporting tables (**CRTs**) for electronic reporting of GHG emissions/removals;
  - Common tabular formats (**CTFs**) for electronic reporting on progress in NDCs
  - Common tabular formats (**CTFs**) for electronic reporting of information on financial, technology, capacity support needed, received, provided, mobilized
- **31<sup>st</sup> December 2024 deadline** for submission of 1<sup>st</sup> Biennial Transparency Report

# Overview of ETF by Article 13 of the PA



# Indicative timeline of moving towards the ETF



# Outline of the BTR

## BTR

National GHG inventory\*

Progress made in implementing and achieving NDCs\*

Climate change impacts and adaptation (as appropriate)

Financial, technology transfer and capacity-building support

Additional information when NDCs and BTRs submitted jointly

Flexibility

Improvements in reporting

ANNEXES

## Overview of chapters

- I. **National inventory** document of anthropogenic emissions by sources and removals by sinks of GHGs (MPGs, para. 17-58)
- II. Information necessary to **track progress made in implementing and achieving NDCs** under Article 4 of the Paris Agreement (MPGs, para. 59-103)
- III. Information related to **climate change impacts and adaptation** under Article 7 of the Paris Agreement (MPGs, para. 104-117)
- IV. Information on financial, technology development and transfer and capacity-building support **provided and mobilized** under Articles 9–11 of the Paris Agreement (MPGs, para. 118-129)
- V. Information on financial, technology development and transfer and capacity-building **support needed and received** under Articles 9–11 of the Paris Agreement (MPGs, para. 130-145)
- VI. Information to be reported **when NDCs and BTRs are submitted jointly** every four years (1/CP.24, para. 43) (*vulnerability assessment, cc impacts and adaptation measures-if not reported in section III; RSO; education, training and public awareness*)
- VII. Information on **flexibility** (MPGs, para. 6) (*Indication of (1) reporting provisions to which self-determined flexibility is applied, (2) capacity constraints in relation to the application of flexibility and (3) self-determined estimated time frames for improvements in relation to those capacity constraints*)
- VIII. **Improvements in reporting** over time (MPGs, para. 7-8) (*areas of improvement, how these will be addressed, which areas are related to flexibility provisions, reporting-related CB support needs*)
- IX. Any other information the Party considers relevant to the achievement of the objective of the Paris Agreement, and suitable for inclusion in its BTR

Annexes: (i) **Technical annexes for REDD+**, as applicable; (ii) **CRTs for electronic reporting of NIR**; (iii) **CTFs for electronic reporting of tracking progress in NDCs, FTC support** provided/mobilized and/or needed and received; (iv) Information in relation to the Party's **participation in cooperative approaches**, as applicable



# Outline of the NID

Executive Summary (including six sub-sections)

1. National circumstances, institutional arrangements and cross-cutting Information (including nine sub-sections)
2. Trends in greenhouse gas emissions and removals (including two sub-sections)
3. Energy (CRT Sector 1) (including six sub-sections)
4. Industrial processes and product use (CRT sector 2) (including two sub-sections)
5. Agriculture (CRT sector 3) (including two sub-sections)
6. Land use, land-use change and forestry (CRT sector 4) (including four sub-sections)
7. Waste (CRT sector 5) (including two sub-sections)
8. Other (CRT sector 6) (if applicable)
9. Indirect carbon dioxide and nitrous oxide emissions (related to nonmandatory provisions as per para. 52 of the MPGs) (including six sub-sections)
10. Recalculations and improvements (including six sub-sections)

**Annex I:** Key categories (flexibility provided to those developing country Parties that need it in the light of their capacities as per para. 25 of the MPGs)

**Annex II:** Uncertainty assessment (flexibility provided to those developing country Parties that need it in the light of their capacities as per para. 29 of the MPGs)

**Annex III:** Detailed description of the reference approach (including inputs to the reference approach such as the national energy balance) and the results of the comparison of national estimates of emissions with those obtained using the reference approach (related to a nonmandatory provision as per para. 36 of the MPGs)

**Annex IV:** QA/QC plan (related to a non-mandatory provision as per para. 35 of the MPGs, with flexibility provided to those developing country Parties that need it in the light of their capacities as per paras. 34–35 of the MPGs)

**Annex V:** Any additional information, as applicable, including detailed methodological descriptions of source or sink categories and the national emission balance

**Annex VI:** Common reporting tables



# Common Reporting Tables (CRT)

- Prepared for the electronic reporting of information in the NIR of anthropogenic emissions by sources and removals sinks of GHGs
- Set of MS Excel workbook (containing 60 worksheets) for each reported year
- There are three types of table for each year
  - Sectoral Background Tables (white/orange cells) – **Need to fill data at this layer**
  - Sectoral Report Tables (green cells) – **Automatically generated**
  - Summary Tables/Cross-sectoral Tables (blue cells) – **Automatically generated**

Sectoral Background Tables

Sectoral Report Tables

Summary / Cross-sectoral / Trends Tables

# Index of common reporting tables (CRT)

<a href="#">Table1</a> <a href="#">Table1.A(a)s1</a> <a href="#">Table1.A(a)s2</a> <a href="#">Table1.A(a)s3</a> <a href="#">Table1.A(a)s4</a> <a href="#">Table1.A(b)</a> <a href="#">Table1.A(c)</a> <a href="#">Table1.A(d)</a> <a href="#">Table1.B.1</a> <a href="#">Table1.B.2</a> <a href="#">Table1.C</a> <a href="#">Table1.D</a>	<b>Energy</b>
<a href="#">Table2(I)</a> <a href="#">Table2(I).A-H</a> <a href="#">Table2(II)</a> <a href="#">Table2(II)B-Hs1</a> <a href="#">Table2(II)B-Hs2</a>	<b>IPPU</b>
<a href="#">Table3</a> <a href="#">Table3.A</a> <a href="#">Table3.B(a)</a> <a href="#">Table3.B(b)</a> <a href="#">Table3.C</a> <a href="#">Table3.D</a> <a href="#">Table3.E</a> <a href="#">Table3.F</a> <a href="#">Table3.G-J</a>	<b>Agriculture</b>

<a href="#">Table4</a> <a href="#">Table4.1</a> <a href="#">Table4.A</a> <a href="#">Table4.B</a> <a href="#">Table4.C</a> <a href="#">Table4.D</a> <a href="#">Table4.E</a> <a href="#">Table4.F</a> <a href="#">Table4(I)</a> <a href="#">Table4(II)</a> <a href="#">Table4(III)</a> <a href="#">Table4(IV)</a> <a href="#">Table4.Gs1</a> <a href="#">Table4.Gs2</a>	<b>LULUCF</b>
<a href="#">Table5</a> <a href="#">Table5.A</a> <a href="#">Table5.B</a> <a href="#">Table5.C</a> <a href="#">Table5.D</a>	<b>Waste</b>
<a href="#">Summary1</a> <a href="#">Summary2</a> <a href="#">Summary3</a>	<b>Summary Tables</b>

<a href="#">Table6</a> <a href="#">Table7</a> <a href="#">Table8s1</a> <a href="#">Table8s2</a> <a href="#">Table9</a>	<b>Cross Cutting (Key Category, Recalculation)</b>
<a href="#">Table10s1</a> <a href="#">Table10s2</a> <a href="#">Table10s3</a> <a href="#">Table10s4</a> <a href="#">Table10s5</a> <a href="#">Table10s6</a>	<b>Trend Tables</b>
<a href="#">Flex_Summary</a>	<b>Flexibility Provisions</b>

# Notation Keys

- **“NO” (not occurring)** for categories or processes, including recovery, that do not occur within a country.
- **“NE” (not estimated)** for activity data and/or emissions by sources and removals by sinks of GHGs that have not been estimated but for which a corresponding activity may occur within a country; Where “NE” is used by a country to report emissions or removals of CO<sub>2</sub>, N<sub>2</sub>O, CH<sub>4</sub>, HFCs, PFCs, SF<sub>6</sub> or NF<sub>3</sub>, the country must indicate in both the NID and the CRT 9 why such emissions or removals have not been estimated.
- **“NA” (not applicable)** for activities under a given category that do occur within the country but do not result in emissions or removals of a specific gas; If the cells for categories in the CRT for which “NA” is applicable are shaded gray they do not need to be filled in.
- **“IE” (included elsewhere)** for emissions by sources and removals by sinks of GHGs estimated but included elsewhere in the inventory instead of under the expected category. Where “IE” is used, the country should indicate, in CRT 9 where in the inventory the emissions or removals for the displaced source or sink category have been included and explain the deviation.
- **“C” (confidential)** for emissions by sources and removals by sinks of GHGs where the reporting would involve the disclosure of confidential information.
- **“FX” (flexibility)** for cells where data is not available or reported because of a flexibility provision applied by a country that needed flexibility in the light of its capacity


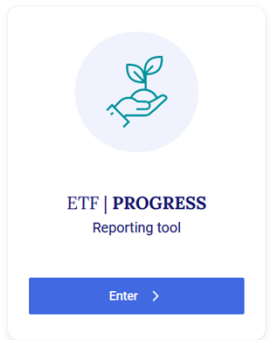
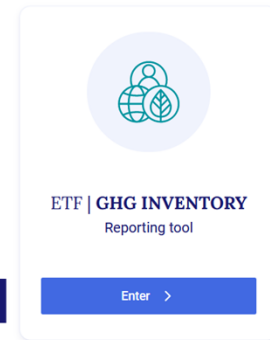
# New ETF reporting tool

Homepage -

<https://apps.unfccc.int/home>

Use any internet browser (e.g., Firefox, Edge, Chrome, or Safari) on your PC.

Please select one of the ETF reporting tools



Please select an option to start working on a CTF version

**Create blank version** Start  
Please select this option to create a new blank version and start working on it.

**Select an existing version** Start  
Please select this option if you would like to work on or make a copy of an existing version.

**Upload a file** Start  
Please select this option if you would like to create a new version by uploading a JSON file.

- **Understanding the Framework:** Familiarize yourself with the Enhanced Transparency Framework (ETF) requirements to enhance transparency in reporting greenhouse gas emissions.
- **Data Collection and Reporting:** Ensure accurate and comprehensive data collection from various sectors to report on all sources and sinks of greenhouse gas emissions in your country.
- **Quality Assurance and Quality Control:** Implement robust quality assurance and quality control processes to validate the accuracy and reliability of the reported data.
- **Sectoral Guidance:** Follow sector-specific guidance provided by the ETF to ensure consistency in reporting across different sectors of the economy.
- **Capacity Building:** Invest in capacity building initiatives to train staff members involved in preparing national greenhouse gas inventories, ensuring they have the necessary skills and knowledge.
- **Stakeholder Engagement:** Engage with stakeholders, including government agencies, private sector entities, and civil society organizations, to promote transparency and inclusivity in the inventory preparation process.
- **Documentation and Reporting Tools:** Utilize appropriate documentation and reporting tools recommended by the ETF to facilitate the preparation of national greenhouse gas inventories.
- **Peer Review and Feedback:** Seek peer review and feedback from experts in the field to improve the quality and accuracy of the inventory before submission.
- **Continuous Improvement:** Embrace a culture of continuous improvement by learning from past reporting experiences and incorporating best practices into future inventory preparation processes.
- **Compliance and Deadlines:** Adhere to compliance requirements and meet deadlines to demonstrate your commitment to transparency and accountability in reporting greenhouse gas emissions.





[www.climate-transparency-platform.org](http://www.climate-transparency-platform.org)

Welcome to the  
Climate  
Transparency  
Platform

LEARN MORE

# Thank you for your attention !

Please reach out to us for any question, comments or suggestions!



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