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# The ETF Reporting Tools

(test version)

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

Training Workshop for Asia Region  
Seoul, Republic of Korea – 11-13 Sep 2023



**Lonava Tahreen, Transparency Division**

**United Nations**  
Climate Change Secretariat



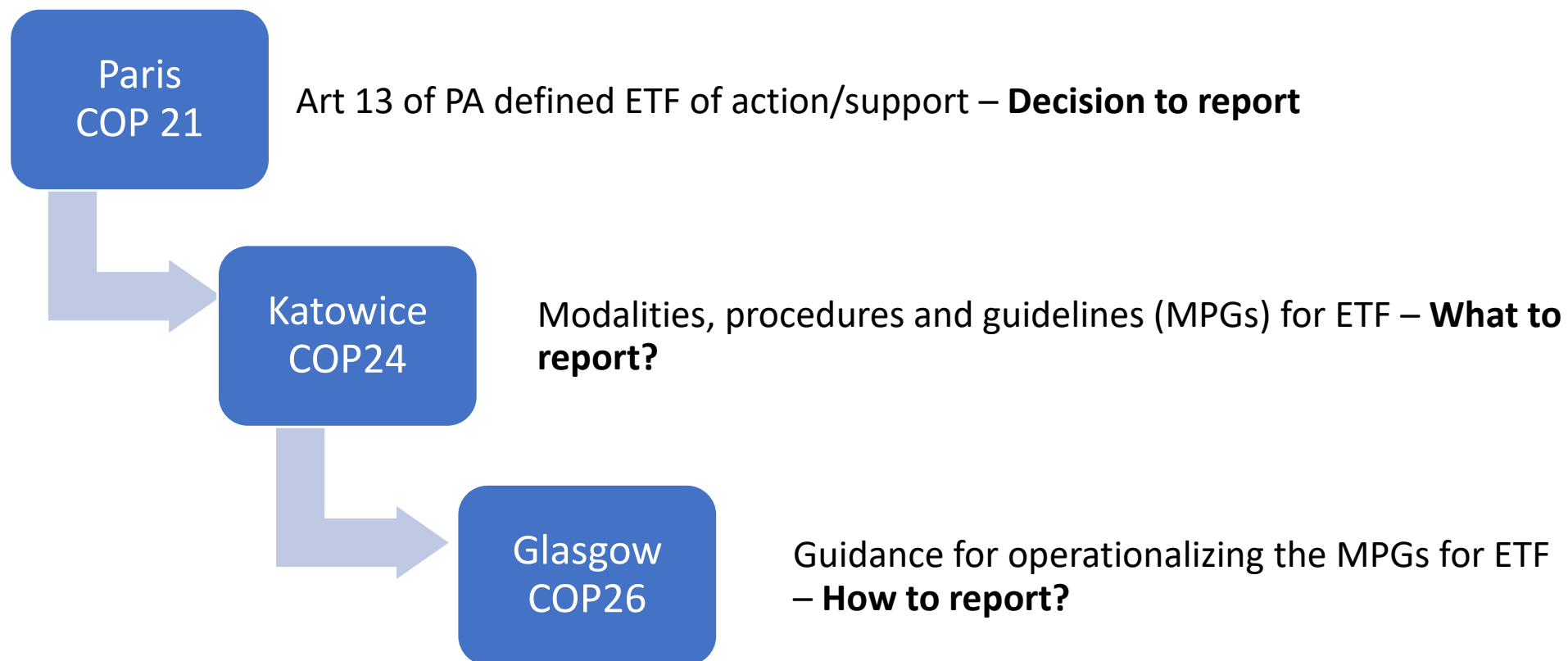


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**Background and Timeline of the  
ETF Reporting Tools**

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## Key outcomes on ETF at COP 26 (Glasgow) in 2021

Finalized discussions on the MPGs for ETF (decision 5/CMA.3) and adoption of:

- **Common reporting tables (CRT) for reporting the GHG inventories**
- **Common tabular formats (CTF1) for tracking progress in implementing NDCs**
- **Common tabular formats (CTF2) for FTC support provided and mobilized**
- Outlines of the Biennial Transparency Report (BTR) & national inventory document (NID)
- Training programme for technical experts participating in reviews

} **Reporting tools**

**First BTRs are due by 31 December 2024**

**Requested SBSTA** to develop, pursuant to the MPGs:

- **common reporting tables (CRT)** for the electronic reporting of info on **GHG emissions**
- **common tabular formats (CTFs)** for the electronic reporting of info on **tracking progress in achieving NDCs** and of info on **financial, technology development/transfer and capacity-building (FTC) support**

**Decision 18/CMA.1**

**Adopted:**

- **CRT** for the electronic reporting of the info in the national inventory reports of **GHG emissions**
- **CTF** for the electronic reporting of the info on **tracking progress in achieving NDCs**
- **CTF** for the electronic reporting of the info on **FTC support**

**Decision 5/CMA.3**

**Requested the secretariat to:**

- Develop the **reporting tools**, taking into account the **flexibility** provisions
- Make available a **test version by June 2023** and a **final version of the tools by June 2024** (*timely availability of sufficient financial resources*)
- **Inform Parties** on the progress at SBSTA sessions
- Organize **regular technical training workshops**
- **Prepare a report** on how the inputs of Parties on the test version have been considered
- Facilitate **interoperability** with the **IPCC inventory software** and invite IPCC to engage in the work incl. by completing a **mapping exercise** between 2006 IPCC GLs and CRT
- Establish an **interactive web portal by Dec. 2025** to facilitate the availability of FTC support info

**Decision 5/CMA.3**

## Key outcomes on ETF at COP 26 (Glasgow) in 2021

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Reporting  
tools

**First BTRs are due by 31 December 2024**

# CRT for Reporting GHG Inventories



TABLE 2(I) SECTORAL REPORT FOR INDUSTRIAL PROCESSES AND PRODUCT USE

(Sheet 1 of 1)

Year  
Submission  
Country

[Back to Index](#)

GREENHOUSE GAS SOURCE AND SINK CATEGORY	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs <sup>(1)</sup>	PFCs <sup>(1)</sup>	Unspecifie d mix of HFCs and PFCs <sup>(1)</sup>	SF <sub>6</sub>	NF <sub>3</sub>	NO <sub>x</sub>	CO	NM VOC	SO <sub>x</sub>	Total GHG emissions <sup>(2)</sup>
	(kt)			CO <sub>2</sub> equivalent (kt) <sup>(3)</sup>			(kt)						CO <sub>2</sub> equivalents (kt) <sup>(3)</sup>
<b>2. Total industrial processes</b>													
<b>2.A. Mineral industry</b>													
2.A.1. Cement production													
2.A.2. Lime production													
2.A.3. Glass production													
2.A.4. Other process uses of carbonates													
<b>2.B. Chemical industry</b>													
2.B.1. Ammonia production													
2.B.2. Nitric acid production													
2.B.3. Adipic acid production													
2.B.4. Caprolactam, glyoxal and glyoxylic acid production													
2.B.5. Carbide production													
2.B.6. Titanium dioxide production													
2.B.7. Soda ash production													
2.B.8. Petrochemical and carbon black production													
2.B.9. Fluorochemical production													
2.B.10. Other													
<b>2.C. Metal industry</b>													
2.C.1. Iron and steel production													

► ... Table1.B.1 Table1.B.2 Table1.C Table1.D **Table2(I)** Table2(I).A-H

TABLE 3.A SECTORAL BACKGROUND DATA FOR AGRICULTURE

Enteric Fermentation

(Sheet 1 of 1)

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Year  
Submission  
Country

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	ACTIVITY DATA AND OTHER RELATED INFORMATION			IMPLIED EMISSION FACTORS	EMISSIONS
	Population size <sup>(1)</sup> (1000s)	Average gross energy intake (GE) (MJ/head/day)	Average CH <sub>4</sub> conversion rate (Y <sub>m</sub> ) <sup>(2)</sup> (%)	CH <sub>4</sub> (kg CH <sub>4</sub> /head/yr)	CH <sub>4</sub> (kt)
3.A.1. Cattle					
<i>Option A:</i>					
3.A.1.a. Dairy cattle					
3.A.1.b. Non-dairy cattle					
<i>Option B (country-specific):<sup>(3)</sup></i>					
3.A.1.a. Other					
<i>Drop-down list:</i>					
3.A.1.a.i. Mature dairy cattle					
3.A.1.a.ii. Other mature cattle					
3.A.1.a.iii. Growing cattle					
3.A.1.a.iv. Other (please specify)					
3.A.2. Sheep					
3.A.2.a. Other (please specify)					
3.A.3. Swine					
3.A.3.a. Other (please specify)					

► ... Table1.B.1 Table1.B.2 Table1.C Table1.D Table2(I) Table2(I).A-H Table2(II) Table2(II).B-Hs1 Table2(II).B-Hs2 Tab

# CTF for Tracking Progress in Implementing NDCs



## 5. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving a nationally determined contribution under Article 4 of the Paris Agreement<sup>a, b</sup>

Name <sup>c</sup>	Description <sup>d, e, f</sup>	Objectives	Type of instrument <sup>g</sup>	Status <sup>h</sup>	Sector(s) affected <sup>i</sup>	Gases affected	Start year of implementation	Implementing entity or entities	Estimates of GHG emission reductions (kt CO <sub>2</sub> eq) <sup>k</sup>	
									Achieved	Expected

<sup>a</sup> Each Party shall provide information on actions, policies and measures that support the implementation and achievement of its NDC under Article 4 of the Paris Agreement, focusing on those that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory. This information shall be presented in narrative and tabular format (para. 80 of the MPGs).

<sup>b</sup> For each Party with an NDC under Article 4 of the Paris Agreement that consists of mitigation co-benefits resulting from Parties' adaptation actions and/or economic diversification plans consistent with Article 4, para. 7, information to be reported under paras. 80, 82 and 83 of the MPGs includes relevant information on policies and measures contributing to mitigation co-benefits resulting from adaptation actions or economic diversification plans (para. 84 of the MPGs).

<sup>c</sup> Parties may indicate whether a measure is included in the 'with measures' projections.

<sup>d</sup> Additional information may also be provided on the cost of the mitigation actions, non-GHG mitigation benefits, and how the mitigation action interacts with other mitigation actions, as appropriate (para. 83(a-c) of the MPGs).

<sup>e</sup> Parties should identify actions, policies and measures that influence GHG emissions from international transport (para. 88 of the MPGs).

<sup>f</sup> Parties should, to the extent possible, provide information about how actions, policies and measures are modifying longer-term trends in GHG emissions and removals (para. 89 of the MPGs).

<sup>g</sup> Parties shall, to the extent possible, provide information on the types of instrument: regulatory, economic instrument or other (para. 82(d) of the MPGs).

<sup>h</sup> Parties shall, to the extent possible, use the following descriptive terms to report on status of implementation: planned, adopted or implemented (para. 82(e) of the MPGs).

<sup>i</sup> Parties shall, to the extent possible, provide information on sector(s) affected: energy, transport, industrial processes and product use, agriculture, LULUCF, waste management or other (para. 81 and 82(f) of the MPGs).

<sup>j</sup> Each Party shall provide, to the extent possible, information on the types of instrument: regulatory, economic instrument or other (para. 82(d) of the MPGs).

<sup>k</sup> To the extent available, and where appropriate, provide information on the types of instrument: regulatory, economic instrument or other (para. 82(d) of the MPGs).

**Custom footnotes:**

**Documentation box:**

Indicator(s) selected to track progress of the NDC or portion of NDC under Article 4 of the Paris Agreement (paras. 65 and 77(a) of the MPGs):	Reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate (paras. 67 and 77(a)(i) of the MPGs)	Unit, as applicable	Implementation period of the NDC covering information for previous reporting years, as applicable, and the most recent year, including the end year or end of period (paras. 68 and 77(a)(ii-iii) of the MPGs)						Target level <sup>g</sup>	Target year or period	Progress made towards the NDC, as determined by comparing the most recent information for each selected indicator, including for the end year or end of period, with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) (paras. 69-70 of the MPGs)
			Year 1	Year 2	...	...	...	End year			
{Indicator}											
{Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, baseline for the portion of NDC, target values, mitigation effects of policies and measures, etc.}											
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC (para. 77(b) of the MPGs)											
Contribution from the LULUCF sector for each year of the target period or target year, if not included in the inventory time series of total net GHG emissions and removals, as applicable (para. 77(c) of the MPGs)											
Each Party that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement, or authorizes the use of mitigation outcomes for international mitigation purposes other than achievement of the NDC, shall provide (para. 77(d) of the MPGs):											
If applicable, an indicative multi-year emissions trajectory, trajectories or budget for its NDC implementation period (para. 77(e) of the MPGs)											

## 8. Information on projections of greenhouse gas emissions and removals under a 'with additional measures' scenario<sup>a, b</sup>

Sector <sup>d</sup>	Most recent year in the Party's national inventory report (kt CO <sub>2</sub> eq) <sup>f</sup>	Projections of GHG emissions and removals (kt CO <sub>2</sub> eq) <sup>e</sup>		
	20XX	20X(0)(5)	20X(10)(5)	20X(15)(5)
Energy				
Transport				
Industrial processes and product use				
Agriculture				
LULUCF				
Waste				
Other (specify)				
<b>Gas</b>				
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF				
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF				
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF				
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF				
N <sub>2</sub> O emissions including N <sub>2</sub> O from LULUCF				
N <sub>2</sub> O emissions excluding N <sub>2</sub> O from LULUCF				

**CF**

Projections pursuant to paras. 93-101 of the MPGs; those developing country Parties that need flexibility are instead encouraged to report such projections (para. 92 of the MPGs). Country Parties that need flexibility in the light of their capacities with respect paras. 93-101 of the MPGs can detailed methodology or coverage (para. 102 of the MPGs). Information from the most recent year in the Party's national report and extend at least 15 years beyond the next year for developing country Parties that need flexibility in the light of their capacities with respect to this flexibility to instead extend their projections at least to the end point of their NDC under Article 4 of the Paris Agreement (MPGs). para. 82(f) of the MPGs.



# CTF for FTC Support Provided and Mobilized



**Table III.2**  
**Information on financial support provided under Article 9 of the Paris Agreement in year 2XXX-3:<sup>a, b, c</sup> multilateral channels**

Exchange rate used: \_\_\_\_\_

Institution <sup>f</sup>	Amount <sup>c, d</sup>										Recipient, <sup>c, e, g</sup>	Title of the project, program, activity or other <sup>c, e, g, h</sup>	Status <sup>e</sup>	Channel <sup>f</sup>
	Inflows <sup>c, e</sup>					Outflows <sup>c, e</sup>								
	Core/general <sup>c, e, f</sup>				Climate-specific <sup>e</sup>		Climate-specific <sup>e</sup>							
	Face value		Grant equivalent		Face value		Grant equivalent		Face value					
Domestic currency	USD	Domestic currency	USD	Domestic currency	USD	Domestic currency	USD	Domestic currency	USD	Domestic currency	USD	Country	Disbursed	Multilateral
												Region <sup>i</sup>	Committed	Multi-
Adaptation Fund												Country	Disbursed	Multilateral
African Development Bank												Region <sup>i</sup>	Committed	Multi-
Asian Development Bank														
Capacity-building Initiative for Transparency														
Climate Technology Centre and Network														
European Bank for Reconstruction and Development														
Global Environment Facility														
Green Climate Fund														
Inter-American Development Bank														
International Finance Corporation														
Least Developed Country Fund														

**Table III.7**  
**Information on financial support received by developing country Parties under Article 9 of the Paris Agreement<sup>a, b</sup>**

Exchange rate used: \_\_\_\_\_

Title of activity, programme, project or other <sup>c, d</sup>	Programme/ project description <sup>c</sup>	Channel <sup>f</sup>	Recipient entity <sup>c</sup>	Implementing entity <sup>c</sup>	Amount received (climate-specific) <sup>c</sup>		Time frame <sup>c</sup>	Financial instrument <sup>e</sup>	Status <sup>e</sup>	Type of support <sup>e</sup>	Sector <sup>e</sup>
					Domestic currency	USD					
		Multilateral						Grant	Committed	Adaptation	Energy
		Bilateral						Concessional loan	Received	Mitigation	Transport
		Regional						Non-concessional loan		Cross-cutting <sup>e</sup>	Industry
		Other (specify) <sup>d</sup>						Equity			Forestry
								Guarantee			Water and sanitation
								Insurance			Cross-cutting
								Other (specify) <sup>d</sup>			Other (specify) <sup>d</sup>

Notation keys: NA = not applicable; UA = information not available at the time of reporting. NR = not reported (to indicate the voluntary character of the support)

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# Implementation Approach - IT Project



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- Parties **submit the mandatory information and data in the formats agreed** - comprehensive analysis, comparison, and assessment of progress - **feed info into the GST and NDC cycles**
- Complex IT project covering the development of **3 new reporting tools** using a common framework:
  - **ETF GHG Inventory Reporting Tool** = CRT (Common Reporting Tables for GHG emissions)
  - **ETF Progress Reporting Tool** = CTF NDC (Common Tabular Format for tracking progress in achieving NDC)
  - **ETF Support Reporting Tool** = CTF FTC (Common Tabular Format on finance, tech. and CB support)
- UNFCCC institutional **knowledge and experience** (CRF Reporter, BR CTF, etc.) & **Parties/experts views**
- New tools require **additional skills, expertise and coordination**, apart from solving countless technical aspects
- **Complexity:**
  - All Parties, incl. ~150 developing countries; 3,000+ users
  - Online/offline; flexibility provisions
  - Interoperability with IPCC software
  - Timing & Funding

**Elevated level of complexity** - dependencies among the modular building blocks

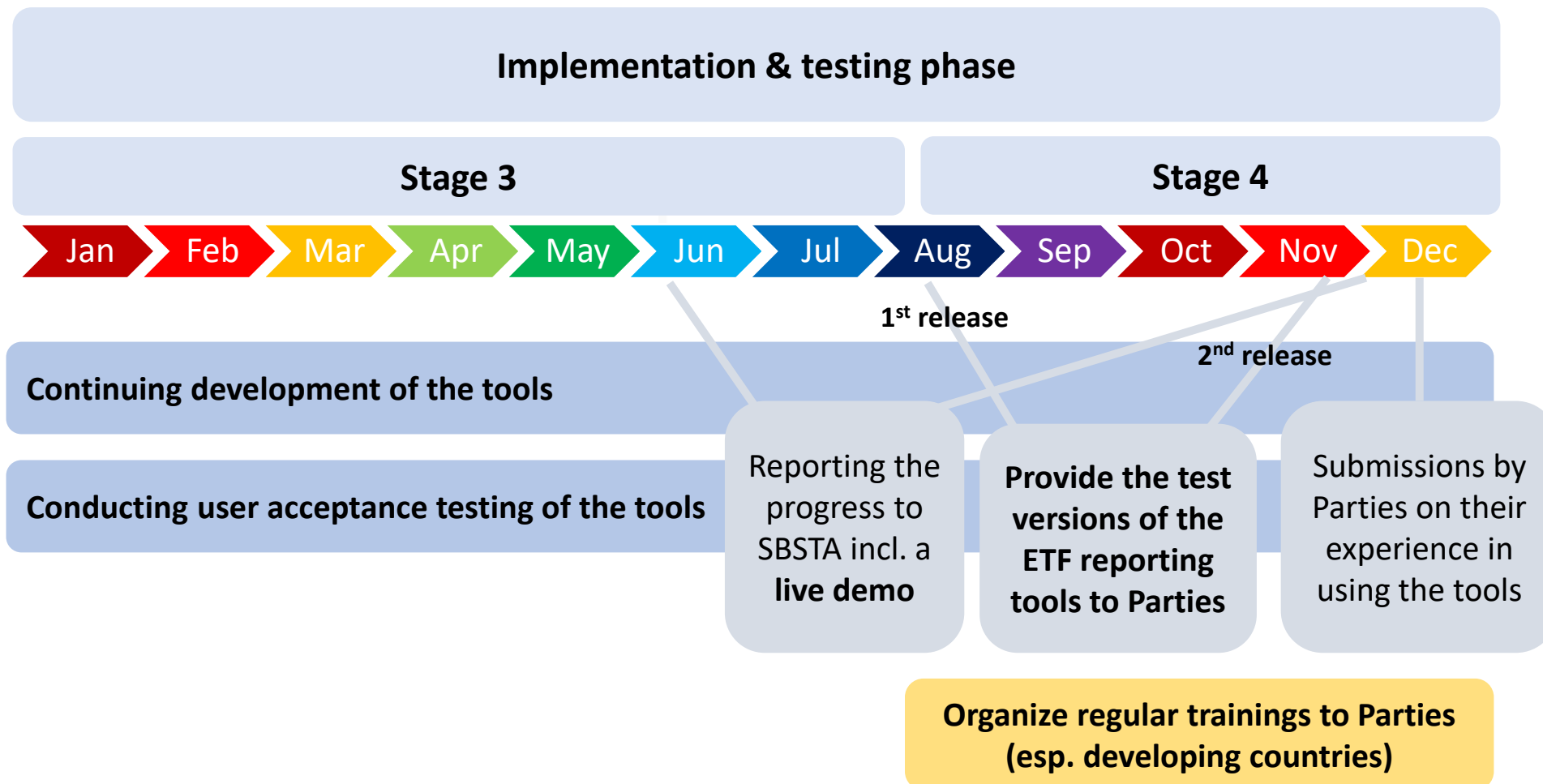
IT architecture - **interconnected and inter-dependent technical engines:**

- **Rendering engine**: render and input data, providing an accessible, user friendly, streamlined interface
- **Validation engine**: validation services (defined by metadata) in browser and server-side
- **Calculation engine**: data calculation services (defined by metadata) in browser and server-side
- **Metadata engine**: dynamically structure and validate data following a metadata schema (CMA decisions)
- **Import/export engine**: import/export data drafts across client and server, including a compatibility layer with the IPCC Inventory software
- **Reporting engine**: generate the agreed reporting tables in Excel based on the data entered
- **Storage engine**: offline structured storage for applications using browser Web Storage facilities

User management and authentication **reuse standard UNFCCC services**

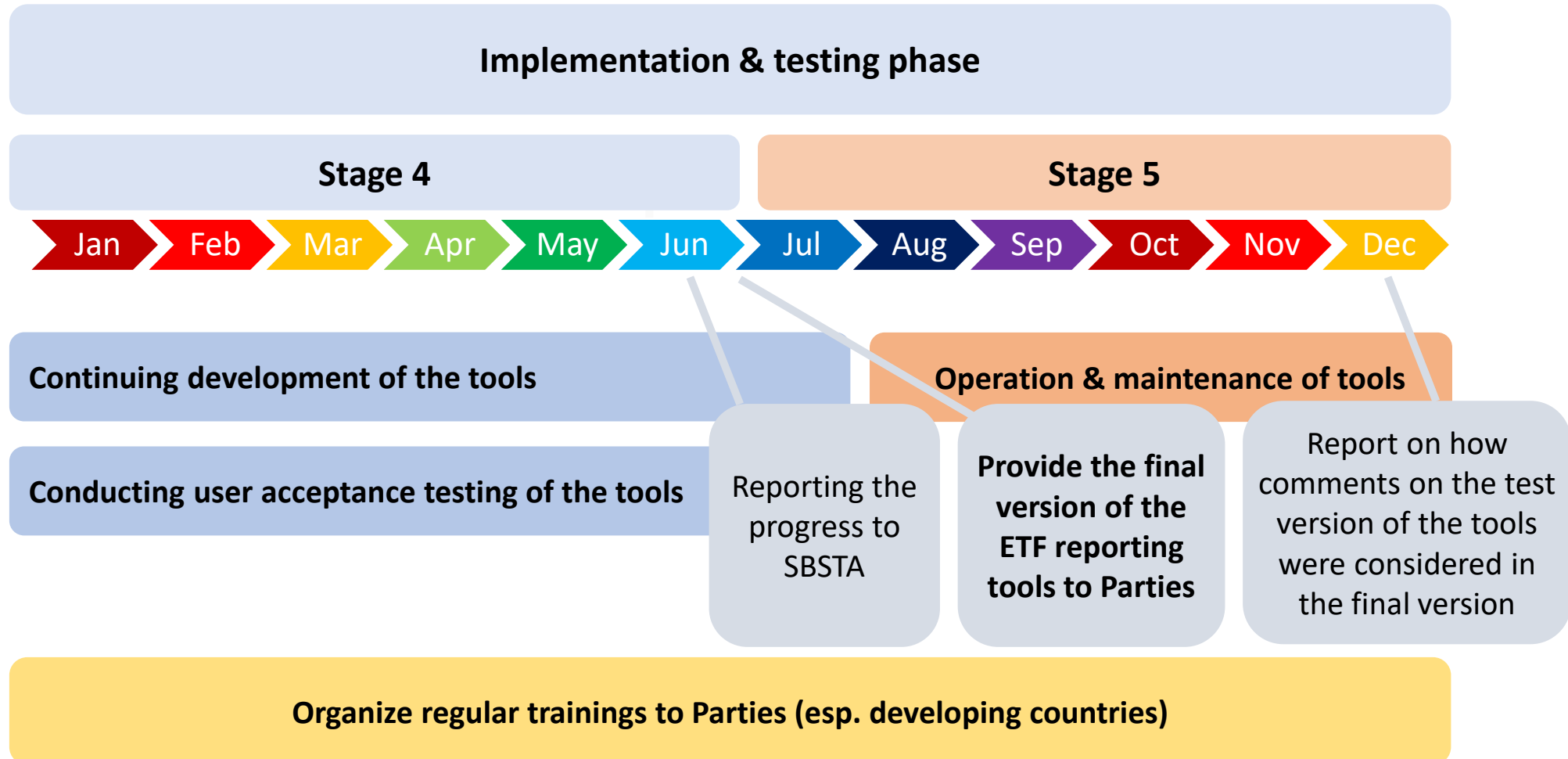


## 2023





## 2024



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# Scope of the Test version of the new ETF reporting tools



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## GHG Inventory:

- Energy sector – all tables (12)
- Waste sector – all tables (5)
- Interoperability with IPCC Inventory Software

## ETF Progress:

- Mitigation policies and measures, actions and plans – Table 5
- Information on projections of greenhouse gas emissions and removals:
  - Table 7 (with measures)
  - Table 8 (with additional measures)
  - Table 9 (without measures)
- Key underlying assumptions and parameters used for projections – Table 11

## ETF Support:

- Financial support mobilized through public interventions – Table III.3
- Support needed: Financial – Table III.6
- Support received: Financial – Table III.7





- Continuing development of the back-end solution and UI/UX design
- Conducting in person hands-on trainings and virtual Q&A sessions
- Continuing the work with IPCC for the interoperability with IPCC software
- Mid-November - second release of the test version of the ETF reporting tools
- Provision of user support incl. quick start guide (guidance to users) and email for raising technical issues
- Parties' views and feedback - to be submitted officially via the submission portal
- Initiating the preparatory work on the new ETF review tools and Data Warehouse Project

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# ETF PROGRESS Reporting Tool

## Live Demonstration



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- The test version release is for testing/training only
- Please **DO NOT** initiate work on **an official submission** with the current test version of the ETF Reporting tool as there could be data losses due to multiple releases and version deployments

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

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

## Access and Create a new Version


Landing Page

Create a new version

Specify year and version type




Please select one of the ETF reporting tools




ETF | GHG INVENTORY  
Reporting tool

Enter >



ETF | PROGRESS  
Reporting tool

Enter >



ETF | SUPPORT  
Reporting tool

Enter >



Please select an option to start working on a CTF version

**Create blank version**

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

Start

**Select an existing version**

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

Start

**Upload a file**

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

Start

## Specify version settings, applicable flexibility provisions

Specify YES/No to  
Flexibility

Application of flexibility  
options as applicable

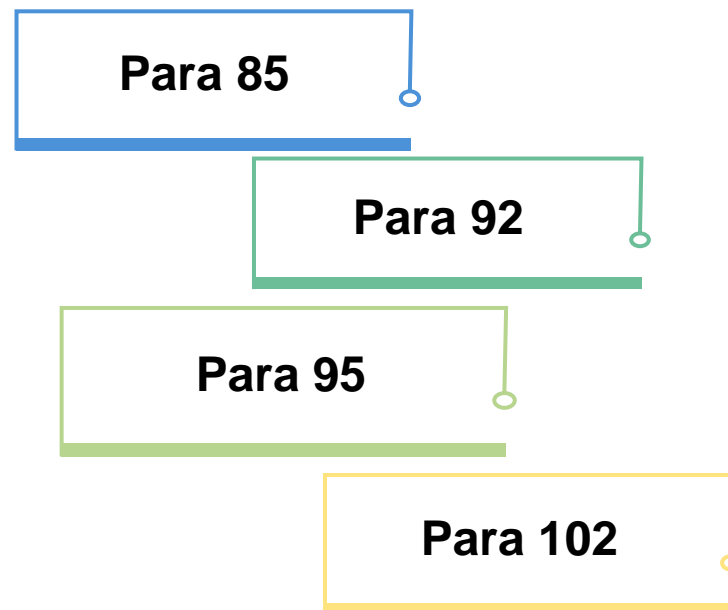
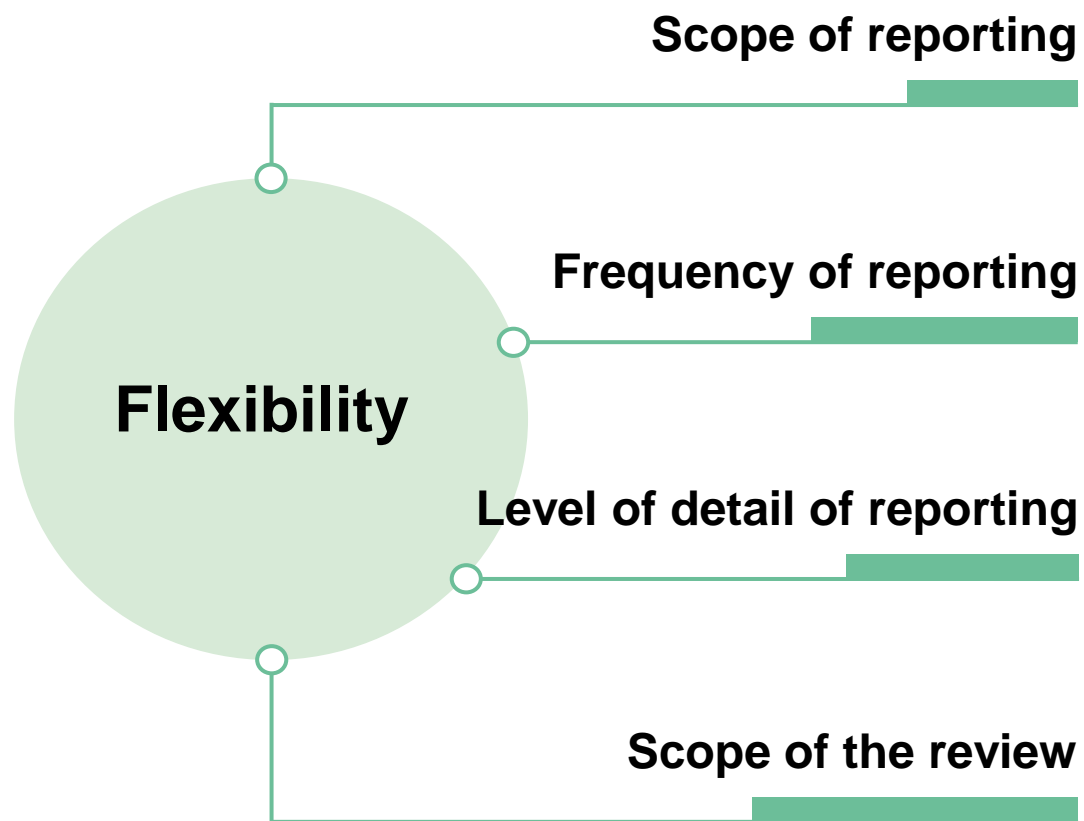
Specify projection settings

The screenshot displays the 'Version Settings' interface with three sequential steps:

- Step 1: Flexibility provisions**
  - Section: **1 Flexibility provisions**
  - Text: Please specify if any flexibility provisions in light of r
  - Form: Radio buttons for **Yes** (selected) and **No**.
  - Text: Select the specific flexibility provisions
  - List of options:
    - Para 85** (Enables the use of the notation key F
    - Para 92** (Use when no projections data will be
    - Para 95** (Allows an earlier year for the endpoint
    - Para 102** (Enables the use of the notation key

- Step 2: NDC and targets**
- Section: **2 NDC and targets**
- Text: Does this submission contain information fo assessment of achievement of the target(s)
- Form: Radio buttons for **Yes** (selected) and **No**.
- Step 3: Projections**
- Section: **3 Projections**
- Text: Specify additional projection scenarios to be reported
- Form: Toggle switches for **Table 8 (with additional measures)** and **Table 9 (without measures)**.
- Text: Please specify the end year for projections
- Form: Dropdown menu with value **2040**.
- Text: Please specify the interim year(s) for which projections are reported
- Form: Dropdown menu with value **Years** and a list of checkboxes for **2025**, **2030**, and **2035**.

Navigation elements include 'Exit version settings' links and '< Back' / 'Continue to next step >' buttons.



## View versions, view and move through navigation tree

Access CTF Versions

Navigation Tree

Data Entry

ETF | PROGRESS CTF versions | Data entry | Reporting tables | QA/QC

Version: DEU-CTF-NDC-2027-V0.6 | Status: Started | DEFAULT Online

### CTF versions

The list below contains all CTF versions and their status. [+ Create Version](#)

Year  Status  [Import .json file](#)

Year	Version name	Status	Version	Created date	Updated
2027	DEU-CTF-NDC-2027-V0.6	Started	DEFAULT	2023-08-10	<a href="#">Open</a>
2027	DEU-CTF-NDC-2027-V0.8	Started	-	2023-08-16	<a href="#">Open</a>
2027	DEU-CTF-NDC-2027-V0.7	Started	-	2023-08-12	<a href="#">Open</a>

## Entering data into the grids

Create records

Enter data

Modify data

Version: DEU-CTF-NDC-2024-V1.59 | Status: Started | @ DEFAULT

Navigation tree: 1. Targets and Indicators, 2. Mitigation policies and measures, 2.1. Measure1, 3. GHG Emissions from CRT, 4. Projection of GHG emissions and removals, 4.1. With measures, 4.2. With additional measures, 4.3. Without measures, 4.4. Projections of key indicators, 4.5. Key underlying assumptions and parameters

2.1. Measure1

Expand all | Export

Measure1

WM

Description

Additional information

Objectives

Type of Instrument

Status

Sectors affected

Gases Affected

Start year

Implementing entity

GHG Emissions

Achieved

Expected

Select all

cost (currency)

non-GHG benefits

interaction with other mit...

measure that influences ...

information about how th...

Apply

Version: DEU-CTF-NDC-2024-V1.59 | Status: Started | @ DEFAULT

Navigation tree: 1. Targets and Indicators, 2. Mitigation policies and measures, 3. GHG Emissions from CRT, 4. Projection of GHG emissions and removals, 4.1. With measures, 4.2. With additional measures, 4.3. Without measures, 4.4. Projections of key indicators, 4.5. Key underlying assumptions and parameters

4.1. With measures

Expand all | Export

	Historical year	Projections			
	2020	2025	2030	2035	2040
<b>Sectors</b>					
Energy	23,367.00				
Transport	XY				
Industry	Invalid input				
Agriculture					
LULUCF					
Waste					
Other (specify)					
<b>Total with LULUCF</b>	23,367.00				
<b>Gases</b>					
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF					
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF					
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF					
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF					
N <sub>2</sub> O emissions including N <sub>2</sub> O from					

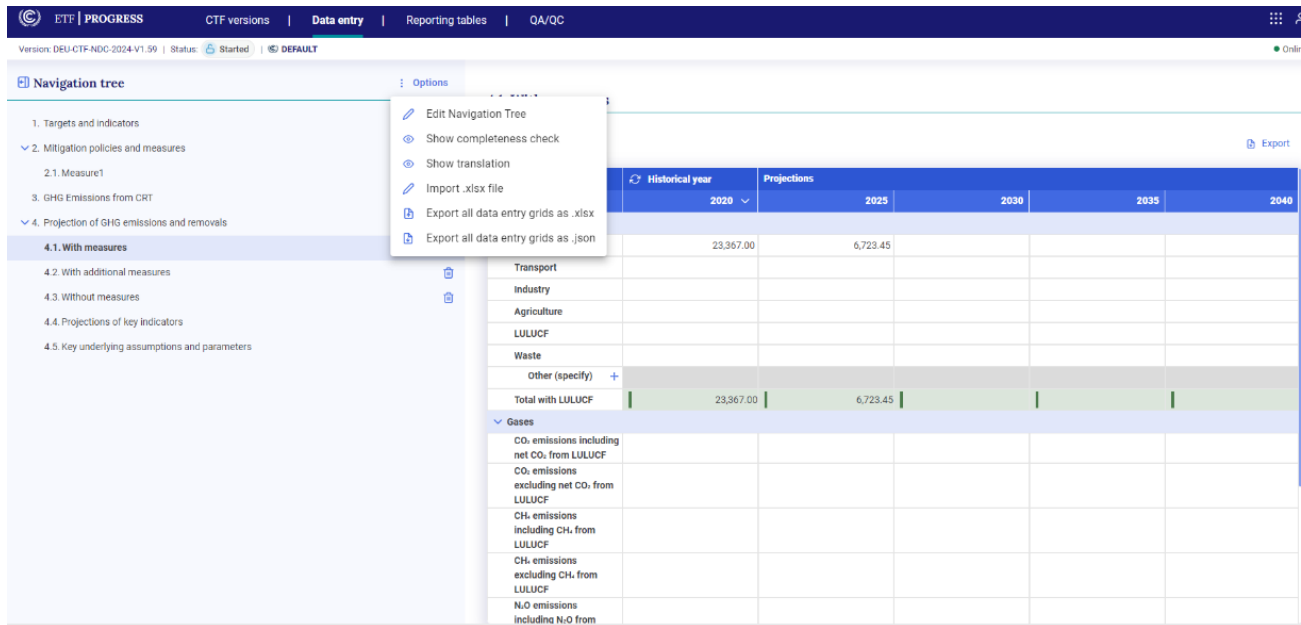


## Export/import of data entry grids to Excel

Modify data

Export

Import data into version



The screenshot displays the ETF | PROGRESS Reporting Tool interface. The top navigation bar includes 'ETF | PROGRESS', 'CTF versions', 'Data entry', 'Reporting tables', and 'QA/QC'. The main content area shows a 'Navigation tree' on the left with categories like 'Targets and indicators', 'Mitigation policies and measures', and 'Projection of GHG emissions and removals'. A data entry grid is visible, with columns for 'Historical year' (2020) and 'Projections' (2025, 2030, 2035, 2040). The grid contains data for 'Total with LULUCF' and 'Gases'. An 'Options' menu is open over the grid, listing actions such as 'Edit Navigation Tree', 'Show completeness check', 'Show translation', 'Import .xlsx file', 'Export all data entry grids as .xlsx', and 'Export all data entry grids as .json'.

	Historical year	Projections				
	2020	2025	2030	2035	2040	
Total with LULUCF	23,367.00	6,723.45				
Transport						
Industry						
Agriculture						
LULUCF						
Waste						
Other (specify) +						
Total with LULUCF	23,367.00	6,723.45				
Gases						
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF						
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF						
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF						
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF						
N <sub>2</sub> O emissions including N <sub>2</sub> O from						

Export/import data entry grids as a JSON file, add/edit data there and import back into the application.

Modify data

Export

Import data into version

1. From initial version creation

Please select an option to start working on a CTF version

- Create blank version**  
Please select this option to create a new blank version and start working on it. [Start](#)
- Select an existing version**  
Please select this option if you would like to work on or make a copy of an existing version. [Start](#)
- Upload a file**  
Please select this option if you would like to create a new version by uploading a JSON file. [Start](#)

Please upload .json file and select submission year to create an inventory version

1. Selected the .json file to upload  
First select the file you want to upload so that we can analyze if it meets the necessary requirements.

Drag and drop or [Select a .json file](#)

2. Select the submission year  
The submission year will be reflected in the inventory name. You may edit the submission year later.

Year

3. Set as default version  
Please select this option to make this the default working version for all users within your Party. You may change the default version later.

Default version

[Cancel](#) [Create inventory >](#)

2. From the CTF versions tab

Version: DEU-CTF-NDC-2027-V0.6 | Status: Started | DEFAULT ● Online

**CTF versions**  
The list below contains all CTF versions and their status. [+ Create Version](#)

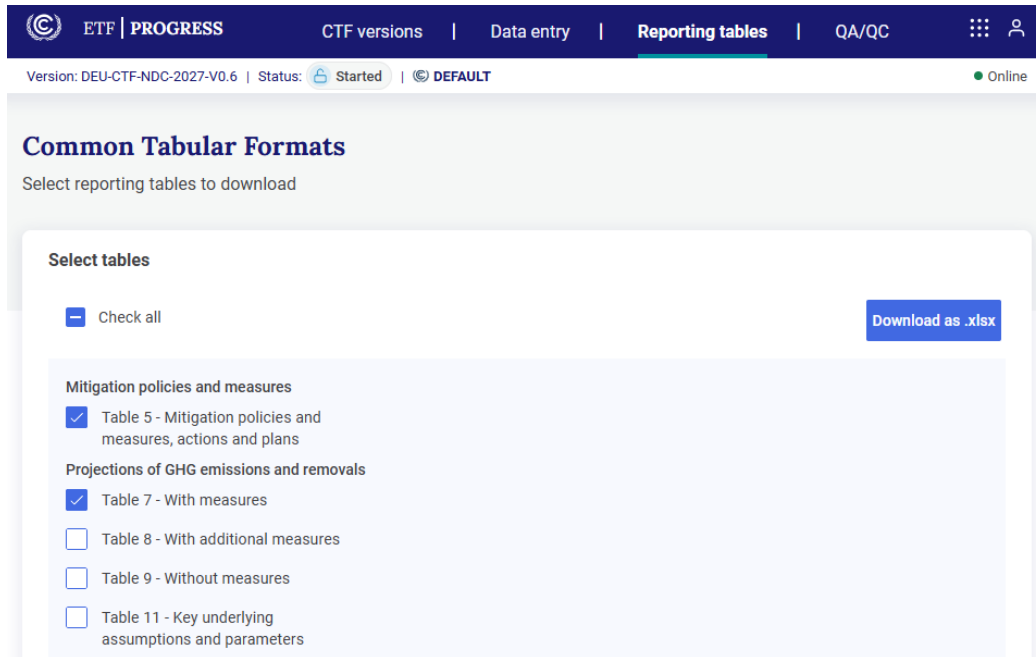
Year  Status  [Import .json file](#)

Year	Version name	Status	Version	Created date	Updated
2027	DEU-CTF-NDC-2027-V0.6	Started	DEFAULT	2023-08-10	<a href="#">Open</a>
2027	DEU-CTF-NDC-2027-V0.8	Started	-	2023-08-16	<a href="#">Open</a>

## Generate/download static reporting tables

### Select Reporting Tables

### Download as .xlsx



The screenshot displays the user interface of the reporting tool. At the top, a dark blue navigation bar contains the logo and text 'ETF | PROGRESS', followed by menu items: 'CTF versions', 'Data entry', 'Reporting tables' (which is highlighted), and 'QA/QC'. To the right of the menu are icons for a grid and a user profile. Below the navigation bar, a status bar shows 'Version: DEU-CTF-NDC-2027-V0.6 | Status: Started | DEFAULT' and an 'Online' indicator. The main content area is titled 'Common Tabular Formats' and includes the instruction 'Select reporting tables to download'. A modal window titled 'Select tables' is open, featuring a 'Check all' button and a 'Download as .xlsx' button. The modal lists two categories of tables: 'Mitigation policies and measures' and 'Projections of GHG emissions and removals'. Under the first category, 'Table 5 - Mitigation policies and measures, actions and plans' is selected with a checked checkbox. Under the second category, 'Table 7 - With measures' is selected with a checked checkbox, while 'Table 8 - With additional measures', 'Table 9 - Without measures', and 'Table 11 - Key underlying assumptions and parameters' are not selected.

### Work offline

In Data Entry

Disconnected from internet (Offline button)

Reconnected

ETF | PROGRESS | CTF versions | Data entry | Reporting tables | QA/QC

Version: DEU-CTF-NDC-2024-V1.59 | Status: Started | DEFAULT | Offline

Navigation tree: Options

- 1. Targets and indicators
- 2. Mitigation policies and measures
  - 2.1. Measure1
- 3. GHG Emissions from CRT
- 4. Projection of GHG emissions and removals
  - 4.1. With measures
  - 4.2. With additional measures
  - 4.3. Without measures
  - 4.4. Projections of key indicators
  - 4.5. Key underlying assumptions and parameters

#### 4.1. With measures

Expand all | Export

	Historical year	Projections			
	2020	2025	2030	2035	2040
<b>Sectors</b>					
Energy	23,367.00	6,723.45			
Transport					
Industry					
Agriculture					
LULUCF					
Waste					
Other (specify)					
<b>Total with LULUCF</b>	<b>23,367.00</b>	<b>6,723.45</b>			
<b>Gases</b>					
CO <sub>2</sub> emissions including net CO <sub>2</sub> from LULUCF					
CO <sub>2</sub> emissions excluding net CO <sub>2</sub> from LULUCF					
CH <sub>4</sub> emissions including CH <sub>4</sub> from LULUCF					
CH <sub>4</sub> emissions excluding CH <sub>4</sub> from LULUCF					
N <sub>2</sub> O emissions including N <sub>2</sub> O from					

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**Thank you!**

**Find out more at:**

**<https://unfccc.int/Transparency>**

**Join our LinkedIn group at:**

**<https://www.linkedin.com/groups/13910606/>**



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# Some hands-on experience/training



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### Exercise 1

**Create a new CTF version**

**Submission Year**

**Using Flexibility**

### Exercise 2

**Create a new CTF version**

**Submission Year**

**Not using Flexibility**

**Projection Settings**

**Specify Interim Years**

## Exercise 3 - Navigation Tree and Data Entry grids

### Mitigation Policies and Measures

- Create a record
  - Enter data
  - Export the grid
  - Edit
  - Import back to the grid
-



## Exercise 4 - Navigation Tree and Data Entry grids

### Table 7, 8, 9 – With measures, With additional measures and Without measures

- Enter data
  - Check the totals
  - Export data
  - Modify data
  - Import back to the grid
  - Add/delete a sector
-

## Exercise 5 - Navigation Tree and Data Entry grids

### Table 11– Key underlying assumptions and parameters

- Specify key underlying assumptions/parameters
- Select from the drop-down list
- Specify the units used



## Exercise 6 - Access CTF Versions Page

### On the CTF Versions Tab

- Check the year you are working on
- Search for the CTF Version you are working on, click Open
- To work on the Data Entry, click the Data Entry tab
- Select the grid to work on from the Navigation Tree



## Exercise 7 - Access the Reporting Tables

### On the Reporting Tables Tab

- Click on the table that you have worked on to download
- Click the button 'Download as .xlsx'
- The table will be downloaded in excel format in your download folder
- Please note, the output of these tables are still in development

## Exercise 8 - Work offline

### On Data Entry Tab

- Enter data
  - Disconnect from the internet- Notice the online button turn red (offline)
  - Reconnect back
  - Export data to work offline and import back
  - Check seamless experience in both online and offline mode
-

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# Thank you!



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