



Partnership on Transparency
in the Paris Agreement



Ministry of Environment
Greenhouse Gas Inventory
and Research Center

ETF Reporting Tools

Overview and common features

Pedro Torres (UNFCCC)

24-26 September 2024

Supported by:



on the basis of a decision
by the German Bundestag

Federal Foreign Office



United Nations
Framework Convention on
Climate Change



AUSTRALIA

Mandates

Decision 18/CMA.1 (December 2018)



- Requested SBSTA to develop:
- common reporting tables (CRTs) for GHG inventories
 - common tabular formats (CTFs) for tracking NDC progress and achievements
 - common tabular formats (CTFs) for support provided, needed and received

Decision 5/CMA.3 (October 2021)



- Adopted:
- CRTs for GHG inventories
 - CTFs for NDC progress and achievements
 - CTFs for support provided, needed and received

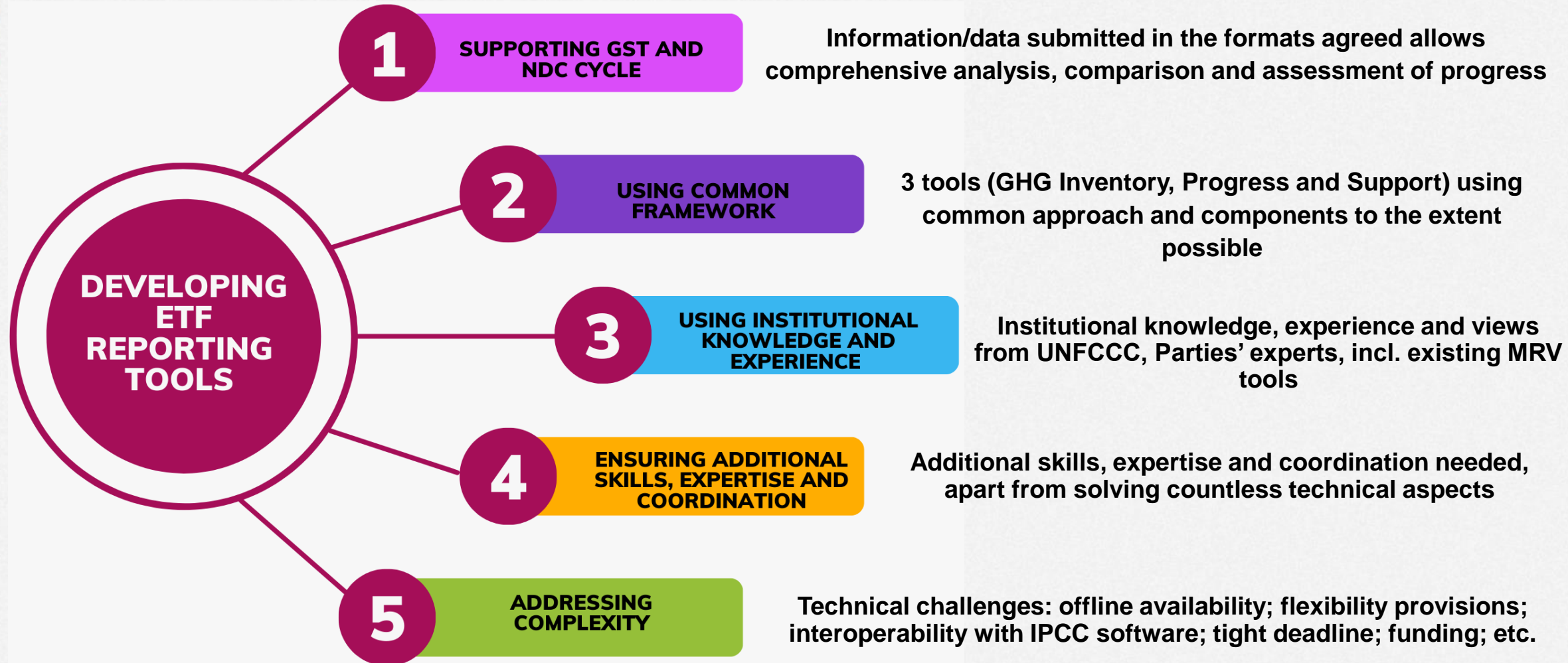
Decision 5/CMA.3 (October 2021)



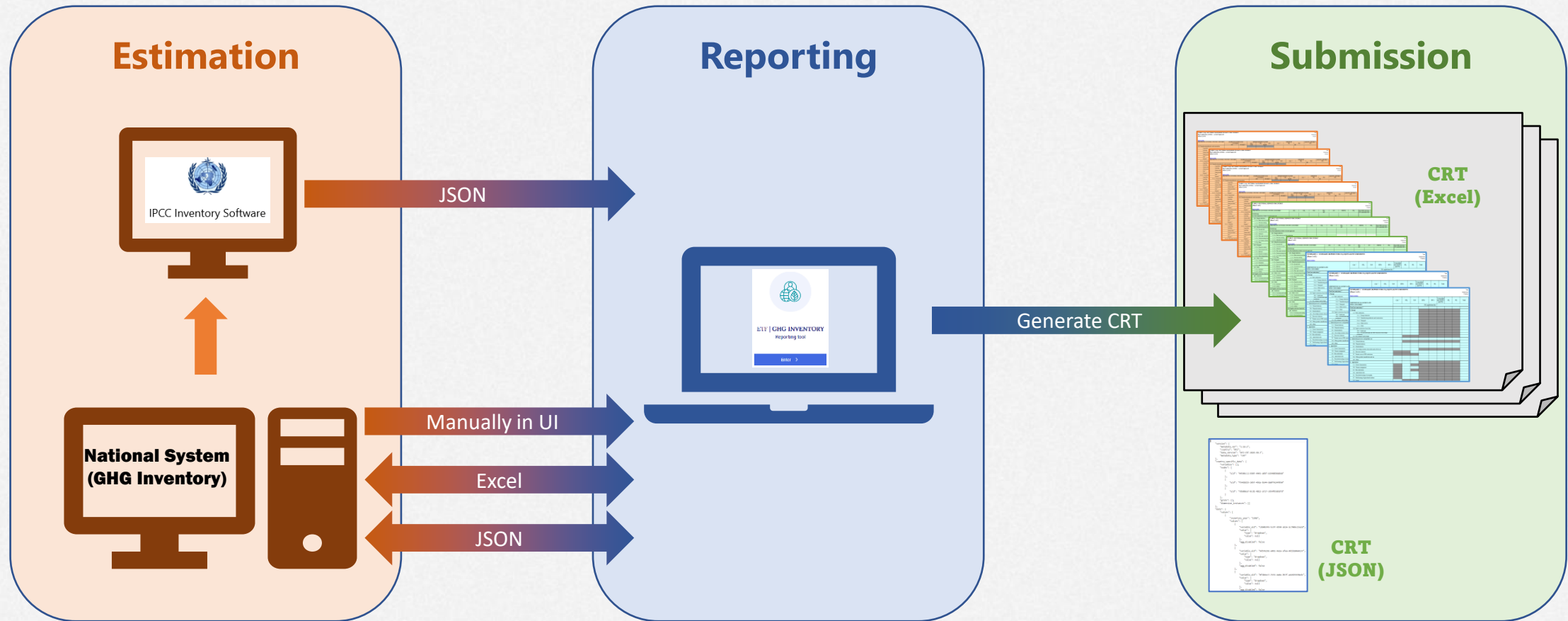
- Requested the secretariat to:
- Develop reporting tools
 - Test version by June 2023
 - Final version by June 2024
 - Update Parties on progress at SBSTA sessions
 - Organize technical trainings
 - Facilitate interoperability with IPCC software
 - Establish an interactive web-portal for support info by Dec 2025



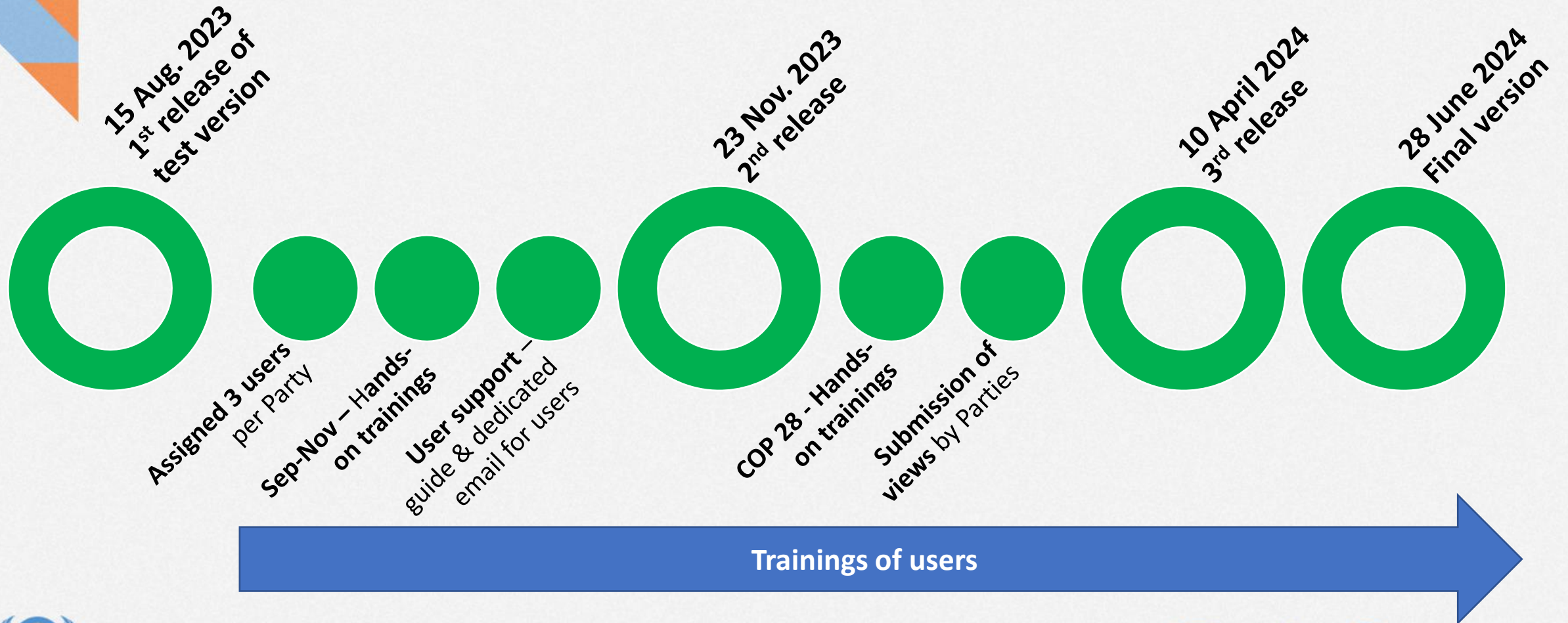
Guiding principles



Interoperability with IPCC and other systems



Deliverables



#Together4Transparency

Release on 28 June 2024

ETF reporting tools

GHG inventory



Progress



Support



Name	Roles
James Smith JamesSmith@gmail.com	ETF (PROGRESS) Progress NRC ETF (GHG INVENTORY) Expert Agriculture
John Thomas JohnThomas@gmail.com	ETF (GHG INVENTORY) Expert Agriculture, Expert Energy, Expert IPPU, Expert LULUCF, Expert Waste, Inventory FP +2
Peter Expert peterdimu@outlook.com	ETF (GHG INVENTORY) Expert Agriculture
peter expert NRC peterstags@mail.com	ETF (SUPPORT) Support NRC ETF (PROGRESS) Progress NRC

User management tool

USER MANUAL

1. ETF GHG inventory reporting tool
2. ETF Progress reporting tool
3. ETF Support reporting tool
4. User management tool

User manuals

#Together4Transparency



ETF reporting tools help page

User manuals and training materials

Technical documentation

Frequently asked questions

Report issues and incidents

Title	Links	Description
ETF Reporting Tool Manual	<ul style="list-style-type: none"> ETF GHG inventory reporting tool manual ETF P... ETF S... ETF U... 	
ETF User Management Tool Video	<ul style="list-style-type: none"> User... 	
Live Demonstration of the ETF Reporting Tools	<ul style="list-style-type: none"> Live D... 	

This page provides the unique identifier (UID), structure of metadata and data exchange standards in the JSON format, together with the description documents for the ETF Reporting Tools. These documents provide a general understanding of the metadata and data exchange standard structure.

It should be noted that these documents are not final and are subject to change during the development of the ETF Reporting Tools. Revised versions will be published as soon as they are available.

ETF GHG Inventory Reporting Tool

CRT UIDs

The UID is associated with each cell (variables) in the reporting tables, which can be used, e.g., to map the variables to the national system. The UIDs for the Energy,IPPU, Agriculture,LULUCF and Waste sector (based on CRT version 2.83) can be accessed using the links below.

Energy
IPPU
Agriculture
LULUCF
Waste

Metadata and Data exchange JSON

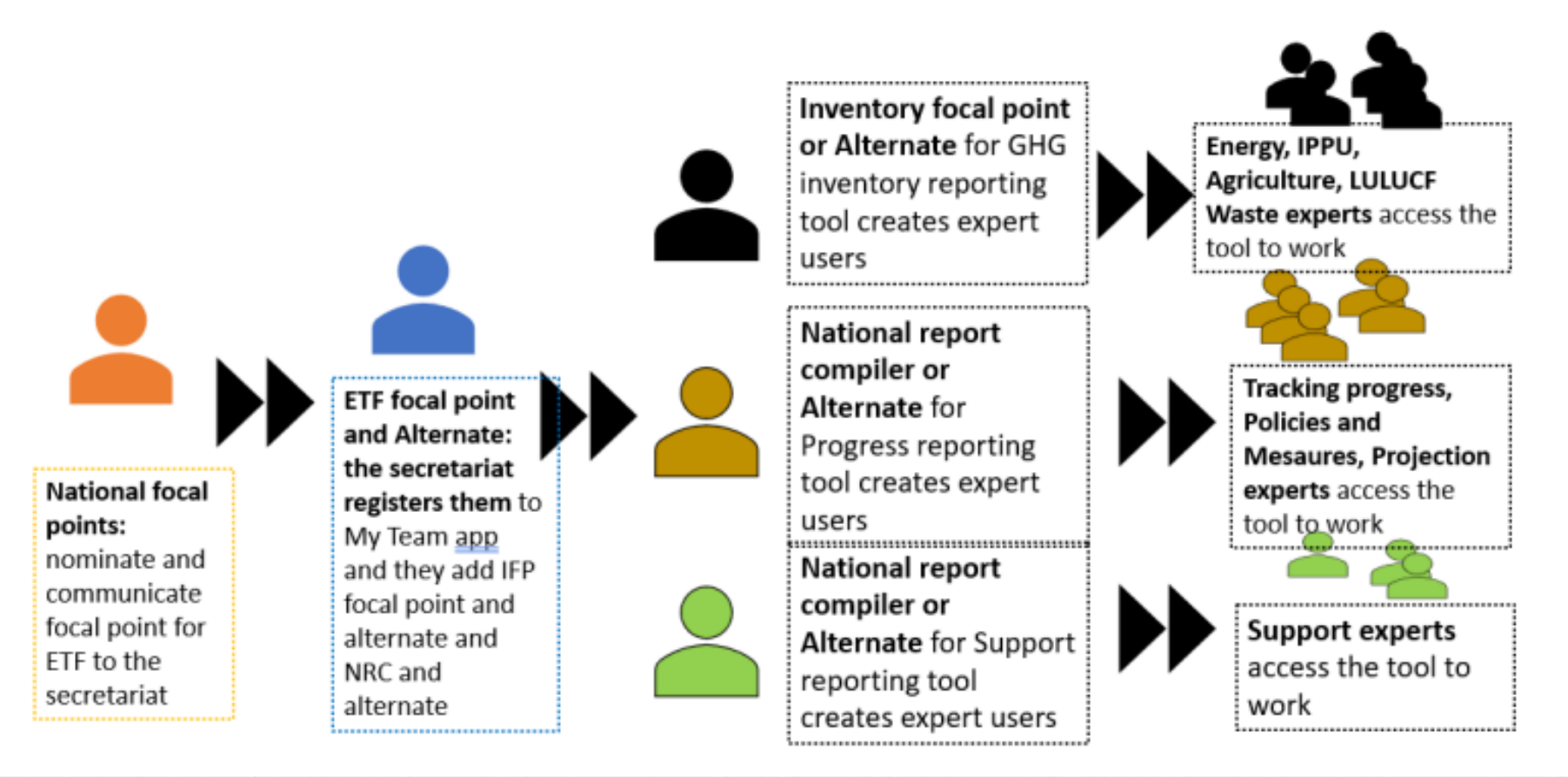
CRT Metadata JSON Description Document
CRT Metadata JSON
CRT Data Exchange JSON Description Document
CRT Data Exchange Sample JSON
CRT Data Exchange Sample with description JSON

- [Q&A session on Monday, 29 April](#)
- [Q&A session on Tuesday, 30 April](#)

Email at:
tools.support@unfccc.int



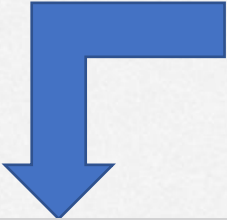
User management tool



UNFCCC secretariat will NOT be responsible for providing/removing access



User management tool



Users | History

Users list

[+ Add user](#)

Search user or filter by role

Search user by name or email Filter by role

[Export to .xlsx](#)

Add user

* Required fields

Email for users to login*
Please do not use shared email addresses.

Email

Add first name* **Add last name***

First name Last name

The user doesn't have a last name

Assign role to the user

Select role(s)

- ETF (GHG INVENTORY)
 - Expert Agriculture
 - Expert Energy
 - Expert IPPU
 - Expert LULUCF
 - Expert Waste
 - Inventory FP
- ETF (PROGRESS)

[Cancel](#) [Confirm](#)



Name	Roles		
Test Two test2@hotmail.com	UNFCCC NFP Alternate	Edit	Delete
Test One test1@gmail.com	ETF ETF FP	Edit	Delete

Rows per page: 25 1-25 of -




Accessing the reporting tools

UNFCCC | MY APPS Party: NPL | [↗]


My apps

Filter by category


Total apps: 5 Sort by: App A-Z Grid View List View




GHG INVENTORY
Inventory (CRT)
ETF




HELP
Application Support
UNFCCC



MY TEAM
User Access Management
ETF



PROGRESS
NDC
ETF



SUPPORT
FTC
ETF



Common features across the three tools

Upper banner

The screenshot shows the upper banner of the ETF GHG INVENTORY web application. The navigation menu includes: Inventories, Data entry, Reporting tables, QA/QC, and Json validator. The current tool is 'Reporting tables'. The banner also displays the version 'XYZ-CRT-2024-V1.72', a 'Started' status, and 'Users accessing: PT | Online'. Below the banner, a table lists submission details for the year 2024.

Current tool

Create a submission, access to submission versions and editing of submission settings

Generate and download reporting tables for submission to the UNFCCC

Checking and validation of json import files

Data validation checks

Access to help page and support materials. Shortcut to ETF reporting tools

View and enter data into the ETF reporting tool

Year	Version	Created date	Updated	Flag for
2024	XYZ-CRT-2024-V1.72	2024-09-04	2024-09-11	



Common features across the three tools

Navigation tree and status indicators

The screenshot shows the top navigation bar of the GHG INVENTORY tool. The main navigation menu includes: Inventories | **Data entry** | Reporting tables | QA/QC | Json validator. The status bar shows: Version: XYZ-CRT-2024-V1.72 | Status: Started | Hours accessing: PT | Data synchronized | Online. The left sidebar contains a navigation tree with categories: Sectors/Totals, 1. Energy, 2. Industrial, 3. Agriculture, 4. Land use, land-use change and forestry, 5. Waste, 6. Other (pic), and Documentation box. The main content area displays a table with a callout: 'Please select data grid from the navigation tree'. The bottom footer contains: Application version: e14a3ac4fd4b45c5c484ee2f59155e11 | Metadata version: 1.27.4 | Last synchronized: 2024-09-12 10:13 (UTC+2).

Active submission indicator

Sync status (synchronized, updating, paused)

Version status (Initiated, Started, QC, Approved, Rejected, Submitted, Published)

Users working on the submission

Online/Offline indicator

Navigation tree for opening data entry grids for different categories/sections

Import/export options

Expand/collapse buttons

Date and time of last synchronization



Common features across the three tools

Dropdown options

2.1. Financial (Table III.6) > Photovoltaic energy production ^{c, d}

Expand all Export

Type of support ^c	Mitigation	▼
Anchored in a national strategy and/or on NDC ^c	Adaptation	Yes
Expected use, impacts and estimated results ^c	Mitigation <input checked="" type="checkbox"/>	▼
Additional information ^f	Cross-cutting	▼
Contribution to technology development and transfer objectives ^c	[Clear]	
Programme/project description	Photovoltaic energy production	
Sector	Energy	
Subsector	Photovoltaic	
Type of support	Mitigation	
Type of technology	Photovoltaic	
Expected time frame	2022 - 2030	
Expected use, impacts and estimated results	[Clear] [Apply selection]	
Additional information	[Comments and Custom Footnotes] [Default Footnotes]	

Dropdowns with single fixed selection

Extendable multi-select dropdowns with standard and custom options



Common features across the three tools

Reporting tables

The screenshot shows the 'Reporting tables' section of the GHG Inventory tool. The interface includes a navigation bar with 'Reporting tables' highlighted, a version/status bar, and a main content area with selection filters and a results list. Two orange callout boxes highlight key features: 'Generate and download reporting tables for submission to the UNFCCC' and 'Selection of reporting tables for downloading'.

Generate and download reporting tables for submission to the UNFCCC

Selection of reporting tables for downloading

Common reporting tables
Select and download reporting tables for submission to the UNFCCC

Version: XYZ-CRT-2024-V1.72 | Status: Started | Users accessing: PT | Online

Select by

- Years: 1990, 1...
- Sectors, summary and cross-cutting tables: Energy, Industrial processes and product use, ...
- Tables: Table1, Table1.A(a)s1, Table1.A(a)s2, Table1....

Apply Clear

Y 1990 Y 1991 Y 1992 Y 1993 Y 1994 Y 1995 Y 1996 Y 1997 Y 1998 Y 1999 Y 2000 Y 2001 Y 2002 Y 2003 Y 2004
Y 2005 Y 2006 Y 2007 Y 2008 Y 2009 Y 2010 Y 2011 Y 2012 Y 2013 Y 2014 Y 2015 Y 2016 Y 2017 Y 2018 Y 2019

Show more

33 Results showing

- XYZ-CRT-2024-V1.72-1990
- XYZ-CRT-2024-V1.72-1991 [Download as .xlsx](#)
- XYZ-CRT-2024-V1.72-1992 [Download as .xlsx](#)
- XYZ-CRT-2024-V1.72-1993 [Download as .xlsx](#)

XYZ-CRT-2024-V1.72
33 selected years
[Download as .zip](#)

Application version: e14a3ac4fd4b45c5c484ee2f59155e11 | Metadata version: 1.27.4 | Last synchronized: 2024-09-16 09:44 (UTC+2)

ransparency



Planned trainings

- Hands-on trainings with RCC staff and partners in the respective regions
- Transparency dedicated space at COP29





Thank you