United Nations
Climate Change

Introduction to new UNFCCC tools available for reporting inventories

Webinar presented by

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Transparency Division

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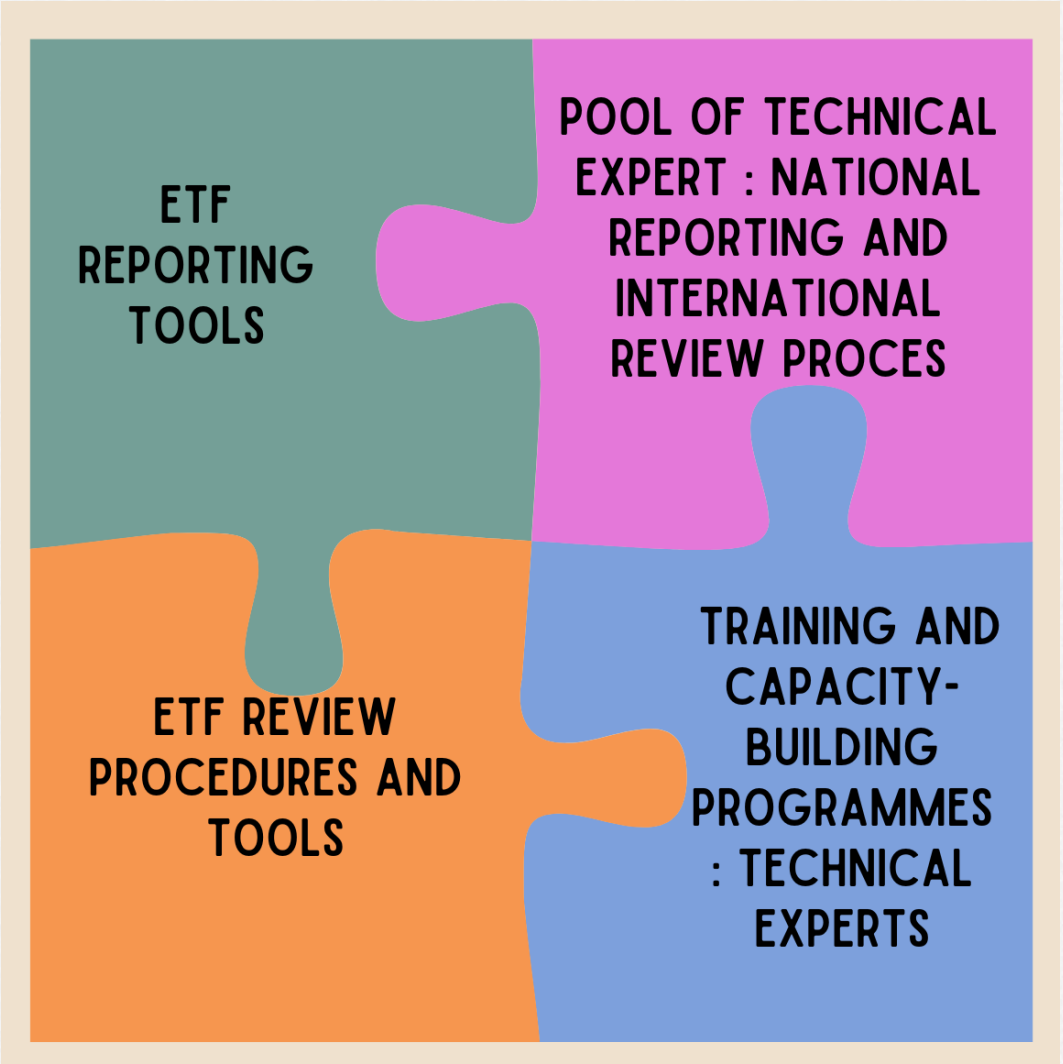
Building blocks for ETF implementation

Facilitates the submission of information by Parties in a user-friendly and efficient manner

Facilitates the effective and efficient review of submitted information



Enhances sustainability, boosts effectiveness, and increases efficiency in both national reporting and the international review process

Enhance the skills and knowledge of technical experts to report and review information in a manner that is both efficient and effective

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Mandates

Concerning ETF reporting tools

Decision 18/CMA.1

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

Adopted :

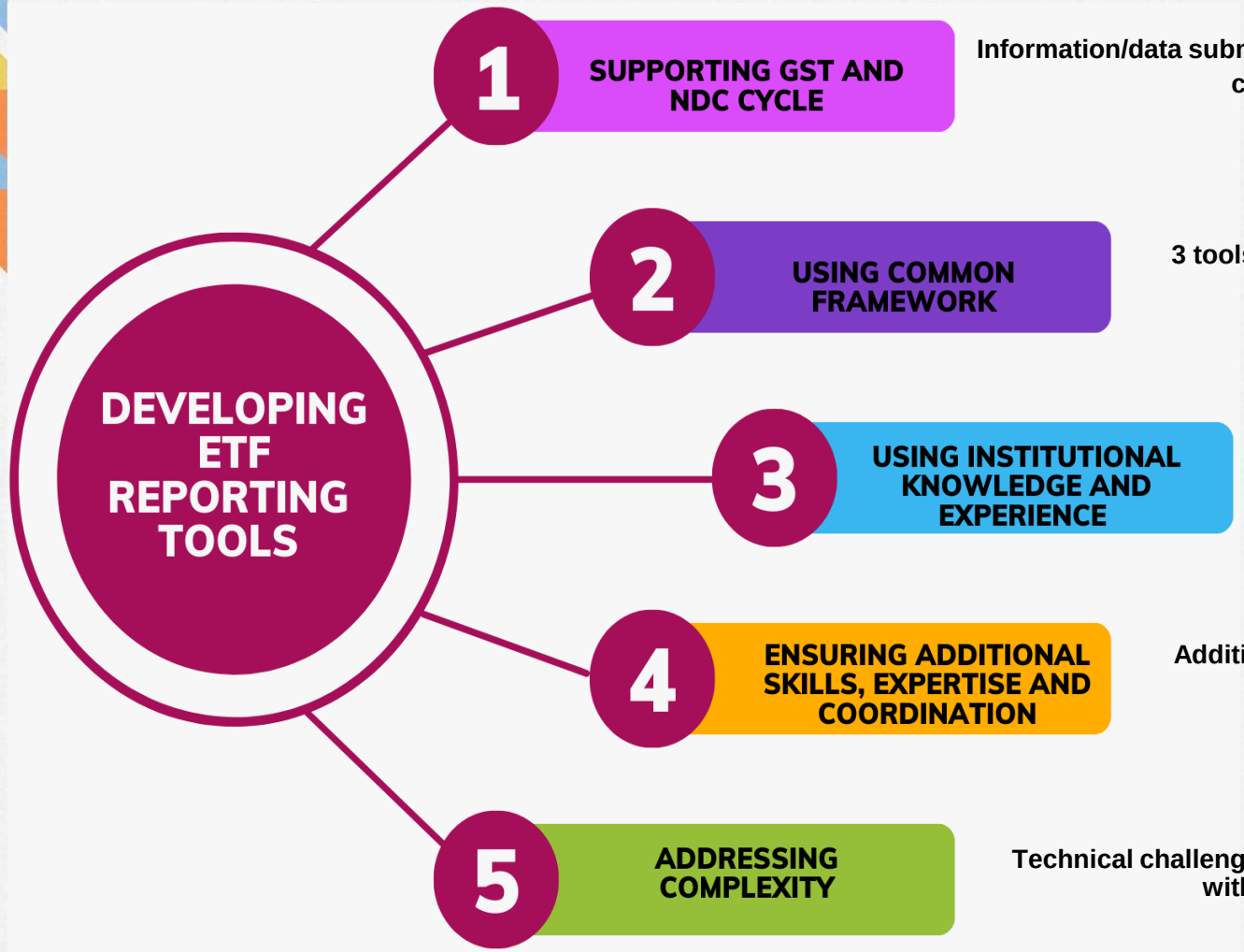
- CRTs for GHG inventories
- CTFs for NDC progress and achievements
- CTFs for support provided, needed and received

Decision 5/CMA.3

Requested the secretariat to :

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

Approach



Information/data submitted in the formats agreed allows comprehensive analysis, comparison and assessment of progress

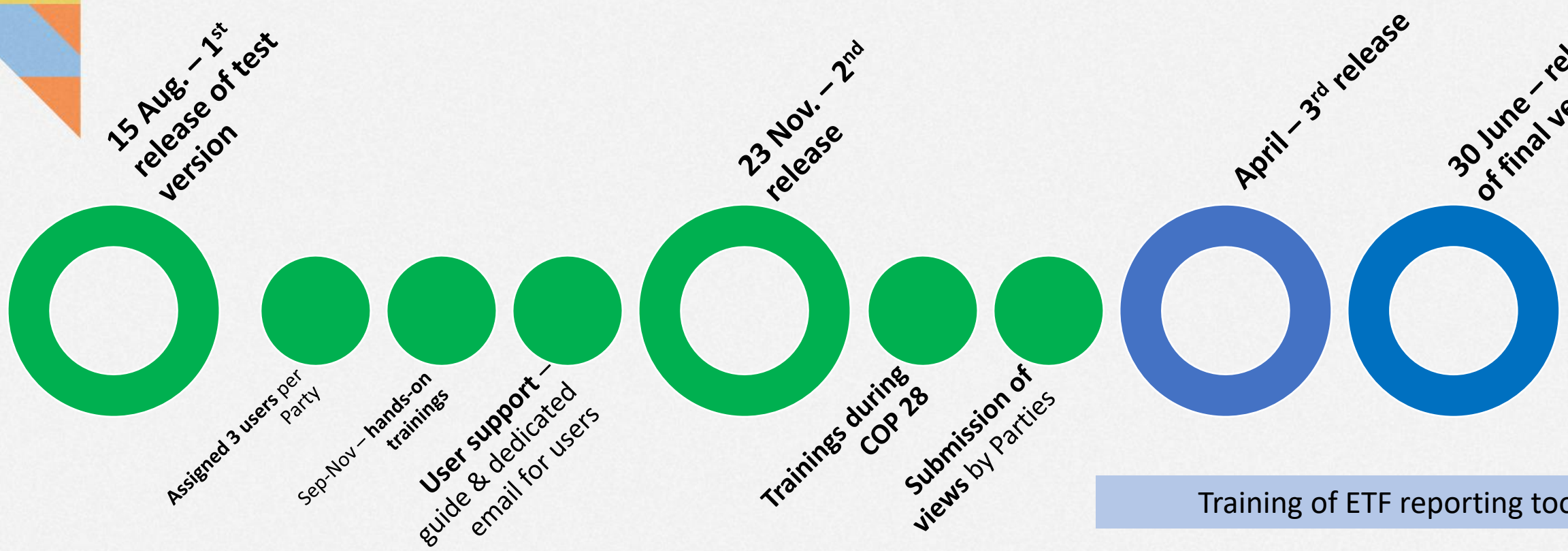
3 tools (GHG Inventory, Progress and Support) using common approach and components to the extent possible

Institutional knowledge, experience and views from UNFCCC, Parties' experts, incl. existing MRV tools

Additional skills, expertise and coordination needed, apart from solving countless technical aspects

Technical challenges (offline availability, flexibility provisions, interoperability with IPCC software, tight deadline and funding)

Deliverables

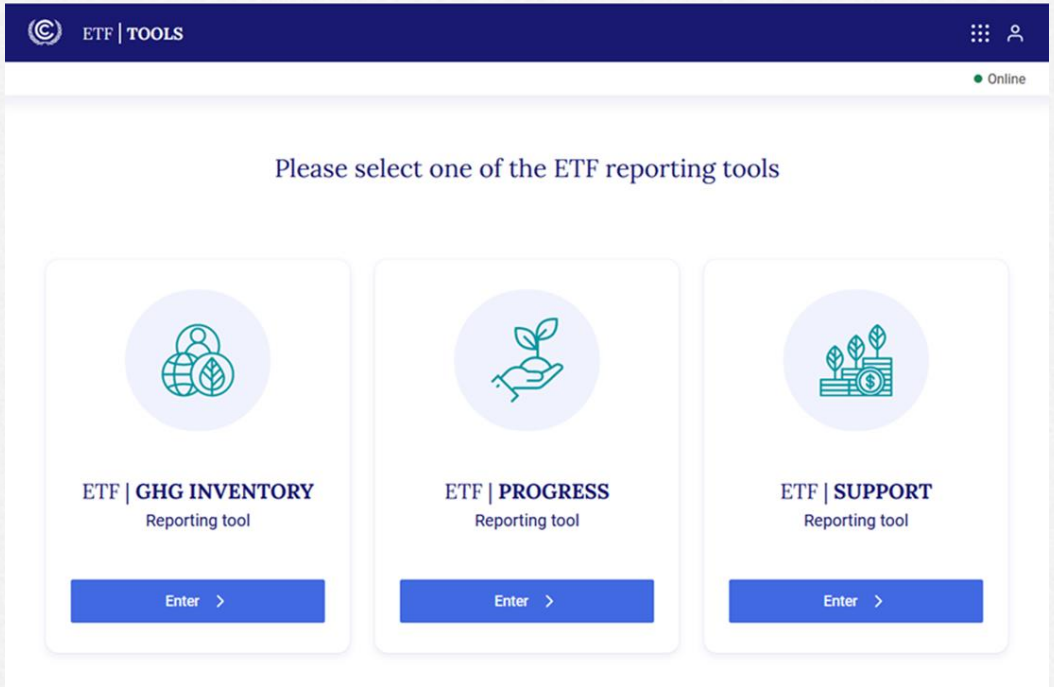


Training of ETF reporting tools

Training session on ETF GHG inventory tool

At the end of the training session, the participants will be able to:

- Create a new version
- Specify version settings
- View and access all CRT versions
- View and move through the navigation tree and add country specific nodes
- Add/modify/export data in the data entry grid
- Export/import of data entry grids to Excel
- Export/import data entry grids as a JSON file, add/edit data there and import back into the application
- Generate/download reporting tables
- Work in offline mode (after creation of a version)



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Ask for the training participants

Please read the below recommended reading materials prior to the training workshop :

a. **To be familiar with the enhanced transparency framework :** ETF reference manual | UNFCCC' FAQ's on the operationalization of the Enhanced Transparency Framework | UNFCCC and ETF Handbook-Edt2_RU.pdf (unfccc.int)

b. **To be familiar with CRT :** Common Reporting Tables (CRT) on NIRs | UNFCCC

Quick live demo of ETF GHG inventory tool

List of actions for today's live demo

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E1
- Walk through the ETF | GHG Inventory reporting tool

E2
- Creating a version & Specifying version setting

E3
- Customizing navigation tree

E4
- Data entry
  - Manual
  - using Excel export / import
  - using json file export / import

Estimation

Reporting

IPCC Inventory software

National System for GHG Inventory

json

xlsx

Manually through UI

Input

Input

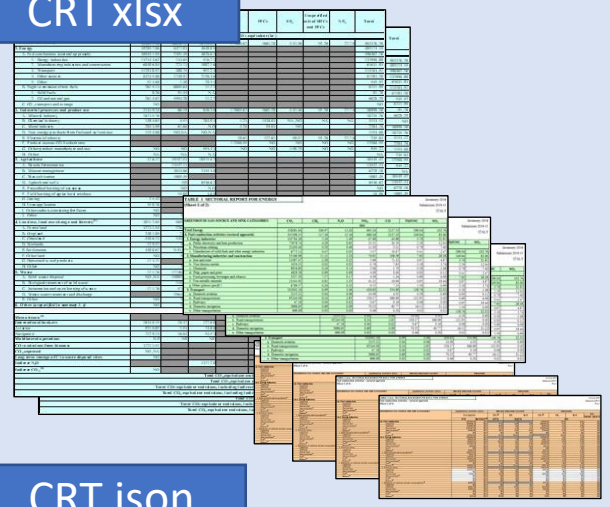
Input

ETF GHG Inventory reporting tool

Generate

Official Submission

CRT xlsx



CRT json

Three ways to input data

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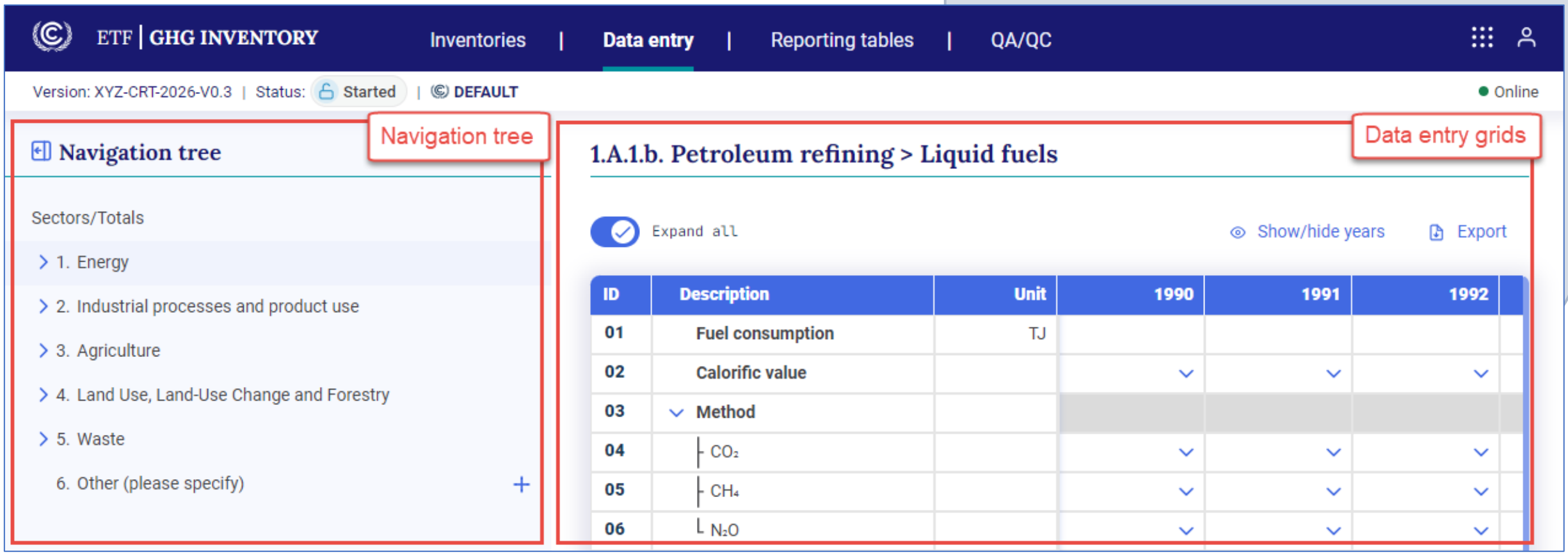
User Interface of GHG Inventory Reporting Tool

- **Inventories** – To start a new inventory and to configure the properties relating to the inventory, such as submission year, sectors, options and years to be included in the inventory
- **Data entry** – For entering and/or editing data in the data entry grids
- **Reporting tables** – For viewing reporting tables in Excel, in the format of the agreed CRT, for a particular year
- **QA/QC** – Placeholder for various types of QA/QC (not implemented yet)



Common Reporting Tables and Data entry grids

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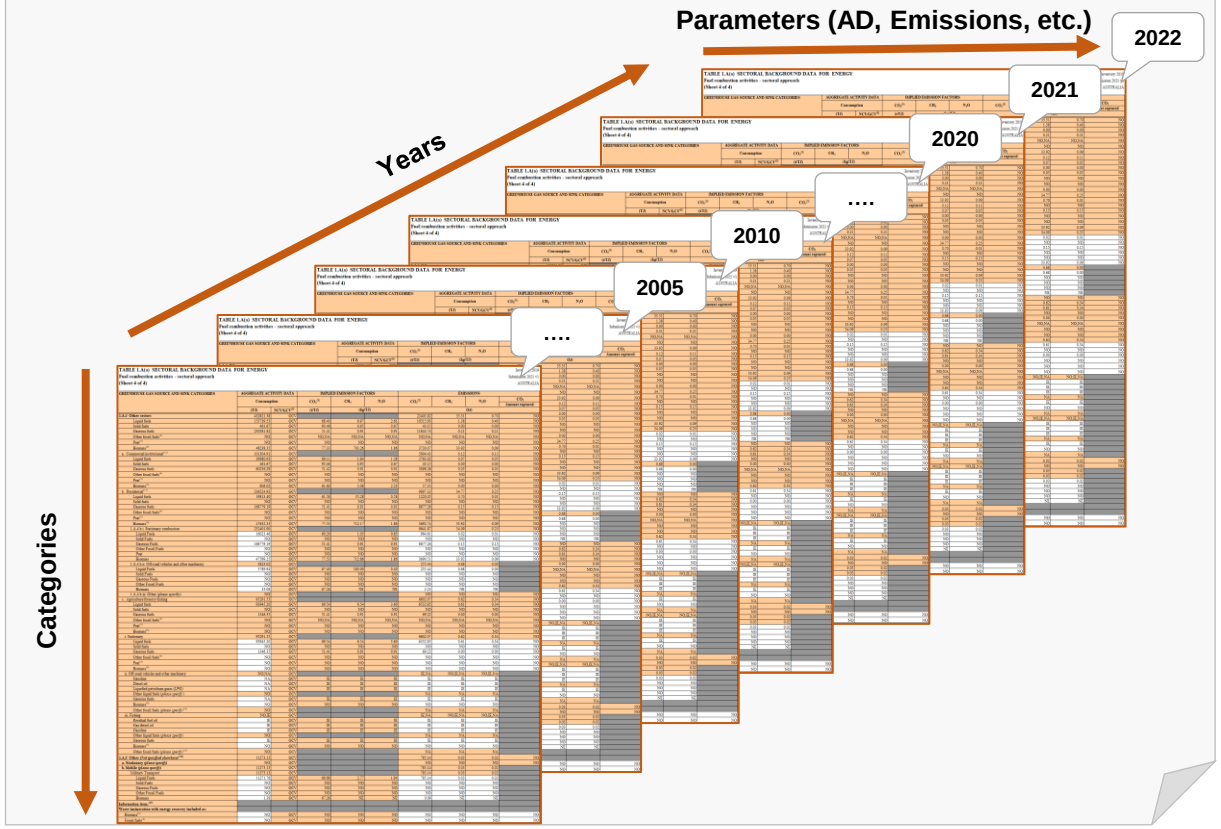
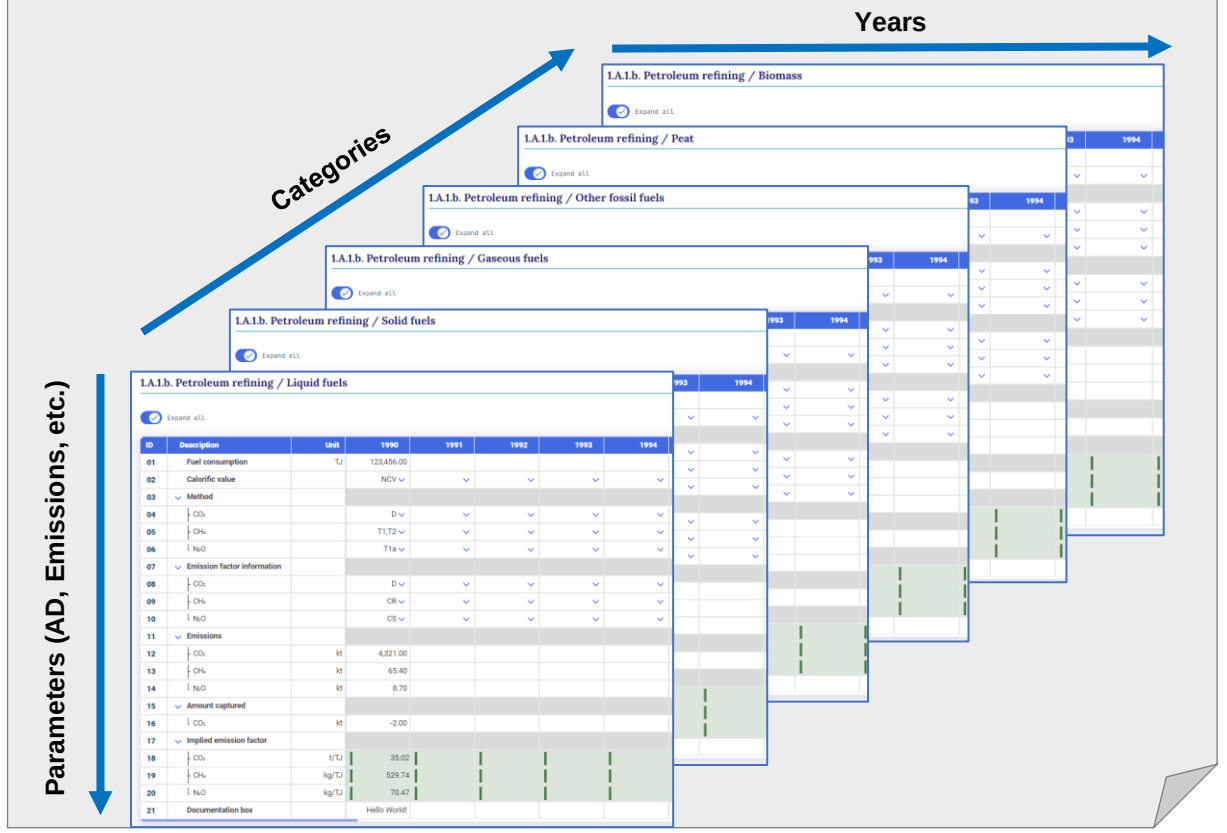
Data entry grids have categories for all sectors arranged in navigation tree and allows to enter data for the whole time series for a selected category. The data from the data entry grids are mapped to the CRTs on an annual basis when you generate/download the reporting tables.

Common Reporting Tables – Annual basis



Data entry grids – Category basis