Agenda

- Introduction
  - Reporting requirements under the Paris Agreement
  - Common Reporting Tables (CRT)
  - Development of the ETF Reporting Tools
- Live Demo ETF GHG Inventory Reporting Tool
- Interoperability with IPCC Software
- Participants' interaction and question/answers

Reporting requirement for GHG Inventories under Paris Agreement

Article 13 of the Paris Agreement

National inventory report (NIR) of GHG emissions

7. **Each Party shall** regularly provide the following information:

   (a) A **national inventory report** of anthropogenic emissions by sources and removals by sinks of greenhouse gases, prepared using good practice methodologies accepted by the Intergovernmental Panel on Climate Change and agreed upon by the Conference of the Parties serving as the meeting of the Parties to this Agreement;

Decision 18/CMA.1, Annex, Chapter II

National inventory document (NID) and Common reporting tables (CRT)

38.   Pursuant to Article 13, paragraph 7(a), of the Paris Agreement, **each Party shall** provide a **national inventory report** of anthropogenic emissions by sources and removals by sinks of GHGs. The national inventory report consists of a **national inventory document** and the **common reporting tables**. Each Party shall report the information referred to in paragraphs 39–46 below, recognizing the associated flexibilities provided for those developing country Parties that need them in the light of their capacities.

Decision 5/CMA.3

1. **Adopts**:

   (a) The **common reporting tables** referred to in chapter II of the annex to decision 18/CMA.1 for the electronic reporting of the information in the national inventory reports of anthropogenic emissions by sources and removals by sinks of greenhouse gases, as contained in annex I;

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 tables 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

CRT structure

1. Energy

Sectoral background tables

Table1.A(a)s1
Table1.A(a)s2
Table1.A(a)s3
Table1.A(a)s4
Table1.A(b)
Table1.A(c)
Table1.A(d)
Table1.B.1
Table1.B.2
Table1.C
Table1.D

2. IPPU

Sectoral background tables

Table2(I).A-H
Table2(II).B-Hs1
Table2(II).B-Hs2

3. Agriculture

Sectoral background tables

Table3.A
Table3.B(a)
Table3.B(b)
Table3.C
Table3.D
Table3.E
Table3.F
Table3.G-J

4. LULUCF

Sectoral background tables

Table4.1
Table4.A
Table4.B
Table4.C
Table4.D
Table4.E
Table4.F
Table4(I)
Table4(II)
Table4(III)
Table4(IV)
Table4.Gs1
Table4.Gs2

5. Waste

Sectoral background tables

Table5.A
Table5.B
Table5.C
Table5.D

Level 3

Sectoral report table

Table1

Sectoral report table

Table2(I)
Table2(II)

Sectoral report table

Table3

Sectoral report table

Table4

Sectoral report table

Table5

Level 2

Summary tables

Summary1
Summary2
Summary3

Cross-cutting tables
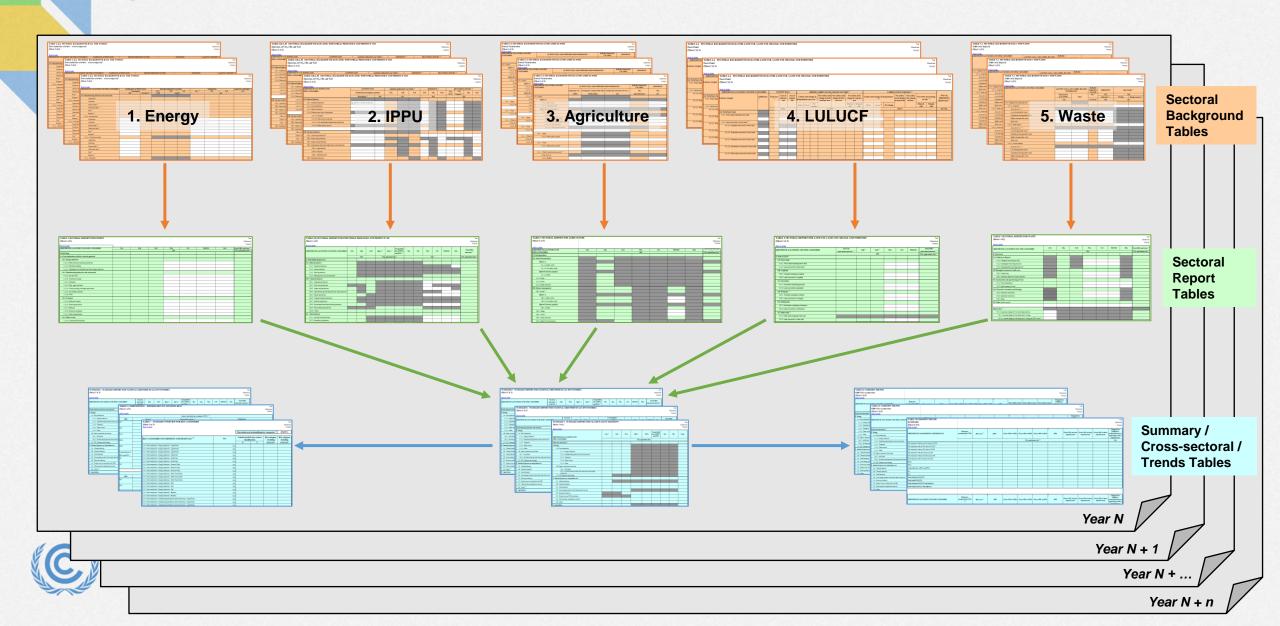
Table6
Table7
Table8s1
Table8s2
Table9
Flex_Summary

Trend tables

Table10s1
Table10s2
Table10s3
Table10s4
Table10s5
Table10s6

Level 1

United Nations
Climate Change
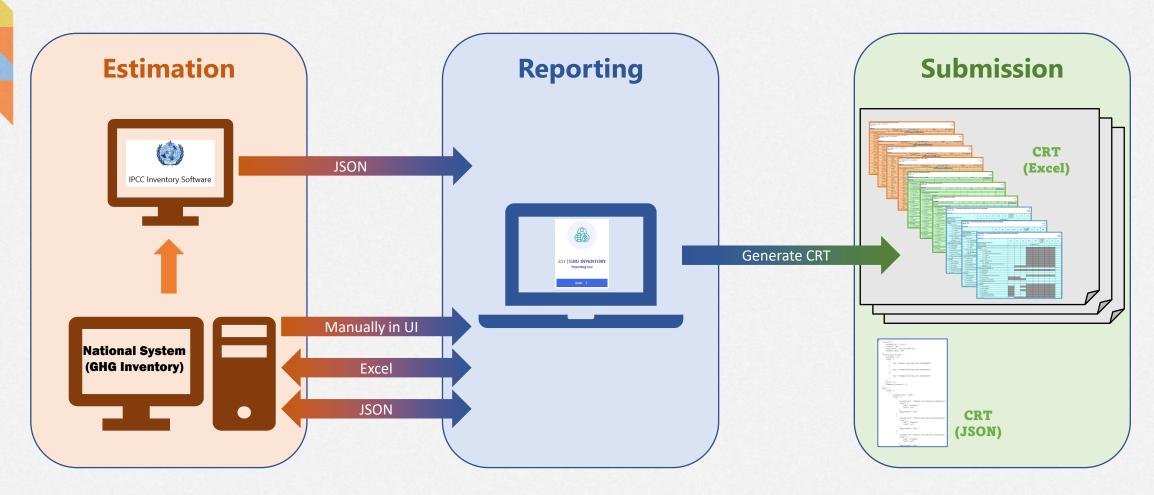
CRT worksheets
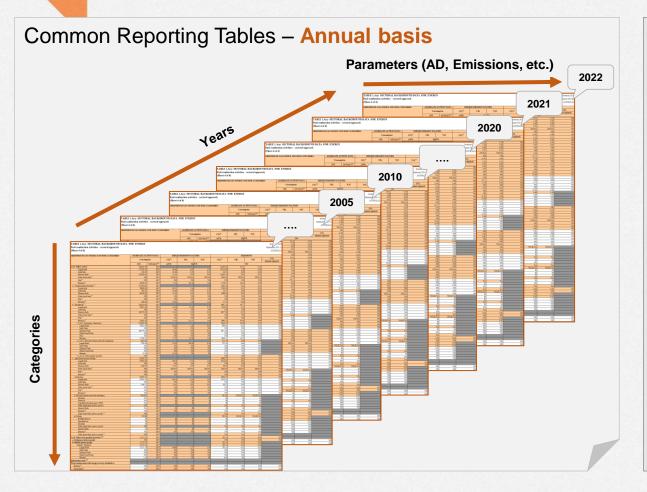
GHG inventory workflow
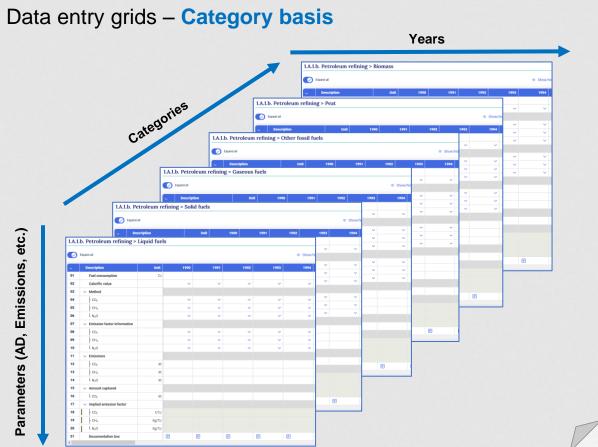
Common Reporting Tables and Data entry grids

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.

Live Demo

United Nations
Climate Change