ipcc
INTERGOVERNMENTAL PANEL ON climate change

SIXTIETH SESSION OF THE IPCC
Istanbul, Türkiye, 16 – 19 January 2024

MATTERS RELATED TO OTHER IPCC ACTIVITIES

IPCC Workshop on the IPCC Inventory Software

(Prepared by the Co-Chairs of the Task Force on National Greenhouse Gas Inventories)

(Submitted by the Secretary of the IPCC)

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IPCC Workshop on the IPCC Inventory Software

Background

In 2021, the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA) invited the IPCC to organize a technical training workshop in the second half of 2024 on its inventory software and the linkages of the software with the reporting tool for the electronic reporting of common reporting tables (paragraph 21 of Decision 5/CMA.3).

Within the scope of the IPCC Task Force on National Greenhouse Gas Inventories (TFI) is the production of a Software that allows user to estimate and report anthropogenic greenhouse gas (GHG) emissions and removals according to IPCC *good practice*, as well as to encourage its use.

By June 2024 the IPCC TFI expects to have completed the functionality for the interoperability of the IPCC Inventory Software with the United Nations Framework Convention on Climate Changes (UNFCCC) reporting tool for the national greenhouse gas inventory (NGHGI) common reporting tables (CRT), which means that the users could transfer data from the IPCC Inventory Software to compile the UNFCCC CRT.

Objectives

To demonstrate the IPCC Inventory Software functions and the interoperability function that allows the IPCC Inventory Software estimates to be fed into the UNFCCC reporting tool for CRT.

The demonstration will be possibly carried out with data provided to TFI by participants as excerpts from their NGHGI (where confidentiality does not apply); so that the testing can be considered more appropriate.

Target audience

UNFCCC NGHGI compilers who plan to use the IPCC Inventory Software for UNFCCC NGHGI submissions under the Enhanced Transparency Framework reporting.

Participants

A representative from each member countries should be allowed to participate up to a maximum of 195 participants; although, the expectation is around 100 participants.
Participants are expected to have a complete understanding of the IPCC Guidelines, and to bring with them a laptop computer with WindowsOS installed, given that the IPCC Inventory Software is not compatible with the Apple iOS.

Outcomes

A short report and a compilation of all presentations and material used to be published on TFI website.

Furthermore, the onset of a list of users of the IPCC Inventory Software, to which TFI can access to keep getting feedback and suggestions to be used as the basis for maintenance and further development of the IPCC Inventory Software.

Timing and Duration

The workshop is proposed for second half of 2024, lasting three days.

Financial support

The costs of the meeting will be borne by the cancellation of budget for the following meetings planned by TFI in 2024 -i.e. EFDB meetings (to be held by electronic means), EFDB and Software Users Feedback meeting, merged in the proposed Workshop-, for a total of 243,360 CHF, plus an additional contribution requested to the IPCC Trust Fund of 402,480 CHF.

Tentative Agenda

time	subject	speaker
DAY 1: the IPCC Inventory Software		
9:00-9:30	Opening	Host, TFI Co Chairs, UNFCCC secretariat
9:30-9:50	Background: ETF reporting, overview of tools	UNFCCC secretariat
9:50-10:30	Overview of the IPCC inventory software	TFI TSU
10:30 - 11:00	COFFEE BREAK	
11:00-11:30	Supporting tools to operate the software (general guide, guidebook, etc.)	TFI TSU
11:30-12:30	Q&A, Discussion	
Lunch break		
14:00-15:30	Country experience using the software, common challenges	TFB, country volunteers
15:30 - 16:00	COFFEE BREAK	
16:00-17:30	Hands on demonstration of the functions of the software - Getting started Setting of computers Presentation/Distribution of data	Facilitated by TFI TSU, TFB

time	subject	speaker
DAY 2: the linkages of the IPCC Inventory Software with the UNFCCC Reporting Tool		
9:00-10:30	Hands on demonstration of the functions of the software Possibly to split into 2 groups to enter real or dummy data for a year or two (just for a few categories) - Entering data (manually and through import function) - Using both Guidelines and Guidebook to facilitate estimation - Compiling sector results - Checking results	Facilitated by TFI TSU, TFB
10:30 - 11:00	COFFEE BREAK	
11:30-12:30	Hands on demonstration of the functions of the software Continue	Facilitated by TFI TSU, TFB
Lunch break		
14:00-15:30	Hands on demonstration of the functions of the software Continue	Facilitated by TFI TSU, TFB
15:30 - 16:00	COFFEE BREAK	
16:00-17:30	Hands on demonstration of the functions of the software Continue	Facilitated by TFI TSU, TFB

time	subject	speaker
DAY 3: (cont.) the linkages of the IPCC Inventory Software with the UNFCCC Reporting Tool		
9:00-9:45	Overview of the UNFCCC Reporting Tool	UNFCCC secretariat
9:45-10:30	Mapping between the IPCC Inventory Software and the UNFCCC Reporting Tool	TFI TSU
10:30 - 11:00	COFFEE BREAK	
11:00-11:30	Demonstration of transfer of data from the IPCC inventory software to the UNFCCC reporting tool	Facilitated by TFI TSU, TFB
11:30-12:30	Hands on exercise of the transfer of data from IPCC inventory software to the UNFCCC reporting tool: Json file preparation and production	Facilitated by TFI TSU, UNFCCC secretariat
Lunch break		
14:00-14:20	Submission to the UNFCCC	UNFCCC secretariat
14:20-15:30	Sharing of experiences by participants	Participants
15:30 - 16:00	COFFEE BREAK	
16:00-17:15	Further discussion on challenges and potential for further improvement	
17:15-17:30	Closing	TFI Co-Chairs, UNFCCC secretariat

Expected outcome

The Panel is invited to positively answer the 2021 CMA invitation by the UNFCCC to hold a Workshop in the second half of 2024 on the IPCC inventory software and the linkages of the software with the reporting tool for the electronic reporting of common reporting tables, while inviting the UNFCCC secretariat in supporting IPCC in the organization of the training workshop, in particular to:

- Participate to the training workshop to demonstrate interoperability with the UNFCCC ETF reporting tool.
- Identify the national responsible entity for the national GHG inventory to be invited.
- Support logistics of holding the Workshop.

The cost to be sustained by the IPCC Trust Fund for the organization of the workshop is estimated, in accordance with IPCC procedures, to a total of 645,840 CHF (552,000 CHF to support the participation of 138 experts from developing countries and economies in transition and 93,840 CHF for the organization). However, as noted, given that TFI is reducing budgeted costs for the year 2024 for a total amount of 243,360 CHF, the increased contribution requested to the IPCC Trust Fund to hold the Workshop is of 402,480 CHF.