

**SIXTY-THIRD SESSION OF THE IPCC**  
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**PROGRESS REPORTS**

**Report by the Task Force on National Greenhouse Gas Inventories**

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

(Submitted by the Secretary of the IPCC)

## PROGRESS REPORTS

### Report by the Task Force on National Greenhouse Gas Inventories

This report describes the activities undertaken by the Task Force on National Greenhouse Gas Inventories (TFI) since the last update presented during the Sixty-second Session of the IPCC in February 2025, including in relation to:

- A. Activities to develop Methodology Reports:
  - i. preparation of the 2027 Methodology Report on Inventories for Short-lived Climate Forcers (SLCFs); and
  - ii. consideration of the outline of the Methodology Report on Carbon Dioxide Removal Technologies, Carbon Capture Utilization and Storage
- B. Activities to promote the dissemination of information relating to the IPCC Guidelines, inventory methods and practices:
  - i. implementation of the TFI Communications Strategy;
  - ii. management of the IPCC Inventory Software; and
  - iii. implementation of the TFB's decisions on reforms to the IPCC Emission Factor Database.
- C. Other TFI activities

#### **A. Activities to develop Methodology Reports**

##### **(i) Preparation for the 2027 Methodology Report on Inventories for Short-lived Climate Forcers**

The Panel agreed the outline for a Report to be entitled “2027 IPCC Methodology Report on Inventories for Short-lived Climate Forcers’ at its 61<sup>st</sup> session (IPCC-61). The First Lead Author Meeting (LAM1) was held 24-26 March 2025 in Bilbao, Spain.

The Panel, at its 62<sup>nd</sup> session (IPCC-62), agreed to increase funding to support additional authors from developing and economies-in-transition countries for future LAMs. After consideration by the Steering Committee, an additional 20 Lead Authors have been invited by the Co-Chairs for LAM2 – mainly those with expertise in Industrial Processes and Product Use or the Agriculture, Forestry and Other Land Use sectors.

The LAM2 was held in Istanbul, Türkiye, from 7-9 October 2025. Statistics for LAM1 and LAM2 are reported in Attachment A.

##### **(ii) Consideration of the outline for a Methodology Report on Carbon Dioxide Removal Technologies, Carbon Capture, Utilization and Storage**

The Panel made a consideration of a draft outline for a Methodology Report on Carbon Dioxide Removal Technologies, Carbon Capture, Utilization and Storage at its 62<sup>nd</sup> session (IPCC-62). The draft outline considered by the Panel was prepared by the IPCC Scoping Meeting held in Copenhagen, Denmark on 14-16 October 2024 and is available [here](#). The Panel has not reached a conclusion on the outline for the Methodology Report.

The TFI Bureau, at its 38<sup>th</sup> meeting (TFB38), in Bilbao, Spain on 21, March 2025, decided that the TFI should reassess the feasibility of a revised workplan in order to adhere to the original timeline for completion of the Report by 2027 mentioned in the Panel's decision 9, IPCC-60.

## **B. Activities to promote the dissemination of information relating to the IPCC Guidelines, inventory methods and practices**

### **(i) Implementation of the TFI Communications Strategy**

The TFI Communications Strategy aims to promote the dissemination of the IPCC Guidelines, inventory and practices. Activities under the Strategy include:

- renewal of the TFI website (partly funded by the IPCC Trust Fund);
- establishment of an on-line Inventory Software User Community;
- the consolidation of existing Methodological Guidance; and
- TFI and TSU technical advice and participation in UNFCCC and other UN body workshops and international conference events including the UNFCCC Regional workshop for Africa (Namibia); the UNFCCC-GIR-CASTT workshop (Republic of Korea); WGIA22 (Cambodia); UNOSD (Kazakhstan); UNFCCC COP (Azerbaijan); CEOS Sit40 (Japan).

### **(ii) The management of the IPCC Inventory Software**

The IPCC Inventory Software Update was launched in June 2024 to support the use of the *2006 IPCC Guidelines* by countries in their reporting under the UNFCCC and the Paris Agreement. Their use of the IPCC Inventory Software is voluntary.

As of July, 65 countries have reported national GHG inventories under the Paris Agreement for the first time. Of these, around two-thirds used the IPCC Inventory Software in some capacity and around one-half of those used the IPCC Inventory Software's Interoperability function, which aims to significantly reduce the manual effort required by reporters to submit data under the Paris Agreement.

This high uptake by countries exceeded expectations and has made the IPCC Inventory Software an indispensable element in the national inventory systems of many countries reporting under the Paris Agreement.

Over the long term, the success of the IPCC's work in underpinning future emissions reporting under the Paris Agreement will depend on the ongoing, proper functioning of the IPCC Inventory Software.

The funding of the maintenance of the IPCC Inventory Software is partially financed by a small IPCC Trust Fund component while the development costs until now have been funded by generous voluntary contributions from the US and Japanese governments as well as by the UNFCCC.

A business case for the long-term funding of this work by governments is currently being prepared by the TFI.

The latest version of the IPCC Inventory Software can be downloaded from the TFI website [here](#).

### **(iii) Review of the procedures governing the IPCC Emission Factor Database (EFDB)**

At TFB 38, the TFB accepted the recommendations of the Emission Factor Database (EFDB) Management Group Review Report on the EFDB. Implementation of these recommendations will:

- re-emphasise the EFDB primary objective of providing transparency and traceability of default EFs reported in existing Methodology Reports of the IPCC TFI; as well as a basis for testing the accuracy/stability of IPCC default EFs over time, space and other characteristics;
- improve the cost-effectiveness of the EFDB by the relaxation of costly ex-ante controls and the streamlining of the Editorial Board, which will now include 7 members (one from each region);
- invest in a revamped EFDB IT database, partly funded by the IPCC Trust Fund;

- build relationships with data suppliers, including those associated with satellite measurement and estimation systems; and
- publish analyses of the EFDB data populations to provide traceability and test the robustness of IPCC Guidelines' factors.

### **C. Other TFI activities**

Discussions have commenced with CEOS in order to foster dialogue between IPCC TFI and Earth Observation (EO) practitioners including through methodological and data exchanges. The Co-Chairs would like to thank the Government of Japan for its ongoing support for the TFI TSU and the Governments of Spain, Türkiye, Norway and the United States of America for their current and past voluntary and in-kind contributions which are being used to support the work of the TFI in 2025.

## Attachment A: Process of participant selection and statistics of participants at IPCC TFI Expert Meetings and Workshops

### IPCC 2027 Methodology Report on Inventories for Short-lived Climate Forcers

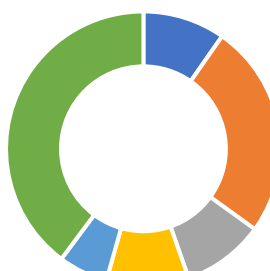





#### Objective

For LAM1, there were 103 CLA and LA participants (53 travel supports were provided by the IPCC Trust Fund (Decision IPCC-LX-10)). For LAM2, 123 CLA and LAs have been invited, courtesy of additional travel supports, including for the Steering Committee, agreed for LAM2 (Decision IPCC-LXII-7).

#### Selection process

Nominations were sought from IPCC Focal Points by the IPCC Secretary on 9 August 2024 and again on 2 October 2024 using the IPCC nominations portal. Additional nominations were sought from CLAs at LAM1. Final selections have been made by the TFB, with input from WG1.

#### Statistics

LAM1 (Bilbao, Spain, 24-26 March 2025)		
Distribution of participants by region	Distribution of participants by dvd and dvg/EITs	Distribution of participants by gender
 <ul style="list-style-type: none"> <li>Africa</li> <li>Asia</li> <li>South America</li> <li>North America</li> <li>South-West Pacific</li> <li>Europe</li> </ul>	 <ul style="list-style-type: none"> <li>Developed</li> <li>Developing &amp; EIT</li> </ul>	 <ul style="list-style-type: none"> <li>Female</li> <li>Male</li> </ul>
LAM2 (Istanbul, Türkiye, 7-9 October 2025)		
 <ul style="list-style-type: none"> <li>Africa</li> <li>Asia</li> <li>Europe</li> <li>South America</li> <li>South-West Pacific</li> <li>North America</li> </ul>	 <ul style="list-style-type: none"> <li>Developed</li> <li>Developing and EIT</li> </ul>	 <ul style="list-style-type: none"> <li>Male</li> <li>Female</li> </ul>