

SIXTY-FOURTH SESSION OF THE IPCC
Bangkok, Thailand, 24 to 27 March 2026

IPCC-LXIV/INF. 1
(26.II.2026)
Agenda Item: 7.6
ENGLISH ONLY

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)

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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-third Session of the IPCC in October 2025.

1. Methodology Reports

a. 2027 IPCC Methodology Report on Inventories for Short-lived Climate Forcers (SLCFs)

- The First Order Draft (FOD) has been uploaded on the IPCC website, and the expert review is underway. Deadline for review comments is 27 February. Registration of experts is open until 13 February. As of 23 January 2026, approximately 900 experts have been registered as reviewers.
- The Third Lead Author meeting (LAM3) is planned to be held on 21-24 April 2026 in Rome, Italy at the Food and Agriculture Organization (FAO) Headquarters. At LAM3, the authors will discuss comments to the FOD, work on answers to these comments and elaborate the Second Order Draft (SOD), which is due by 31 August 2026.

b. 2027 IPCC Methodology Report on Carbon Dioxide Removal Technologies, Carbon Capture, Utilization, and Storage (CDR/CCUS) for National Greenhouse Gas Inventories

- The call for nominations of the authors and review editors was open from 10 November to 12 December 2025. Over 530 experts were nominated.
- The Task Force Bureau (TFB), at its 39th meeting, held 13-14 January 2026 in Hayama, Japan, considered the CDR/CCUS Methodology Report nominations, and finalized the list at the end of January. Notification of selection and request for COI forms were sent at the end of January/early February.
- The selection process sought to ensure appropriate balance in terms of gender, geographical representation, prior IPCC experience and familiarity with the IPCC Guidelines. A statistical overview of nominations received, and the final author team composition is provided in Annex 1.
- The First Lead Author meeting (LAM1) is planned to be held on 14-16 April 2026 in Rome, Italy at FAO Headquarters.

2. IPCC Inventory Software

- ✓ The TFI Technical Support Unit (TSU) has continued to enhance the Software's functionality and ensure it remains a reliable tool for national and subnational inventory compilation in line with IPCC guidelines and the United Nations Framework Convention on Climate Change (UNFCCC) reporting requirements. In addition to these technical advancements, TSU remains committed to supporting the user community through the Users' Community & email service, guidebook publications, and interactive sessions to demonstrate the use of the Software.
- ✓ Improvements made in 2025 are of the following: Ensuring interoperability with the UNFCCC Reporting Software, XML Export/Import improvements; Revision of IPCC Reporting Tables; and improvement of tables, worksheets, and allocation tools in all sectors. In 2026, updates are expected to maintain interoperability with the UNFCCC Reporting Software, enhance time series estimation and recalculation, and further improvement of tables, worksheets, and allocation tools in all sectors.

3. IPCC Emission Factor Database (EFDB)

- ✓ An online meeting of the EFDB Editorial Board was held on 11 December 2025. The Editorial Board discussed the new EFDB Terms of Reference and Procedures. The Board noted the progress of the ongoing IT project to improve the structure of the EFDB, to conclude by end of 2027. Some expected improvements are searchability of the data, matching of data with IPCC defaults and other analysis on the data, ease of data upload, and export of data.

4. Other activities

a. Expert Meeting on IPCC Inventory Software/EFDB Users' Feedback

- The Expert Meeting on IPCC Inventory Software Users' Feedback was held in Valdivia, Chile, from 25 to 27 November 2025. The meeting brought together 22 participants representing 12 countries, primarily GHG inventory compilers from across Latin America. Participants shared lessons from their national inventory systems, reflected on their experiences using the Software, and discussed challenges encountered during the preparation of their first Biennial Transparency Reports.

b. Consolidation of IPCC Guidelines

- Work on the consolidation of the IPCC Guidelines (2006 IPCC Guidelines, 2013 Wetlands Supplement, 2019 Refinement) has progressed across multiple volumes. The TFB, at its 39th meeting, provided further guidance to the TFI TSU on the permissible scope of editorial and presentation adjustments in the consolidated guidelines. A revised draft will be presented to the TFB in the first half of 2026.

c. Other meetings

- **Contribution to IPCC Inventory software related events**
The TFI TSU contributed to webinars on IPCC Inventory Software hosted by the UNFCCC on Nov 25 (3 time-zones) explaining the core functions of the Software to 210 participants. The TFI TSU also provided technical support to a series of IPCC Inventory Software webinar hosted by Initiative for Climate Action Transparency (ICAT) from Sep-Dec 25 (2 time-zones) to 140 participants.
- **30th session of the Conference of the Parties (COP 30) Side Event**
TFB members participated in a COP side event that introduced the work of the TFI, with a focus on progress toward the 2027 Methodology Report on SLCF, as well as updates on the IPCC Inventory Software and the EFDB. Another side event provided updates on the IPCC Methodology Report on CDR/CCUS, alongside broader TFI activities such as work on land-use emissions.
- **Global Forest Observations Initiative (GFOI) Plenary (23-25 Oct)**
The TFI TSU contributed to the 2025 GFOI Plenary in Bali, through presentations at a side event. Engagement focused on strengthening links between GFOI and the IPCC TFI through the use of the IPCC Inventory Software and encouraging contributions to the EFDB.

ANNEX 1 – OVERVIEW OF NOMINATIONS AND SELECTED AUTHORS FOR THE 2027 IPCC METHODOLOGY REPORT ON CDR AND CCUS

The Task Force Bureau undertook an expertise-driven and iterative selection process in line with the Principles Governing IPCC Work.

In addition to ensuring comprehensive coverage of the approved outline, considerations included gender balance, geographical representation across IPCC regions, prior IPCC experience, and familiarity with the development of IPCC Guidelines, given the methodological and technical scope of the report.

The tables below provide a statistical comparison between nominations received and the final composition of the author team.

Table 1. Comparison of nominations received and final author team composition

<i>Indicator</i>	<i>Nominations</i>	<i>Selected Authors</i>
<i>Total number</i>	525	158
<i>Countries represented</i>	70	55
<i>Women (%)</i>	32%	39%
<i>Developing countries / CEITs (%)</i>	65%	47%
<i>No prior IPCC experience (%)</i>	60%	44%
<i>Prior authorship of IPCC Guidelines (%)</i>	7%	18%

Table 2. Regional distribution of nominations and selected authors

<i>Indicator</i>	<i>Nominations</i>	<i>Selected Authors</i>
<i>Africa</i>	12%	8%
<i>Asia</i>	28%	25%
<i>South America</i>	9%	7%
<i>North America, Central America & Caribbean</i>	14%	15%
<i>South-West Pacific</i>	5%	8%
<i>Europe</i>	32%	35%