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IPCC experts in Rome to advance Methodology Report on Short-lived Climate Forcers

GENEVA, April 22 – Over 130 experts from more than 50 countries are meeting at the headquarters of the Food and Agriculture Organisation (FAO) in Rome, Italy, for the third Lead Author Meeting of the *2027 Methodology Report on Inventories for Short-lived Climate Forcers (SLCF) of the Intergovernmental Panel on Climate Change (IPCC)*.

“This meeting is a key moment in the development of the SLCF Methodology Report, as authors work together to consolidate the science and methodological approaches needed for a robust Second Order Draft,” said Takeshi Enoki, one the Co-Chairs of the IPCC’s Task Force on National Greenhouse Gas Inventories (TFI) responsible for preparing the report.

The *SLCF Methodology Report* aims to provide clear guidance on estimating emissions of key short-lived climate-forcing substances, including nitrogen oxides, carbon monoxide, and others, which significantly contribute to global and regional air quality and climate change.

The author teams will be finalising the second order draft of the report. The draft will be open for review from 31 August to 25 October 2026.

“The Second Order Draft review is a crucial step in the IPCC process, allowing governments and experts to provide feedback that strengthens the clarity, robustness and usability of the guidance before it is finalised,” said Mazhar Hayat, the other TFI Co-Chair.

The IPCC agreed upon the [outline](#) of the 2027 IPCC Methodology Report on Inventories for Short-lived Climate Forcers at its 61st Session held in Sofia, Bulgaria from 27 July to 2 August 2024. It will be finalized in 2027.

The TFI Bureau, also known as the Task Force Bureau, in consultation with relevant Working Groups’ Co-Chairs, selected the report’s Coordinating Lead Authors, Lead Authors and Review Editors. The full list of authors and review editors is [here](#).

For more information, contact:

IPCC Press Office, Email: ipcc-media@wmo.int;
Andrej Mahecic, +41 22 730 8516; Werani Zabula, +41 22 730 8120.

What is the IPCC?

The Intergovernmental Panel on Climate Change (IPCC) is the UN body for assessing the science related to climate change. It was established by the United Nations Environment Programme (UNEP) and the World Meteorological Organization (WMO) in 1988 to provide political leaders with periodic scientific assessments concerning climate change, its implications and risks, as well as to put forward adaptation and mitigation strategies. In the same year the UN General Assembly endorsed the action by the WMO and UNEP in jointly establishing the IPCC. It has 195 member states.

Thousands of people from all over the world contribute to the work of the IPCC. For the assessment reports, experts volunteer their time as IPCC authors to assess the thousands of scientific papers published each year to provide a comprehensive summary of what is known about the drivers of climate change, its impacts and future risks, and how adaptation and mitigation can reduce those risks.

The IPCC has three working groups: [Working Group I](#), dealing with the physical science basis of climate change; [Working Group II](#), dealing with impacts, adaptation and vulnerability; and [Working Group III](#), dealing with the mitigation of climate change. It also has a [Task Force on National Greenhouse Gas Inventories](#) that develops methodologies for measuring emissions and removals.

IPCC assessments provide governments, at all levels, with scientific information that they can use to develop climate policies. IPCC assessments are a key input into the international negotiations to tackle climate change. IPCC reports are drafted and reviewed in several stages, thus guaranteeing objectivity and transparency.

About the Seventh Assessment Cycle

Comprehensive scientific assessment reports are published every 5 to 7 years. The IPCC is currently in its seventh assessment cycle, which formally began in July 2023 with the elections of the new [IPCC and Task Force Bureaus](#) at the IPCC's Plenary Session in Nairobi.

At its first Plenary Session in the seventh assessment cycle – the 60th Plenary Session in Istanbul, Türkiye, in January 2024 – the Panel agreed to produce in this cycle the three Working Group contributions to the Seventh Assessment Report (AR7), namely the Working Group I report on the Physical Science Basis, the Working Group II report on Impacts, Adaptation and Vulnerability and the Working Group III report on Mitigation of Climate Change. The Synthesis Report of the Seventh Assessment Report will be produced after the completion of the Working Group reports and released by late 2029.

During its 62nd Plenary Session held in Hangzhou, China, in February 2025, the Panel has agreed on the outlines of the three Working Group contributions to the Seventh Assessment Report (AR7).

At the Panel's most recent Plenary Session in Lima, Peru, in October 2025, member governments agreed on the scientific content of the [2027 Methodology Report on Carbon Dioxide Removal Technologies, Carbon Capture, Utilization and Storage](#). There, the Panel also agreed on the 2026 workplan for the three Working Group contributions to the Seventh Assessment Report.

The Panel decided already during the previous cycle to produce a Special Report on Climate Change and Cities and a Methodology Report on Short-lived Climate Forcers during AR7.

At the IPCC's 61st Plenary Session held in Sofia, Bulgaria, from 27 July to 2 August 2024, the Panel agreed upon the outlines for the [Special Report on Climate Change and Cities](#) scheduled for approval and publication in March 2027 and for the [2027 IPCC Methodology Report on Inventories for Short-lived Climate Forcers](#) scheduled for publication in the second half 2027.

In addition, a revision of the 1994 IPCC Technical Guidelines on impacts and adaptation as well as adaptation indicators, metrics and guidelines, will be developed in conjunction with the Working Group II report and published as a separate product.

IPCC's latest report, the Sixth Assessment Report, was completed in March 2023 with the release of its Synthesis Report, which provided direct scientific input to the First Global Stocktake process under the United Nations Framework Convention on Climate Change at COP28 in Dubai.

For more information visit www.ipcc.ch.