

The IPCC Inventory Software: A Tool to Support the Enhanced Transparency Framework Implementation under the Paris Agreement

Side event jointly organized by the UNFCCC secretariat and the IPCC TFI

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5 June 2024

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Climate Change



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GHG Support Unit Activities

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GHG Support Unit Activities

Core components

- 1. Sustainable National GHG Inventory Management Systems** (setting up, maintenance of institutional, legal, and procedural arrangements)
- 2. Knowledge Development** (technical capacity on methods, tools, reporting requirements, etc.)
- 3. Data Management and Quality** (data improvement, gaps filling, uncertainty analysis, time-series consistency, etc.)

Cross-cutting

- 1. Reporting requirements for MRV**
- 2. Reporting requirements for ETF (MPGs)**
- 3. 2006 IPCC Guidelines for national GHG inventories, incl. IPCC inventory software**
- 4. 2013 Supplement to the 2006 IPCC Guidelines for National GHG Inventories: Wetlands**
- 5. 2019 Refinement to the 2006 IPCC Guidelines (*used on a voluntary basis only*)**





GHG Support Unit Activities



Workshops

- ### Regional Workshops
- 5-day regional workshops on building national GHG IMS and **2006 IPCC Guidelines and software**
 - Collaboration with IPCC and US- EPA



Quality Assurances

- ### QA of GHG-IMS and GHGI
- **On-demand** 5-day workshop
 - Findings and Recommendations for Improvement



Tools and Platforms

- ### GHG Help Desk
- Interactive communication platform
 - Continued support to developing countries on GHG inventory topics



Learning and Certification

- ### E-learning & certification program
- Online training courses (2006 IPCC GLs)
 - Collaboration with GHG Management Institute
 - Input to the UNFCCC roster of experts

Global Workshops

- 3-4-day global workshops on the tools supported - **SAGE** and **MITICA**
- Collaboration with GHG Management Institute and Gauss Int.

QA of EIMS and Energy statistics

- 4-day in country workshop
- Energy statistics and balance
- Collaboration with **IEA** and **UNSD**

SAGE

- Sectoral Activity data for GHG Emissions tool

MITICA

- Mitigation-Inventory Tool for Integrated Climate Action

AFOLU platform

- Knowledge development on remote sensing, data access, and improvement

2025 – Regional Workshop – 2006 IPCC Guidelines and IPCC Inventory Software

Regional Workshop on the building of sustainable national GHG Inventory Management Systems, and the use of the 2006 IPCC Guidelines for National GHG Inventories

- 5 days regional workshop for Africa
- How to establish and/or strengthen **national institutional arrangements** for the implementation of the Modalities, Procedures, and Guidelines for the Enhanced Transparency Framework under the Paris Agreement (**1 day**).
- How to effectively implement **the 2006 IPCC Guidelines**, In collaboration with the **IPCC Task Force on National GHG Inventories (4 days)**.
- Focus on the training on **the latest version of the IPCC inventory software**.
- Interactive training approach: presentations, discussions, exercises with real data sets and the IPCC inventory software.
- Presentations by Parties on their experiences, and question and answer sessions to allow the specifics of the various sub-regions to be addressed.

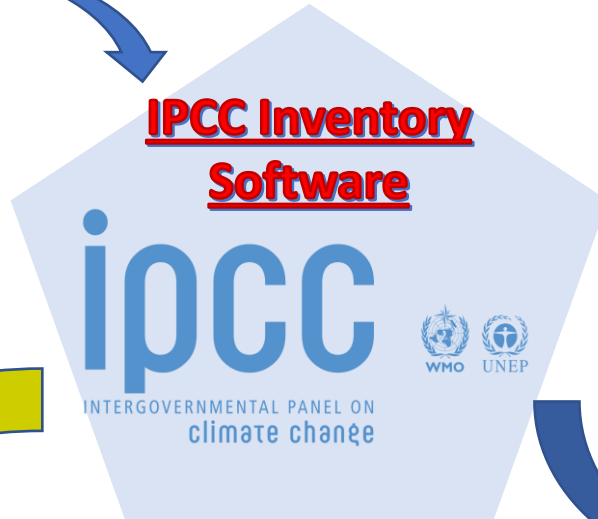
Tools Supported by the Secretariat

Sectoral Activity Data for GHG Emissions - **SAGE**

IPCC Inventory Software

Mitigation-Inventory Tool for Integrated Climate

Action - **MITICA**



Interoperability with the UNFCCC reporting tools



THANK YOU FOR YOUR ATTENTION!

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GHG Support

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