



Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems and the Use of the IPCC Inventory Software to Support the Implementation of the Enhanced Transparency Framework under the Paris Agreement for the African Region

Organized by the UNFCCC Secretariat in collaboration with the Intergovernmental Panel on Climate Change and the United States Environmental Protection Agency

Windhoek, Namibia
27 – 31 January 2025

Agenda

Monday, 27 January 2025

08:00 - 09:00 **Registration**

Session 1 – Opening

09:00 - 09:45 **Opening session**

- Welcome – (Namibia, tbc)
- Opening remarks – UNFCCC secretariat, IPCC TFI, and US EPA
- Opening remarks – (Namibia, tbc)
- Self-introduction by participants

09:45 – 10:00 ○ Presentation of the workshop objectives, expectations, and agenda – UNFCCC Secretariat

10:00 - 10:15 **Coffee break and groupe photo**

10:15 - 11:00 ○ Requirements for national GHG inventory reports as part of the biennial transparency reports under the enhanced transparency framework of the Paris Agreement – UNFCCC Secretariat

Session 2 –The US-EPA Toolkit for Building National GHG Inventory Systems

11:00 - 12:00 ○ Presentation of the US-EPA Toolkit for Building National GHG Inventory Systems (by US EPA)
Overview of templates that can help inventory compilers to comprehensively document critical components of a national GHG inventory system.

12:00 - 12:30 ○ Country-presentation on national GHG Inventory Management System (e.g., South Africa)

12:30 – 14:00 **Lunch break and DSA payment**

Session 2 – (Cont.)

14:00 - 15:00 ○ Presentation of the US-EPA Toolkit for Building National GHG Inventory Systems (by US EPA) – *Cont.*
Overview of templates that can help inventory compilers to comprehensively document critical components of a national GHG inventory system.

15:00 - 15:30 ○ Country-presentation on national GHG Inventory Management System (e.g., Benin)

15:30 – 15:45 **Coffee break**

15:45 - 16:45 ○ Presentation on US-EPA Toolkit for Building National GHG Inventory Systems (by US EPA) – *Cont.*
Overview of templates that can help inventory compilers to comprehensively document critical components of a national GHG inventory system.

16:45 - 17:30 ○ Q&A session

Tuesday, 28 January 2025

Session 3 – 2006 IPCC Guidelines and hands-on exercises on the IPCC Inventory Software

This section will address how to use the sector-specific worksheets of the IPCC Inventory Software to estimate the GHG emissions in the Energy, IPPU, Agriculture, LULUCF and Waste sectors, including navigate through categories, insert activity data, emission factors and parameters, uncertainty data, notation keys, analyze the results, etc.

9:00 - 10:00 ○ Presentation on the IPCC Inventory Software (by IPCC TFI)

The main menu structure of the software will be presented (e.g., application, database, inventory year, worksheets, reports, tools, import/expert, administrate, interoperability, window, and help, etc.).

10:00 - 10:30 ○ **Energy sector**

This session will provide an overview of the 2006 IPCC Guidelines for the energy sector and focus on hands-on exercises on the IPCC inventory software based on an exercise for the energy sector.

○ **Agriculture sector**

This session will provide an overview of the 2006 IPCC Guidelines for the agriculture sector and focus on hands-on exercises on the IPCC inventory software based on an exercise for the agriculture sector.

10:30 - 10:45 *Coffee break*

10:45 - 12:30 ○ **Energy sector (Cont.)**

○ **Agriculture sector (Cont.)**

12:30 - 14:00 *Lunch break*

14:00 - 15:45 ○ **Energy sector (Cont.)**

○ **Agriculture sector (Cont.)**

15:45 - 16:00 *Coffee break*

16:00 - 17:30 ○ **Energy sector (Cont.)**

○ **Agriculture sector (Cont.)**

Wednesday, 29 January 2025

Session 3 – 2006 IPCC Guidelines and hands-on exercises on the IPCC Inventory Software (Cont.)

09:00 - 10:30 ○ **IPPU sector**

This session will provide an overview of the 2006 IPCC Guidelines for the IPPU sector and focus on hands-on exercises on the IPCC inventory software based on an exercise for the IPPU sector.

○ **LULUCF sector**

This session will provide an overview of the 2006 IPCC Guidelines for the LULUCF sector and focus on hands-on exercises on the IPCC inventory software based on an exercise for the LULUCF sector.

10:30 - 10:45 *Coffee break*

10:45 - 12:30 ○ **IPPU sector (Cont.)**

○ **LULUCF sector (Cont.)**

12:30 - 14:00 *Lunch break*

14:00 - 15:45 ○ **IPPU sector (Cont.)**

○ **LULUCF sector (Cont.)**

15:45 - 16:00 *Coffee break*

16:00 - 17:30 ○ **IPPU sector (Cont.)**

○ **LULUCF sector (Cont.)**

Thursday, 30 January 2025

Session 3 – 2006 IPCC Guidelines and hands-on exercises on the IPCC Inventory Software (Cont.)

09:00 - 10:30 ○ **Waste sector**

This session will provide an overview of the

○ **LULUCF sector (Cont.)**

*2006 IPCC Guidelines for the waste sector
and focus on hands-on exercises on the
IPCC inventory software based on an
exercise for the waste sector.*

10:30 - 10:45	Coffee break	
10:45 - 12:30	○ Waste sector (Cont.)	○ LULUCF sector (Cont.)
12:30 - 14:00	Lunch break	
14:00 - 15:45	○ Waste sector (Cont.)	○ LULUCF sector (Cont.)
15:45 - 16:00	Coffee break	
16:00 - 17:30	○ Waste sector (Cont.)	○ LULUCF sector (Cont.)

Friday, 31 January 2025

Session 4 – Use of IPCC Inventory Software to compile sectoral GHG inventories and generate Common Reporting Tables

The section will demonstrate how to compile the sectoral GHG inventories from the Energy, IPPU, AFOLU and Waste sectors into a complete national GHG inventory using the import/export functions (e.g., xml files), address cross-cutting issues (uncertainty analysis, key category analysis, etc.). The use of the interoperability functions to generate the common reporting tables will also be explained.

09:00 - 10:30	○ Crosscutting technical issues and compilation of sectoral GHG inventories into a complete national GHG inventory – import/export functions (e.g., xml files), cross-cutting issues (uncertainty analysis, key category analysis, etc.).
10:30 - 10:45	Coffee break
10:45 - 12:30	○ Crosscutting technical issues and compilation of sectoral GHG inventories (Cont.)
12:30 – 14:00	Lunch break
14:00 - 15:45	○ UNFCCC GHG inventory reporting tool under the enhanced transparency framework of the Paris Agreement – Interoperability functions to generate the common reporting tables
15:45 - 16:00	Coffee break

Session 5 – Closing

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| 16:00 - 16:15 | ○ Closing remarks by IPCC-TFI |
| | ○ Lessons learnt from the training, next steps, closing remarks – UNFCCC Secretariat |
| | ○ End of training |