



## 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
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- 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 group 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

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

#### **Session 2 – (Cont.)**

14:00 – 14:45 ○ 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.*

14:45 - 15:15 ○ Country-presentation on national GHG Inventory Management System

15:15 – 15:30 **Coffee break**

15:30 - 16:15 ○ 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.*

- 16:15 – 16:45      ○ Country-presentation on national GHG Inventory Management System
- 16:45 – 16:50      ○ US-EPA wrap-up
- 16:50 - 17:30      ○ Q&A session

**Tuesday, 28 January 2025**

**Session 3 – 2006 IPCC Guidelines in hands-on exercises with the IPCC Inventory Software (IPCC TFI TSU)**

*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, analyse the results, etc.*

- 9:00 - 10:30      ○ **Presentation of the IPCC Inventory Software**  
*General presentation of the Software and of the support the IPCC TFI TSU provides  
Software installation, First Run, Database setting, check of any problems  
Functionalities (including uncertainty analysis and key category analysis)*

10:30 - 10:45      *Coffee break*

- 10:45 - 12:30      ○ **Presentation of the IPCC Inventory Software (Cont.)**  
○ Open question session to answer key challenges raised by participants when developing their national GHG inventories (Part I)

12:30 – 14:00      *Lunch break*

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| <ul style="list-style-type: none"> <li>14:00 – 15:45      ○ <b>Energy sector</b><br/> <i>This session will provide an overview of the 2006 IPCC Guidelines for the energy sector and focus on hands-on exercises in applying the IPCC inventory software for the energy sector</i></li> </ul> | <ul style="list-style-type: none"> <li>○ <b>Agriculture sector</b><br/> <i>This session will provide an overview of the 2006 IPCC Guidelines for the agriculture sector and focus on hands-on exercises in applying the IPCC inventory software for the agriculture sector</i></li> </ul> |
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15:45 – 16:00      *Coffee break*

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| <ul style="list-style-type: none"> <li>16:00 – 17:30      ○ <b>Energy sector (Cont.)</b></li> </ul> | <ul style="list-style-type: none"> <li>○ <b>Agriculture sector (Cont.)</b></li> </ul> |
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**Wednesday, 29 January 2025**

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

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| <ul style="list-style-type: none"> <li>09:00 – 10:30      ○ <b>Energy sector (Cont.)</b></li> </ul> | <ul style="list-style-type: none"> <li>○ <b>Waste sector</b><br/> <i>This session will provide an overview of the 2006 IPCC Guidelines for the waste sector and focus on hands-on exercises in applying the IPCC inventory software for the waste sector.</i></li> </ul> |
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10:30 – 10:45      *Coffee break*

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| <ul style="list-style-type: none"> <li>10:45 – 12:30      ○ <b>Energy sector (Cont.)</b></li> </ul> | <ul style="list-style-type: none"> <li>○ <b>Waste sector (Cont.)</b></li> </ul> |
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12:30 – 14:00      *Lunch break*

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| <ul style="list-style-type: none"> <li>14:00 – 15:45      ○ <b>Waste sector (Cont.)</b></li> </ul> | <ul style="list-style-type: none"> <li>○ <b>LULUCF sector</b><br/> <i>This session will provide an overview of the 2006 IPCC Guidelines for the LULUCF sector and focus on hands-on exercises in applying the IPCC inventory software for the LULUCF sector.</i></li> </ul> |
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15:45 – 16:00      *Coffee break*

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| <ul style="list-style-type: none"> <li>16:00 – 17:30      ○ <b>Waste sector (Cont.)</b></li> </ul> | <ul style="list-style-type: none"> <li>○ <b>LULUCF sector (Cont.)</b></li> </ul> |
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## Thursday, 30 January 2025

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

09:00 – 10:30 ○ IPPU sector ○ LULUCF sector (Cont.)

*This session will provide an overview of the 2006 IPCC Guidelines for the IPPU sector and focus on hands-on exercises in applying the IPCC inventory software for the IPPU 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.)

## 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 (xml files), as well as interoperability with the UNFCCC ETF reporting tool (generating the UNFCCC common reporting tables (CRTs), compiling information in the CRTs -including using notation keys-, generating Json files).*

09:00 – 10:30 ○ UNFCCC GHG inventory reporting tool under the enhanced transparency framework of the Paris Agreement (UNFCCC secretariat)

10:30 – 10:45 *Coffee break*

10:45 – 12:30 ○ Interoperability between the IPCC inventory software and the UNFCCC ETF reporting tool – Compiling a single inventory database; Preparing information for the UNFCCC Common Reporting Tables (IPCC TFI TSU)

12:30 – 14:00 *Lunch break*

14:00 – 15:45 ○ Interoperability between the IPCC inventory software and the UNFCCC ETF reporting tool – Exporting data from the IPCC Inventory Software; Setting an Inventory in the UNFCCC ETF reporting tool and uploading data (IPCC TFI TSU)  
○ Open question session to answer key challenges raised by participants when developing their national GHG inventories (Part II)

15:45 - 16:00 *Coffee break*

### Session 5 – Closing – Moderated by the UNFCCC Secretariat

16:00 - 16:30 ○ Discussion on lessons learnt throughout the workshop (UNFCCC, USEPA, IPCC)  
○ Closing remarks  
○ Workshop evaluation  
○ End of training