

## Post-in-country training on the use of IPCC software for data collection and analysis for the waste sector- Malawi.

Date: 05 February 2024 | Format: Online

### Background

Following the in-country training on Waste Sector GHG inventories using the UNFCCC tool (IPCC2016.exe) that took place from the 15 17 November 2023 in Malawi by the CBIT Global Support program, the approach was meant to provide post-training support and address participants' queries and concerns, including troubleshooting issues, clarifying methodologies, and assist with data harmonization.

Overall, the in-country training on Waste Sector GHG inventories using the UNFCCC tool helped to elevate the understanding of participants in the CoP sessions on GHG calculations during CoP 28.

The aim of the post support is to help individuals responsible for the data collection to get an understanding of how to use data collection templates and manual of Procedures to identify the institutional/ individual expert roles and responsibilities for the category-specific activities in the planning, preparation, and management of the waste sector inventory based on MoP training material.

The CBIT- Global Support program is hereby providing one day of virtual post-training support. Malawi waste sector experts will also prepare and provide training reports, including the number of topics covered, feedback received, and recommendations for future training and improvements to the GHG inventory process.

### The objective

The objective of the Online (7) hours of training is to help participants apply the IPCC Inventory Software and the CRT Tables for the waste sector categories and subcategories occurring in Malawi. Using country-specific (where available) and Default Data.

Basically, the training will be using available country activity data and IPCC default data for the emission estimation for all the subcategories.

- One (1) hour to complete the assignment of the institutional and individual roles and responsibilities for the data collection based on the data collection templates introduced during the training;
- One (1) hour for the Manual of Procedures to identify the institutional/ individual expert roles and responsibilities for the category-specific activities in the planning, preparation, and management of the waste sector inventory (Annex 1);



- five (5) hours for the application of the IPCC Inventory Software and the CRT Tables for the waste sector categories and subcategories occurring in Malawi. Using country-specific (where available) and Default Data. These are:
  - o 4A - Solid waste disposal
  - o 4. C.1 - Incineration of cynical waste
  - o 4. C.2 - Open burning of Waste (Municipal solid waste)
  - o 4. D.1 - Domestic wastewater treatment and discharge
  - o 4. D.2- Industrial wastewater treatment and discharge.

### **The Expected Outcomes**

The overall expected outcomes towards realizing the support ultimate objectives.

- National inventory experts and stakeholders have a good understanding of the minimum reporting requirements for the GHG inventory in the light of modalities, procedures, and guidelines (MPGs) for the transparency framework for action and support referred to in Article 13 of the Paris Agreement decision 18/CMA.1 and Decision 5/CMA.3.
- National experts from the waste sector are involved in identifying the gaps in the latest inventory of Malawi and the opportunities for improvements that informed the training.
- National inventory experts and stakeholders collectively have enhanced knowledge and understanding of Waste Sector GHG inventory data needs in accordance with the higher tier methodologies of the 2006 IPCC Guidelines for GHG inventories and its 2019 Refinement to meet the MPGs requirement under the Paris Agreement.
- National inventory experts and stakeholders are conversant with GHG inventory Data collection templates and Data compilation tools for GHG data required for higher tier methods for waste sector emission calculations.
- National inventory experts and stakeholders are introduced to the UNFCCC sectoral activity data management for greenhouse gas inventory and 2006 IPCC guidance on data management, quality assurance, and uncertainty assessment in GHG inventory calculations.
- National inventory experts trained in the use of the enhanced IPCC GHG inventory Software for the application of higher methods of estimation and reporting waste sector GHG inventory,
- National inventory compilers and facility-level data providers are aware of the enhanced IPCC Inventory software reporting tables and the Common reporting tables (CRTs) of the BTR under the enhanced transparency framework.

### Target Audience

The training targets participants who took part in the in-country training in Malawi 15-17 November 2023.

**AGENDA**  
**FOR POST IN-COUNTRY SUPPORT TRAINING ON WASTE SECTOR INVENTORIES**  
**Malawi Virtual Training**  
**5 February 2024. 08:00-18:00 GMT+2**

TIME	SUB-ACTIVITY	REMARK
8:00 -8:30	Registration of Participants	<i>CBIT-Malawi Team</i>
8:30-9:00	Welcome and Introduction	<i>CBIT-Malawi Team</i>
<b>Session I</b>	<b>Institutional and individual roles and responsibilities for the data collection</b>	
9:00:09:45	Assigned institutional and individual roles and responsibilities for the data collection based on the data collection templates training material	<i>CBIT-Malawi Team</i>
09:45:10:30	Manual of Procedures to identify the institutional/ individual expert roles and responsibilities for the category-specific activities in the planning, preparation, and management of the waste sector inventory based on MoP training material	<i>Consultant</i>
10:30-10:45 AM	<b>REFRESHMENTS</b>	<i>Malawi-Logistics Team</i>
<b>Session II</b>	<b>Application of Enhanced IPCC Inventory Software- Category 4A and 4.C.1</b>	
10:45-12:15	<ul style="list-style-type: none"> <li>● 4A - Solid waste disposal</li> </ul>	<i>CBIT-GSP Team</i>
12:15-13:15 PM	LUNCH BREAK	<i>Logistics Team</i>
<b>Session III</b>	<b>Application of Enhanced IPCC Inventory Software- Category 4.C.1 and 4.C.2</b>	
13:15-14:00	<ul style="list-style-type: none"> <li>● 4.C.1 - Incineration of clinical waste</li> </ul>	<i>Consultant</i>
14:00-15:00	<ul style="list-style-type: none"> <li>● 4.C.2 - Open burning of Waste ( Municipal solid waste)</li> </ul>	<i>Consultant</i>
<b>Session IV</b>	<b>Application of Enhanced IPCC Inventory Software- Category 4.D.1 and 4.D.2</b>	
15:00-16:00	4.D.1 - Domestic wastewater treatment and discharge	<i>Consultant</i>
<b>16:00-16:15</b>	<b>REFRESHMENTS</b>	<i>Logistics Team</i>
16:15-17:00	4.D.2- Industrial wastewater treatment and discharge.	<i>Consultant</i>
<b>Session V</b>	<b>Critical Next Steps</b>	
17:00-17:15	Next Steps	<i>CBIT-Malawi Team</i>
17:15-17:30	Closing Remarks	<i>CBIT-GSP/CBIT-Malawi/EAD</i>