

TRANSPARENCY UNDER THE PARIS AGREEMENT

The 20th Workshop on GHG Inventories in Asia (WGIA 20)

27th June 2023

Strengthen the capacity of developing countries to prepare and manage national GHG inventories as a basis for effective implementation of the Enhanced Transparency Framework under the Paris Agreement



United Nations
Climate Change Secretariat

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GHG Support Unit Activities



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GHG Support Webpage



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GHG Support

<https://unfccc.int/process-and-meetings/transparency-and-reporting/support-for-developing-countries/ghg-support>



Last updated on 27/05/2022

Vision

Providing efficient and innovative technical support on the development of national greenhouse gas (GHG) inventories to developing countries for an effective implementation of the measurement, reporting and verification system and the enhanced transparency framework under the Paris Agreement.

The GHG Support Unit of the Transparency Division performs the following main functions aimed at assisting developing countries:

- Supporting, through in-country quality assurance (QA) activities and regional training workshops, the establishment and maintenance of sustainable national GHG inventory management systems in developing countries;
- Building, through regional training workshops and online training and certification programme, the

GHG HELP DESK

GHG Help Desk is a communication platform that allows GHG inventory experts facing technical challenges to post their questions and receive answers within one working day.

LATEST AND UPCOMING EVENTS

Upcoming events:

20 to 25 August 2022

In-country quality assurance (Asia)

18 to 22 July 2022

In-country quality assurance (Africa)

4 to 8 July 2022



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GHG Support Newsletter 6:
February 11, 2022

moderator February 11



GHG Support Newsletter 5:
November 26, 2021

moderator November 26, 2021

Discussion Forum

Reporting requiremen...	National GHG...	Cross-cutting GH...
Energy sector	IPPU sector	AFOLU sector
Waste sector	Other	

Team calendar

Upcoming Past

There aren't any events scheduled. To add a new event, go to the [Giving? Campaign Marketing](#) group calendar in Outlook.

Methods and Tools

[See all](#)

+ New ... All Documents

	Name	Title
	General	
	Technical Assistance and Feedback	
	ALU Agriculture and Land Use Na...	ALU A



Core components	Cross-cutting
<p>Sustainable National GHG Inventory Management Systems (setting-up, maintenance of institutional, legal, procedural arrangements)</p>	<ul style="list-style-type: none">▪ Reporting requirements for MRV▪ Reporting requirements for ETF (MPGs)▪ 2006 IPCC Guidelines for national GHG inventories, incl. IPCC inventory software▪ 2013 Supplement to the 2006 IPCC Guidelines for National GHG Inventories: Wetlands▪ 2019 Refinement to the 2006 IPCC Guidelines (used on a voluntary basis)
<p>Knowledge Development (technical capacity on methods, tools, reporting requirement, etc.)</p>	
<p>Data Management and Quality (data improvement, gaps filling, uncertainty analysis, time-series consistency, etc.)</p>	

Regional WS on GHG-IMS and 2006 IPCC GLs

5-day regional WS (Africa; Asia-Pacific and Eastern Europe; Latin America and Caribbean) with the collaboration of IPCC, FAO and US-EPA.

Quality Assurance GHG-IMS, GHGI

5-day in-country working sessions, upon request, voluntary and confidential (IMS, GHG inventories, NC, BUR, NDC) → findings, comments, recommendations for improvement documented in a 200-page QA template.

Thematic workshops

- * **Uncertainty analysis** (error propagation, Monte Carlo simulation, uncertainty levels in input data used in national GHG inventories)
- * **Data** collection, and management.

Energy statistics and energy balances

Energy management information systems (EMIS), statistics and energy balance (NC, BUR, NDC, BTRs, domestic policies, etc.), training materials, etc. with the collaboration of **UNSD** and **IEA**.
→ *findings and recommendations documented in a 70-page QA template.*

Tools and software

- * **IPCC inventory software**
- * **SAGE** – a data collection and management tool (Energy, IPPU, Waste, Agriculture)
- * **Mitigation tool** linked to the IPCC software.
- * Full Lands Integration Tool (FLINT)

GHG Help Desk

Continued support to developing countries on GHG inventory-related issues via an interactive communication platform.

E-learning and certification

- * Online training courses (2006 IPCC GLs, Wetlands supplement) and examination – in collaboration with GHG-Management Institute
- * Input to the UNFCCC RoE.

AFOLU platform

Inst. arrangements, access/processing remote sensing data, livestock characterization, training materials, etc. (under development), in collaboration with **Luke** and **Moja global**.

Regional workshops on the latest IPCC Inventory Software

Africa

Asia Pacific and
Eastern Europe

LAC

In the next four months following the signature of an MoU with the host country

No supplementary funding available!

Estimated budget: EUR 650,000 (3 Workshops / year)



UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE, THE KYOTO PROTOCOL AND THE PARIS AGREEMENT (UNFCCC)

PROJECT PROPOSAL

- 1. Title of the project:** Strengthen the capacity of developing countries to prepare and manage national greenhouse gas inventories as a basis for effective implementation of the Enhanced Transparency Framework under the Paris Agreement.

A sub-component of the aggregated project entitled “Support for developing countries to implement MRV and the ETF, including through the work of the CGE”.

- 2. Project proposal number:** 200-004/SB-014974
- 3. Division/sub-programme and official responsible for the project:**
Transparency / MRV/ETF Support:

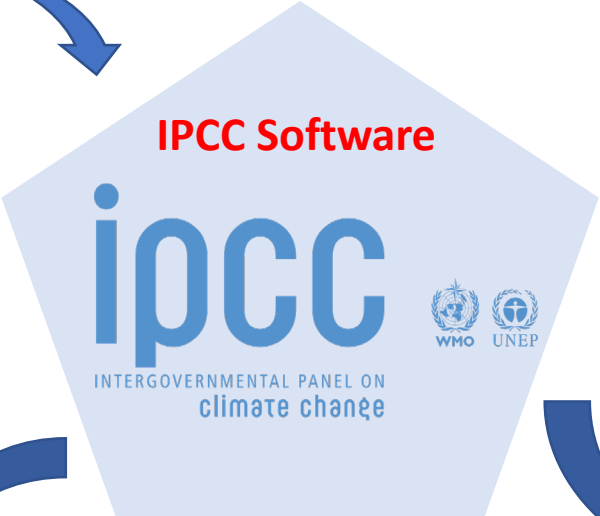
Tools Supporting Transparency Implementation by Developing Countries



SAGE – Data collection and management tool



IPCC Software



Mitigation tool



Interoperability



ETF | GHG INVENTORY
Reporting tool

VIEWS / COMMENTS / QUESTIONS?

Please contact me or my
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