

Transparency Accelerator

Capacity Building Initiative for National Greenhouse Gas Inventories

A greenhouse gas (GHG) inventory is an essential tool for understanding current emissions and trends, projecting future scenarios, and identifying cost-effective mitigation opportunities. As part of reporting requirements of the Enhanced Transparency Framework (ETF) under the Paris Agreement, all countries will be required to report national GHG inventories consistent with the [2006 Intergovernmental Panel on Climate Change \(IPCC\) Guidelines for National GHG Inventories](#) starting in 2024.



Many developing countries have identified challenges in implementing aspects of the *2006 IPCC Guidelines*, leading to inventories that can benefit from improvements in transparency, completeness, reproducibility, and time series consistency.

The **Transparency Accelerator for Greenhouse Gas Inventories** is a capacity building initiative, established by the U.S. Environmental Protection Agency (EPA) and U.S. Department of State, to help developing countries transition to the *2006 IPCC Guidelines* and develop sustainable GHG inventory management systems that enable transparent, accurate, complete, comparable, and consistent inventories.

Transparency Accelerator Approach

EPA develops tools and works directly with national inventory teams to help developing countries build **institutional and technical capacity** for establishing, maintaining, and improving sustainable GHG inventory management systems and producing high-quality inventory reports on a regular basis. This approach builds on over two decades of experience preparing the [Inventory of U.S. Greenhouse Gas Emissions and Sinks](#) and lessons learned from working alongside developing country experts.



Templates in the *Toolkit for Building National GHG Inventory Systems*

Available online tools for GHG inventory compilers include:

- [Toolkit for Building National GHG Inventory Systems](#) (see left), which contains templates to help inventory compilers build and advance GHG inventory management systems that suit national circumstances.
- [Agriculture and Land Use Greenhouse Gas Inventory \(ALU\) Software](#), to assist compilers estimate emissions and removals from agricultural and forestry activities.

EPA also employs **direct technical bilateral assistance**, with an emphasis on supporting inventory needs in the agriculture and land use sectors.

