

Preparation of National Inventory of Green House Gas (GHG) Emissions from Industrial Process & Product Use (IPPU) Sector

Context:

The decision at the Seventeenth Session of the Conference of the Parties (Decision 2/ CP.17) to the United Nations Framework Convention on Climate Change (UNFCCC) contains details of non Annex-I reporting and verification under the Ad Hoc Working Group on Long-Term Cooperative Action. Therefore India as a non-Annexure party needs to submit 1st Biennial Update Report (BUR) to the UNFCCC. The inventory analysis for preparing BUR envisages lay greater stress on reliability and precision of GHG emission inventory data, and hence reducing uncertainties therein. As IPPU being a major source of GHG emissions in the Initial National Communication GHG emission estimates were carried out using the IPCC 1996 methodology for the base year 1994. Since then the methodology has been revised. The current activity will adopt IPCC 2006 guidelines. The duration of the project is between February to June, 2014

Goal:

The goal of the present assignment is "Preparation of national Inventory of GHG emissions from Industrial Process & Product use (IPPU) for the period 2008-2010 at India National Level".

The objectives are listed as follows:

- ✎ Coordination with other institutes/industries/industries associations for better coalition & collection of relevant activity data or GHG emission data from IPPU Sector in India.
- ✎ Drafting a Quality Control (QA/QC) plan to ensure the accuracy of activity data and GHG estimates and also to quantify any uncertainties if any exists.
- ✎ Collect the activity data on all the categories of industries of industries and sectors as per IPCC Guidelines 2006.
- ✎ Estimate GHG emissions (CO₂, CH₄, N₂O, HFC, PFC and SF₆) and at tempt wherever possible emissions from other gases too (NO_x, CO, SO₂ and NMVOC).

Interventions:

The work will involve estimation of GHG emissions (CO₂, CH₄, N₂O, HFC, PFC and SF₆) emissions from other gases too (NO_x, CO, SO₂ and NMVOC) wherever possible from activities related to Industrial Processes & Product Use (IPPU) from 2008 to 2010 at India National Level. The methodology used will be the IPCC methodology for preparing national GHG inventories by sources and sinks (IPCC, 2006) based on the Good Practice Guidance for preparing National GHG inventory (IPCC, 2000)

Achievement:

This is an ongoing project

Supported by:

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