



**CII-ITC Centre of Excellence  
for Sustainable Development**



**Confederation of Indian Industry**

# **National GHG Inventory Preparation Training**

**Organised by the  
Ministry of Environment, Forest & Climate Change, GoI**

**Venue: IIT Gandhinagar, Gujarat, India  
25 April 2024 to 1 May 2024**

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### **About Training Programme:**

CII-ITC Centre of Excellence for Sustainable Development (CESD) has played a crucial role over the years in shaping the National Greenhouse Gas Inventory for the Industrial Process and Product Use (IPPU) sector. The dedicated team of experts has been diligently involved in developing the IPPU sector's National GHG Inventory for BUR-4, BTR-1, and FNC submissions to the UNFCCC.

Between April 25 and 1 May 2024, a select CESD team participated in the Multistakeholder Capacity Building Training Programme for Indian Experts on National Green House Gas Inventory preparation. The programme, based on the Enhanced Transparency Framework (ETF) Guidelines of UNFCCC, aims to equip domain experts in India with the necessary skills for National Greenhouse Gas Inventory preparation.

Organized by the Ministry of Environment, Forests, and Climate Change (MoEFCC), and hosted at IIT Gandhinagar, Gujarat, the sessions were conducted in collaboration with IIM Ahmedabad, CBIT-GSP, IIT Gandhinagar. It was supported by multilateral organizations such as UNEP, USEPA, and GEF.



*During the opening session of the training program, a panel of experts graced the event with their presence*



*National and International Experts at the training programme in IIT Gandhinagar*

A cadre of national and international subject matter experts delivered the training, ensuring a rich dissemination of knowledge and best practices. Participants included representatives from the MoEFCC, academic institutions such as IIM Ahmedabad, IIT Gandhinagar, CIMFR, IIP, ISRO, NIAS, NEERI, IRAI, BITS Pilani, international experts with extensive involvement in such exercises such as representatives from US EPA, and other stakeholders. The programme served as a pivotal platform for experience sharing among key stakeholders involved in the Greenhouse Gas (GHG) inventory estimation for India.

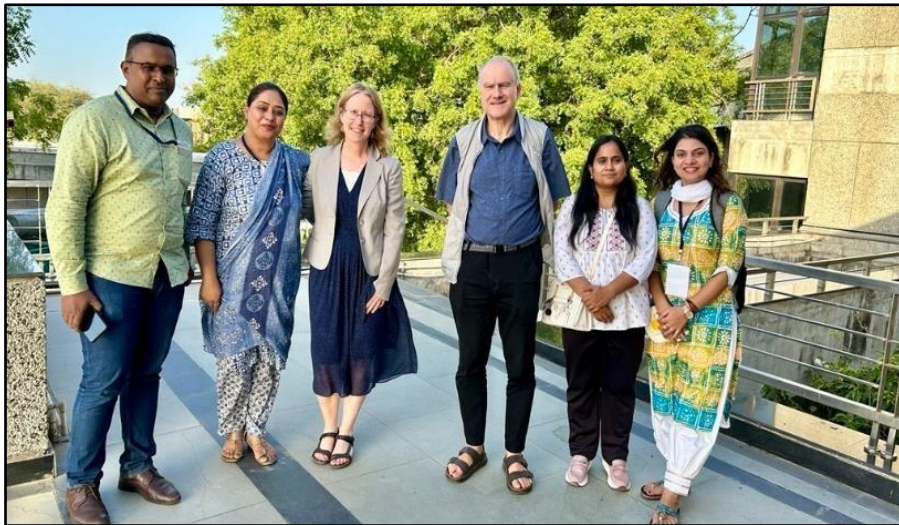
**Some of the benefits and learnings from the programme include:**

- A comprehensive understanding of India's GHG inventory, gaining insights into how various sectors undertake this crucial exercise.
- Introduction of the Modalities, Procedures and Guidelines (MPGs) pertaining to Paris Agreement.
- Discerning the disparities between Biennial Update Reports (BUR) and Biennial Transparency Reports (BTR), along with newly introduced elements such as flexibility, National Inventory Document (NID), and Continuous Improvement Plans (CIP).
- Techniques for ensuring consistent datasets, including overlapping, linear regression curve, extrapolation, and interpolation, were explored.
- Use of practical tools for enhancing data quality.
- Hands-on experience with IPCC software allowed for the practical application of learned concepts along with creating Common Reporting Tables (CRTs).
- Exposure to other frameworks such as the Enhanced Transparency Framework (ETF) and its other components eg National Determined Contributions (NDCs) tracking.



*International Expert at a Session Expanding CRT Formats to the Participants*

Engaging with international experts provided valuable insights into diverse approaches and methodologies that they have been using for their respective country. The opportunity to network with peers from the ministries and institutions facilitated invaluable exchanges of ideas and best practices, enhancing collaboration and fostering a sense of community within the field.



*CESD team with IPCC-TFI Representatives*



*CESD team during detailed discussions on BTR methodologies*

By bringing nations together, these initiatives promote solidarity and mutual assistance in pursuit of the universal goal of combating global warming and climate change while ensuring sustainable economic growth. India's commitment to the philosophy of 'Vasudev Kutumbakam,' or the world as one family, underscores the significance of such collaborative capacity-building programs in fostering global cooperation. Such efforts not only benefit individual nations but contribute to the collective endeavour of creating a better world for all.

## Participants from CESD



**Mr. Arun Parkash**  
Consultant,  
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**Ms. Priyanka Yadav**  
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**Ms. Neha Kaushik**  
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**Confederation of Indian Industry**

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9,000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 300,000 enterprises from 286 national and regional sectoral industry bodies.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

As India strategizes for the next 25 years to India@100, Indian industry must scale the competitiveness ladder to drive growth. It must also internalize the tenets of sustainability and climate action and accelerate its globalisation journey for leadership in a changing world. The role played by Indian industry will be central to the country's progress and success as a nation. CII, with the Theme for 2023-24 as 'Towards a Competitive and Sustainable India@100: Growth, Inclusiveness, Globalisation, Building Trust' has prioritized 6 action themes that will catalyze the journey of the country towards the vision of India@100.

With 65 offices, including 10 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with 350 counterpart organizations in 133 countries, CII serves as a reference point for Indian industry and the international business community.

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CII-ITC Centre of Excellence for Sustainable Development (CESD) is one of CII's 10 Centres of excellence. CESD is a not for-profit, industry-led institution that helps business become sustainable organisations. It is on a mission to catalyse innovative ideas and solutions, in India, and globally, to enable business, and its stakeholders, in sustainable value creation. Its knowledge, action and recognition activities enable companies to be future ready, improve footprints profiles, and advocate policymakers and legislators to improve standards of sustainable business through domestic and global policy interventions.

CESD leverages its role of all-inclusive ecosystem player, partnering industry, government, and civil society. It has been a pioneer of Climate Change, environment management systems, biodiversity mapping, sustainability reporting, integrated reporting, and social & natural capital valuation in India, thus upgrading business in India to sustainable competitiveness. CESD operates across the country and has also been active in parts of South and South-East Asia, Middle East, and Africa. It has held institutional partnerships and memberships of the United Nations Global Compact, Global Reporting Initiative, International Integrated Reporting Council, Carbon Disclosure Project, development agencies of Canada, the USA, the UK, and Germany. **CII-ITC Centre of Excellence for Sustainable Development**

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