



INDIA GHG PROGRAM

Promoting profitable, sustainable
and competitive businesses.

The India Greenhouse Gas (GHG) Program is a voluntary, industry-led partnership, focused on building institutional capabilities towards measuring and managing greenhouse gas emissions, based on the GHG Protocol

WHO WE ARE

The India GHG Program was launched in July 2013 by WRI India, The Energy and Resources Institute (TERI), and the Confederation of Indian Industry (CII), with support from India's key businesses as founding member companies.

Several progressive companies, including automotive, aviation, telecom, cement, chemicals, manufacturing, financial services, information technology, consumer, agri-business, textiles, and others are voluntary members of the Program.

The total inventory managed by businesses under the India GHG Program ranges from 300 to 360 million TCO_{2e}. This is equivalent to 15 to 25 percent of India's total emissions.

What climate change challenges does India face?

While it is difficult to quantify the expected impact of climate change, a recent World Bank study indicates that countries like India will need USD 70 to 100 billion each year through 2050 to meet the current and future climate adaptation needs. However, our current spending is around USD 4.4 billion. The challenges, including water availability, changing rainfall patterns, resilience capabilities, disaster management, and others hold serious implications for communities, businesses, and for the country's future growth and development.

What role can the corporate sector play?

Businesses are not only essential for continued economic growth, but they also have an immense opportunity in aiding large-scale reduction of emissions which can help mitigate the impacts of climate change. Approximately 38 percent of India's greenhouse gas emissions come from energy generation and industrial and commercial users consume about 76 percent of that energy. Efforts such as conducting a GHG inventory of operations, mapping the supply chain, and investments in energy efficiency yield quick paybacks and generally correlate to improved overall operations, and can have a sustained action on climate change.

How can the India GHG Program help reduce corporate emissions?

Currently, a wide disparity exists when it comes down to the capacity of companies to respond to climate change and leverage related opportunities. Some sectors—such as cement and steel—are more advanced in improving their specific energy consumption, controlling their GHG emissions, and incorporating low-carbon planning into operations and product development. Others—like power generation—require the introduction of innovative, industry-specific inputs in terms of technological, regulatory, and financial support to get to the same level of operational efficiency. Additional differences result from regulations placed on sectors such as aviation and telecom. The India GHG Program aims to assist all facets of India's corporate sector in achieving emissions reductions and improving operational efficiency. The Program will develop an internationally consistent and locally relevant GHG measurement and accounting framework based on the GHG Protocol. It will act as a center of excellence on GHG management in India, providing an array of services to industry, including: training and capacity-building, pragmatic tools, data analytics and benchmarking, as well as compiling sectoral, industrial, and regional best practices that can inform other initiatives. The powerful partnership of WRI, TERI, and the CII will bring support and insights on actual business solutions to enable member organizations to realize the value in measuring and reducing their GHG emissions.

MEMBER COMPANIES

Automotive Sector

Ford India Private Limited, JK Tyre & Industries Limited, Mahindra and Mahindra

Aviation

Jet Airways (India) Limited, Bangalore International Airport Limited (BIAL), Delhi International Airport Limited (DIAL)

Cement Sector

ACC Limited, Ambuja Cements Limited, Shree Cement Limited, UltraTech Cement

Chemicals and Fertilizers

Bayer Group, Akzo Nobel, Tata Chemicals Limited, National Peroxide Limited, Chemfab Alkalis Limited, Grasim Industries Limited

Consumer Services

ITC Limited, Seshasayee Paper & Boards Limited, Jain Irrigation Systems Limited

Energy Sector

GAIL (India) Limited, Indian Oil Corporation Limited (IOCL), NTPC Limited, CLP India, Oil India Limited, CESC Limited

Financial Services

Yes Bank Limited

Infrastructure

Hindustan Construction Company Limited

IT, ITES and Telecom

Infosys, Tata Teleservices Limited

Manufacturing Sector

Cummins India ABO, Forbes Marshall, Mahindra Sanyo Special Steel Private Limited, Godrej & Boyce Manufacturing Company Limited, United Technologies Corporation, Secure Meters Private Limited, Vedanta Limited

Railways

Indian Railways

Textile

Arvind Limited, Jaya Shree Textiles - A Unit of Aditya Birla Nuvo Limited, Pratibha Syntex Limited

WHAT WE DO

The India GHG Program is an exchange platform for sharing best practices, creating a pool of trained practitioners and encouraging businesses to have a high level focus on managing GHG risks and opportunities. Experts from WRI, TERI, and CII conduct various capacity building programmes and have, till date, trained close to 100 practitioners, helping businesses develop and customise tools and guidance policies. The Program acts as a Centre of Excellence by supporting:

Development of Customised Tools

The current focus has been on the development of tools supporting measurement approaches pertaining to specific industries, like the power sector, SME segment (do-it-yourself tool), the transport sector, including air, road, and rail emission factors. In the near term, guidance tools for other industries will be developed.

Training and Capacity Building

Specialized training and capacity building workshops are being conducted on a regional and cluster basis with expert faculty from WRI, TERI, and CII. Supporting webinars on issues like goal setting, Scope 3 emissions management, engaging with the supply chain, and others are a regular feature for member companies and their key partners.

Peer Engagement

The Program aims to cut across individual actions; thereby moving beyond silos to address common issues and challenges in a collaborative manner. Regular convening and round table discussions between member companies facilitate identification of improvement opportunities, and avenues for collaboration.

Policy Engagement

The role of business cannot be undermined in the evolving policy context. The Program partners accordingly support engagement at the policy level by organizing key discussions with regulatory agencies, policy makers, and other stakeholders to advance the agenda and support progress towards India's national goals and development path.

CONTACT US

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Visit **IndiaGHGP.org** - our interactive website to access latest tools, training material, guidance, blog pieces, and FAQs, or for general queries regarding carbon management.



WRI India

WRI India is a research organization with experts and staff who work closely with leaders to turn big ideas into action to sustain a healthy environment—the foundation of economic opportunity and human well-being. We envision an equitable and prosperous planet driven by the wise management of natural resources. We aspire to create a world where the actions of government, business, and communities combine to eliminate poverty and sustain the natural environment for all people. www.wri-india.org



The Energy and Resources Institute (TERI)

The Energy and Resources Institute (TERI) established in 1974 believes in creating an inspiring atmosphere for the development of solutions to challenges in the fields of energy, environment and efficient use of natural resources for a greener today. Environment, economy, and society are at the heart of TERI's mission. Buoyed by more than 40 years of excellence in research and innovation, TERI is now poised for future growth, driven by a global vision and outreach, with a philosophy that assigns primacy to government, industry, and individual actions. www.teriin.org



Confederation of Indian Industry

Confederation of Indian Industry (CII)

CII is a non-government, not-for-profit, industry led and managed organization playing a proactive role in India's development process. Founded over 118 years ago, India's premier business association has over 7100 members including SMEs and MNCs. Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programs – along with partnerships with civil society organizations to carry forward integrated and inclusive development. <http://www.greenbusinesscentre.com/site/ciigbc/aboutus.jsp>

The Greenhouse Gas Protocol

A global collaboration led by WBCSD and WRI. It provides the foundation for sustainable climate strategies and more efficient, resilient and profitable organizations. GHG Protocol standards are the most widely used accounting tools to measure, manage and report on greenhouse gas emissions. www.ghgprotocol.org

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