



# RESIDENTIAL TRAINING PROGRAMME ON DECARBONIZING INDUSTRIAL SECTOR ACCELERATING LOW CARBON PATHWAYS

**Date: February 20-23, 2024 | Last date to apply: February 10, 2024**

**Venue: Anil Agarwal Environment Training Institute (AAETI), Nimli, Rajasthan**

**Participants will be awarded a certificate on completion of the training**

As India's economy grows, so does consumer demand. To satisfy this demand, India's industries are growing at an ever-faster rate, which makes the increase in demand for energy and raw materials inevitable. Production from hard-to-abate industrial sectors such as iron and steel, cement, aluminium, fertilizer and others are invariably connected to the country's overall GHG emissions and are expected to increase further. To realize India's Nationally Determined Contribution (NDC) target of reducing its GHG intensity by 45 per cent below 2005 levels by 2030, large-scale interventions and rapid measures need to be adopted.

With the advent of international policies like the Carbon Border Adjustment Mechanism (CBAM), there is additional pressure on Indian industries to adopt low-carbon production to remain competitive in the global market. To do this, industry stakeholders must work towards a comprehensive strategy that is visionary, realistic, and designed to fully realize each industry's and sector's potential for mitigating carbon emissions.

In this regard, the Centre for Science and Environment (CSE) has designed a four-day training course to equip industries, consultants, regulators and related professionals with the right knowledge and skills to accelerate low-carbon pathways for industrial sectors to meet their sustainability goals. The course covers critical aspects of decarbonization such as circularity; resource efficiency; transition to alternate cleaner fuels; carbon capture, utilization and storage; and market mechanisms and financing which will help stakeholders chalk out future implementable decarbonizing pathways for their respective industrial sectors.

#### TARGET PARTICIPANTS:

- Professionals, consultants and decision-makers from governmental and non-governmental institutions
- Academicians and researchers working in the field of sustainability and GHG reduction in industries
- Working professionals from industrial sectors

#### COURSE FEES:

**₹28,000/-** Course fee entails lodging, boarding and training kit costs. It does not cover travel costs from your respective location to Delhi and back.

\*The course will offer sponsorship to professionals from government ministries and departments

#### LEARNINGS FROM THE PROGRAMME:

- Accelerating low-carbon growth in India to meet our NDC and net zero target
- Feasibility of cleaner fuels such as biofuels, natural gas and hydrogen
- Role and scope of energy efficiency
- Role of resource efficiency and circularity in reducing GHG emissions
- Understanding sector-specific measures to reduce GHG emissions
- Role of renewable energy in reducing the burden on coal power
- Feasibility of carbon capture, utilization and storage in India
- Role of carbon markets in enabling low-carbon technology
- Scope of climate/green financing options for implementing cleaner technologies in industries
- Discussion and interaction with sector experts

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#### COURSE COORDINATOR

**Manas Agrawal, Research Associate, Industrial Pollution Unit | For Queries: Email at [industry-training@cseindia.org](mailto:industry-training@cseindia.org) | Phone: + 91 95214 27918**