



CARBON MINUS INDIA (CMI)
INDIAN INSTITUTE OF SUSTAINABLE DEVELOPMENT (IISD)

PRESENTS

CERTIFICATE COURSE ON
CARBON MANAGEMENT

GHG ACCOUNTING, CARBON FOOTPRINTING
CARBON MARKETS & TRADING

**With a Special Focus to Climate Risk Management for
Banking, Insurance & Financial Sector Professionals**

6th - 7th June

9 AM - 5 PM



LECTURE ROOM # 1
INDIA INTERNATIONAL CENTRE (IIC) ANNEXE
LODHI ESTATE, NEW DELHI

ABOUT US

Carbon Minus India (CMI); along with Indian Institute of Sustainable Development (IISD) brings this Certificate Course as an initiative of their Carbon Management School (CMS), School of Environmental Education (SEE) and School of Business Sustainability (SBS).

Carbon Minus India (CMI), an IISD initiative, is also a Leading Indian Public Policy Think Tank and Research Institute in New Delhi, committed to protecting Our Only Planet, Mother Earth, from Global Warming and other adverse impacts of Climate Change. CMI is engaged in evolving a strategic framework for India in identifying low carbon growth opportunities and facilitates a series of planned and scaled-up programs, striving to lower the carbon intensity of the economy at the macro and sectoral levels by creating synergies and addressing the barriers, potential trade-offs and appropriate financial (Carbon Finance Models) needs to remove these blockades. Moreover, CMI works to raise India's consensus efforts and for national preparedness to face and address global climate change adaptation and mitigation challenges.

Indian Institute of Sustainable Development (IISD) is registered as a National, Independent Public Policy Think Tank and Scientific Research Institute in New Delhi to ensure overall improvement of the lives and living of the Common Man through Research Innovations and engage with Communities at grass-root level. IISD strives to put India into a Sustainable Path that is Inclusive and Equitable, involving People, Planet and Businesses. IISD is working in 11 States and 5 Union Territories, along with 129 Universities in Scientific Research & Public Policy enhancement, in addition to playing a productive Leadership Role in India's G20 Presidency.



A few of CMI-IISD's Project & Campaign Focus Areas:

- Aviation Carbon Management: Airport Carbon Accreditation (ACA), ICAO's Safety, Energy Management & CORSIA Verifier Training Program
- IISD Research, Policy Analysis and Implementation Strategy Centre for UN SDGs in India
- CSR and Business Sustainability Reporting for Corporates, in tune with Company's Business Strategies
- Business Opportunities Sustainable Mobility, especially in the Electric & Hybrid Vehicles Sector
- Research and Knowledge Advisory on Natural Resources Accounting, Ecological Economics and Green GDP; Carbon Audits, GHG Inventorisation and Carbon Footprint Services; Water Audits and Water Footprint Services; Ecological Footprint Services
- Detailed Project Report (DPR) Preparation for Solar, Wind, Biomass, and Hydro Projects and Monitoring
- Research and Knowledge Advisory on Low Carbon Pathways and De-carbonization
- Knowledge Advisory on Carbon Pricing, Carbon Off-Setting, Plastic Credits, I- RECs
- Climate Resilience, Disaster Risk Reduction & Sendai Framework 2030 Implementation.

Our Past Courses



AECTP 13

Shri Anil K. Jain, IAS, Principle Advisor, NITI Aayog who served as the Secretary Coal (Govt. of India), was the Chief Guest where 54 eminent trainees underwent the Advanced Executive Training Program on GHG Accounting, Carbon Foot Printing, CSR & Sustainability Reporting and Carbon Trading & Management with Net-Zero & Carbon Minus Certification.



AECTP 12

Ms. Meenakshi Lekhi, now serving as the Minister of State, External Affairs & Culture, was the Chief Guest, where 51 eminent trainees underwent the Advanced Executive Program on GHG Accounting, Carbon Foot Printing, CSR & Sustainability Reporting and Carbon Trading & Management with Net-Zero & Carbon Minus Certification.



AECTP 11

Dr. Ajay Mathur, Director General (DG), TERI was the Chief Guest, who is now the DG of International Solar Alliance (ISA); where 51 eminent trainees underwent the Advanced Executive Training Program on GHG Accounting, Carbon Foot Printing, CSR & Sustainability Reporting and Carbon Trading & Management with Net-Zero & Carbon Minus Certification.

*AECTP is the Advanced Executive CDM Training Program

Few Leading Organizations; who participated in our Previous Training Programs:



Important Information

LANGUAGE

The medium of the Certificate Course will be English.

COURSE VENUE

The course will be conducted physically in one of the Prominent Venues i.e, India International Centre, IIC Annexe, Lodhi Road, New Delhi.

ASSESSMENTS & CERTIFICATION

Deserving Candidates, who will complete the course successfully, with higher level of Professional Engagements and Participation, will be awarded the Course Certificate, In fact, which has an International Recognition.

PLEASE NOTE: An Assessment is conducted to appraise the participant's basic understanding, with clarity in fundamentals and take away from the Course Delivery; based on Questions with Multiple Choices. The assessment is crucial for obtaining the Certificate of Merit.

CERTIFICATE AWARD CEREMONY

Generally, a Distinguished Chief Guest, Preferably a Government/ United Nation's Highest Rank Official, is invited for the awarding the Certificates on the Evening of the Closing Day, followed by a Group Photograph and National Anthem.

MATERIALS TO BE PROVIDED

(Best Qualitative Course Materials of International Standards)

- Faculties' Profile + Their PPTs Course Material
- PPTs Relevant Source Documents
- Additional Reference Materials
- Certificate of Merit
- Memorable Group Photograph
- Participant Contact Details

Why this Certificate Course?

The entire humanity is going through a transition with a 1.2°C higher temperature compared to the pre-industrial level; higher than the Planet can tolerate. As a result, about 35% of our precious biodiversity in terms of flora, fauna and avifauna are already extinct; agricultural productivity has drastically gone down with a threat to food security of the Planet; Water quality & quantity has hugely deteriorated; Sea level rise has gone up to an alarming level, frequent Disasters are widespread in our day to day life now, Many of the cold ocean currents are converted to warm ones, Air pressure belts have shifted considerably, None of the ecosystems of the Planet is supplementing to each other.

Environment, Water, Air, Trees, all the elements of Nature silently tolerate all the torture that we humans impose on them. Water doesn't shout, "Don't abuse me", Air never raise Alarm, if someone silently pollute it and a Tree never calls anyone, "Don't cut me!" and often gives the Shelter and soft Shadow to a Person, even who even axes it. In such a situation, Policing of Nature is really Complex and most difficult Operation and Probably next to impossible. Since the human interest, is always to benefit, Carbon Trading, has been designed to solve these challenges, where the Polluter pays; who reduces the emission is paid for.

Considering this, because of the demand of time, we at CMI-IISD's Carbon Management School, very well designed a two days intensive Certificate Course, which is, Highly Professional; titled "Carbon Management : GHG Accounting, Carbon Footprinting, Markets & Trading". Please note the Course has a Cap of 50 Participants and admission will be confirmed on First Come, First Serve Basis.

The objective of this Certificate Course is to deliver the Complete Knowledge in a comprehensive way, during this Program; so that each Participant emerges as an Expert in Carbon Management which enable them to design and deliver projects consultancy and credible knowledge documents in the field of: Scope 1, Scope 2 and Scope 3 Green House Gas Mapping, preparing Carbon Management Plan (CMP), Carbon Footprinting, Net-Zero Certification process, Understanding the dynamics of the Carbon Markets, how to generate Compliance as well as Voluntary Carbon Credits and trade them in National, International Commodity Markets as well as Carbon Exchanges; doing Business while caring for the Planet.

Course Details

1 Course Title

Carbon Management : GHG Accounting, Carbon Footprinting, Carbon Markets & Trading

2 Date & Time

6th & 7th June 2024

3 Registration Fees

Non Member Price: INR 35,000 + 18% GST = INR 41,300/-

IISD- CMI Member: INR 32,000 + 18% GST = INR 37,760/-

Please Visit: <https://certificatecourses.iisdindia.in/> for more information

4 Desirables

- **Fluency in Written & Spoken English**
- **Graduation in Engineering / Master's Degree in Sciences, Commerce/Economics/ Accountancy, Legal Professional or Any Graduate with a Bright Academic Career & Strong Intent to Learn**
- **Basic Knowledge of Climate Change & Global Warming Knowledge of Energy Generation, Conservation and Management, Understanding of Basic Financial Concepts & fundamentals of Economics Basics on Multilateral Agreements in Trade, Environment & International Co- operation, COP Process and International Climate Change Architecture**

5 Course Pedagogy

The course uses a mixture of tutored sessions and practical exercises and discussions. The practical exercises have been carefully designed to focus on issues commonly emerging during implementation. The following programs aim to ensure you complete professional attainment and equip you with Best of the Course Materials of the highest quality of the time.

Payment Information

Payment Methods

Payment Methods Course Registration Fee can be paid through Bank Transfer or any other UPI Gateways such as Bharat Pay, Google Pay, PayTM and PhonePe, by Scanning the QR Code.

Send your Registration Details at the Google Form Link:

<https://forms.gle/EvoRkQcK6q8y3Adi6>

Note: For finalisation of the Candidature, the Payment as well as Registrstion through the above Google Form Link is a must.

Bank Details:

Carbon Minus India

Name of the Bank: Punjab National Bank

Branch: Pocket-B, Mayur Vihar, Phase-II,
New Delhi-110091

Account Number: 2572000101863632

IFSC Code: PUNB0440800

For any Clarification, You may Contact

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**For Application Procedure &
Cancellation Policy, Please Visit:**

<https://certificatecourses.iisdindia.in/>



Program Schedule

6th & 7th June 2024

Day 1

- Introduction, International Architecture in Climate Change Science, Adaptation and Mitigation
- MoEF&CC Notifications on Green Credit Program Implementation Rules, 2023
- National Designated Authority for the Implementation of the Paris Agreement (NDAIAPA) Notification Of MoEF&CC
- Understanding Emissions: Scope 1, 2, 3 & GHG Accounting / Assessment
- Calculating Emission Reductions and Carbon Foot-printing
- Practicing Exercises on GHG Emission Assessment and Carbon Foot-printing
- Carbon Neutral and Net-Zero Certification
- Carbon Project Lifecycle, Including Host Country Approval Process, Validation and Verification
- India's Preparedness in generating it's Intra Carbon Credits for addressing India's Global Carbon Tax Obligations
- EU's Carbon Border Adjustment Mechanism (CBAM) and its Implications to Indian Industries
- Ministry of Power (MoP)'s Indian Carbon Market (ICM) and Carbon Credit Trading Scheme 2023 for Establishing a Carbon Market and Trading in India

Program Schedule

6th & 7th June 2024

Day 2

- **Climate Risk Management for Banking and Insurance Professionals / Institutes in New & On Going Project Appraisals**
 - Climate Risk Identification, Mapping, followed by Risk Assessment
 - Due Diligence in Banking and Insurance Sector for Financial & Non-Banking Financial Institutes (NBFI)s
 - Climate & Disaster Risk Due Diligence for New Investments, Equity & Debt in Project Appraisals
- **Carbon Markets: Introduction, Basic Concepts, Market Players and Components of a Carbon Market**
- **Global Carbon Market Developments vs Article 6 of Paris Agreement**
- **Voluntary Carbon Trading Platforms and Methods : VCS, VEERA, Gold Standard and Global Carbon Council (GCC)**
- **General Offsetting Process, with a Special Reference to Carbon Credits Project Offsets**
- **Global Carbon Trading & its Process in Carbon Exchanges**
- **Plantation / Sink / Forestry / LULUCF Sector Carbon Project Cycle for Sequestration Assessment, in Compliance & Voluntary Markets and Trading Systems**
- **International Renewable Energy Certificate (I-REC),**
- **Renewable Energy Certificates (REC) & Electricity Trading in India and International Carbon Exchange, Indian Energy Exchange Ltd (IEX)'s Journey**
- **Individual Carbon Trading**
- **Concept of Plastic Credits and Trading Mechanism**

Visiting Faculty

(*Subject to expertise & availability, we can invite distinguished faculties of international repute who are also not listed here.)

- Dr Ashok Kumar, Deputy Director General, BEE, MoP
- Shri Chaitanya Kalia, Partner and Leader, Climate Change, EY India
- Shri Shivananda Shetty, Partner & Head, KPMG
- Ms Shuchi Malhotra, Director, Deloitte Consulting, South Asia
- Shri Sambitosh Mohapatra, Partner (Climate Change), PWC
- Shri Shubhranshu Patnaik, Partner, Deloitte India
- CA/CS Manindra K. Tiwari, Director (Fin & Int & Coop) IISD-CMI
- Dr Remant K. Tiwari, Dy Director, Deloitte Touche Tohmatsu Ltd.
- Shri Satish K. Gupta, Distinguished Research Fellow, CMI-IISD
- Shri Indranil Chatterjee, Head, International Carbon Exchange, IEX
- Shri Vinod Jha, Banking / Risk Finance Advisor, IISD-CMI
- Dr V. Shunmugam, Former Chief Economist, MCX
- Shri Gaurav Srivastava, Global Carbon Council, GCC, India
- Shri Nitin Kapoor, Chief Executive Officer (CEO), Infinite Solutions
- Shri Praveen Sharma, Dy Director, Deloitte Touche Tohmatsu Ltd
- Shri Abhishek Rajdeep, Visiting Fellow, IISD-CMI & CEO, Everain Global
- Dr Pankaj Kumar, National Project Coordinator, UNIDO, New Delhi
- Shri Chintan Shah, Group President, ReNew Energy Ltd
- Dr Lokesh Chandra Dubey, Visiting Fellow, CMI-IISD & Gold Standard
- Shri Kaviraj Singh, Carbon Offset Verifier, Climate Tech
- Ms Tanim Singh, KPMG, Climate Change, New Delhi
- Shri Shashikant Verma, GFCL
- Shri Nakul Zaveri, Managing Partner, Relativity Investment Management
- Dr Roop Salotra, Former Advisor, SRF
- Dr Ancha Srinivasan, ADB, Philippines
- Shri Vinoy Deodhar, Sr Renewable Energy & Climate Finance Professional
- Dr Rahul Shankhe, President & Co-Founder, Sense Hawk & Ex- McKinsey
- Ms Chitranjali Tiwari, Climate Change and Sustainability Professional
- Dr Karabi Pathak, Chief Product Officer, Amplo Global Inc, USA
- Shri Avinash Acharya, KPMG India
- Dr Murali Kanakasabai, CCX, Chicago
- Ms Mallika Paulraj, CCM, London

Course Director



Dr Srikanta K. Panigrahi
Distinguished Research Fellow &
Director General. IISD- CMI

Dr Srikanta K. Panigrahi is a Leading Indian Sustainability Thought Leader; who is the Director General and Distinguished Research Fellow, Indian Institute Of Sustainable Development (IISD) & Carbon Minus India (CMI). Both are Leading Indian Public Policy Think Tanks and Scientific Research Institutes at New Delhi.

He is a well-known Indian Policy Maker and Technocrat, who has worked with the Government of India, United Nations Environment Program (UNEP) and The World Bank. He is a Member to Prime Minister on National Strategic Knowledge Mission and Many Other Government, including UN Expert Committees and Working Groups. He has represented India in International Climate Change Negotiations in UNFCCC and also Known as *Chief Architect of Indian Carbon Market*. He is awarded, the National Science Popularization Award, by Hon'ble Prime Minister Of India, for his Extraordinary Contribution and Commitments to Popularize Science among the Common Mass and is Recognized by UNEP for his Valuable Contribution and Leadership in Catalysing Environment Actions, on World Environment Day, 2007. MIT Sloan School of Management has recognized him as an *En-Road Climate Ambassador for India*, in the Policy Maker Category.

Dr Panigrahi pursued his Post-Doctoral Research Fellowship, from Massachusetts Institute Of Technology (MIT), Cambridge MA, USA. He was also an UNEP/UNESCO Fellow, where he delivered Guest Lectures in five prestigious Universities of Europe, at Hamburg, Dresden, Prague, Vienna and Zurich, during Jan-Aug 1995 and Other 29 International Universities (Other than India) of the Globe later. He is a Visiting Professor at Department Of Management Studies (DMS), IIT Delhi, where he teaches Business Strategy and Business Sustainability.



IISD and its initiative CMI; the globally well known, proud Indian Think Tanks and Scientific Research Institutes at New Delhi; celebrated its 15 Years of dedicated service towards; Social, Environmental and Economy Sustainability and Green House Gases (GHGs) Emission Reduction, Decarbonisation and Low Carbon Sustainable Growth for the Nation, India; in Planetary interest, at Vigyan Bhawan, New Delhi; a High Profile Summit .

10 National Sustainability Awards had also been awarded by the Chief Guest to Distinguished Awardees, for their Outstanding Contribution to Nation, form different fields, in Promotion of Sustainability and Enabling Stronger Climate Actions.



IISD-CMI Team met & discussed with the Hon'ble President of India: Sustainability and Climate Action on eve of Institute's 15th Year Celebration of Dedicated Service to Nation and the Planet

Contact Us



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