



## **1. INTRODUCTION**

Climate change and global warming have become major environmental challenges due to increasing greenhouse gas emissions. Countries and industries around the world are adopting strategies to achieve net zero emissions, where the amount of greenhouse gases emitted is balanced by the amount removed from the atmosphere.

Carbon markets and environmental credits have emerged as important mechanisms to support this transition. They encourage industries to reduce emissions, invest in renewable energy, and promote sustainable development. Carbon credits can be sold or transferred by organizations who successfully cut emissions to others that are unable to do so. These market-based approaches provide economic incentives for reducing carbon footprints while contributing to environmental protection and energy sustainability.

With this backdrop, National Productivity Council, Chennai has designed a 3-day training program on “Carbon Markets and Net Zero Concept for Sustainable Energy and Environmental Credits” to impart participants with the knowledge and skills required to gain experience on carbon trading systems, carbon credits, renewable energy certificates, net zero frameworks, climate finance, and sustainability reporting. The course discusses the concepts, procedures, standards, and market mechanisms utilized in voluntary and compliance carbon markets. Participants will learn about the latest advancements in regulations, trends, and best practices for accomplishing climate and sustainability goals.

## **2. ABOUT NPC**

National Productivity Council (NPC), an autonomous organization established in the year 1958, under the Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India, is a pioneering institution providing consultancy, training and audit services in various disciplines to promote productivity culture in the country.

Dr. Ambedkar Institute of Productivity (AIP), a training wing of NPC is engaged in training Consultants for in-house needs and Executives from Industry, Government, PSU's and Private Organizations on a sponsored or self- financing basis. Further AIP, NPC, Chennai is the Nodal Agency for organizing and conducting the National Certification Examination for Energy Managers and Energy Auditors on behalf of the Bureau of Energy Efficiency, whereby about 20,000 Certified Energy Auditors/Managers serve the Indian economy today.

NPC has set up the Centre of Excellence for Training in Energy Efficiency Training (CETEE) at AIP, Ambattur, Chennai. The CETEE facility is the culmination of Indo-Japanese Governmental cooperation and has been implemented with the help of Bureau of Energy Efficiency (BEE), Government of India, and New Energy Development Organization (NEDO) and Sumikin Management Company, an associate of Sumitomo Steels, Japan.

CETEE is equipped with various industrial energy utility equipment designed to demonstrate practically, various aspects of energy efficiency practices and conservation techniques as applicable in industries and installed with renewable energy applications. CETEE has been providing world class training to public sector companies (ONGC, IOCL, GAIL, PCRA, BHEL, IRIEEN, Power Grid etc.), corporate companies in private sector as well as international organizations (UNEP, APO, UNIDO, GIZ, ITEC, WRI, WWF) since its inception.

### **3. LEARNING OBJECTIVES**

The main objective of this training programme is:

1. To understand the concept of carbon markets and their role in reducing greenhouse gas emissions.
2. To study the importance of achieving net zero emissions for mitigating climate change and promoting sustainable development.
3. To examine the contribution of sustainable energy sources such as solar, wind, hydropower, and biomass in reducing dependence on fossil fuels.
4. To analyse the significance of environmental credits, including carbon credits and renewable energy certificates, in encouraging environmentally responsible practices.
5. To evaluate how carbon markets provide economic incentives for industries and organizations to adopt cleaner technologies and energy-efficient measures.
6. To assess the role of carbon trading mechanisms in supporting global climate goals and international agreements.
7. To identify the challenges and opportunities associated with implementing carbon markets and net-zero strategies.
8. To explore policy measures and technological innovations that can accelerate the transition toward a low-carbon and sustainable economy.
9. To promote awareness about environmental sustainability and the importance of balancing economic growth with ecological conservation.
10. To highlight the relationship between carbon markets, net zero emissions, sustainable energy, and environmental credits in achieving long-term environmental and economic benefits.

### **4. PROGRAMME COVERAGE**

The key topics to be covered in this training are:

1. Global Climate Governance and the Climate Change Basics
2. Fundamentals of Carbon Markets, Carbon Credits and Trading
3. Carbon Foot print and Greenhouse Gas (GHG) Accounting Net Zero Concepts
4. Evaluation of Climate Risk and Decarbonization and Sustainable Energy Technologies
5. Environmental Credits & Certificates

6. Policies and Regulatory Frameworks
7. Project Development Cycles and Carbon Offset Initiatives
8. Measurement, Reporting, and Verification (MRV) - ESG, Sustainability Reporting
9. Systems for International Carbon Standards and Verification
10. Market Trends, Investment Prospects, and Carbon Finance
11. Carbon Capture and Nature-Based Solutions, Emerging Trends and Innovations - Challenges and Future Prospects
12. Case Studies of Net Zero Implementation and Carbon Credit Initiatives

## 5. METHODOLOGY

Class room sessions and lectures will be handled with power point presentations followed by case studies / exercises / discussions.

## 6. PARTICIPANTS' PROFILE

Anyone who is aspiring and interested are invited to attend this training program.

- Sustainability Professional & Managers
- Environmental Engineers and Environmental Managers
- Energy Auditors and Managers
- Environment, Health, and Safety (EHS) Experts
- Practitioners of Corporate Social Responsibility (CSR)
- Consultants for Carbon Management and Climate Change
- Project managers and developers of renewable energy
- Professionals in ISO 14001, ISO 50001, and ESG Implementation
- Government Employees and Regulators
- Scholars, researchers, and students with an interest in sustainability

## 7. FACULTY

Senior NPC Consultants and Industrial Experts who are possessing extensive experience and expertise in the field of energy, environment and sustainability.

## 8. PROGRAMME FEE & VENUE

<b>Program Venue</b>	National Productivity Council, (under DPIIT, Ministry of Commerce & Industry, Govt. of India), Dr. Ambedkar Institute of Productivity, Centre of Excellence for Training in Energy Efficiency, 6, Aavin Dairy Road, Ambattur Industrial Estate (North), Chennai – 600050.	
<b>Programme Code</b>	<b>T2627CHN05</b>	
<b>Programme Fee</b>	Residential Participants (NPC Campus)	Non-Residential Participants

	₹ 18,000 /- + 18% GST	₹ 12,000 /- + 18% GST
<b>Check In &amp; Out</b>	From 6 <sup>th</sup> night to 9 <sup>th</sup> night for Residential participants	

## 9. PAYMENT DETAILS

<p>Programme fee inclusive of GST to be paid in advance and proof of payment to be attached along with application form.</p>
<p>Account Name: National Productivity Council  Bank Name: State Bank of India  Branch: 1324-F, East Avenue, Korattur, Chennai-80.  Nature of Account: Savings  IFSC Code: SBIN0017247  Bank A/c No.: 39783959115  MICR: 600002266 / Pan: AAATN0402F / GSTIN: 33AAATN0402F1ZD</p> <p><i>(Please mention “EM CM-AIP26” in NEFT remarks column)</i></p>

As per GOI notification No. 9/2017-Integrated Tax (Rate) dated 28.06.17, Sr. No. 75, Heading 9992 (at page no. 19 of the notification) No GST is applicable where Services provided to the Central Government, State Government, UT Administration under any training programme for which total expenditure is borne by the Central Government, State Government, UT Administration.

## 10. HOW TO APPLY



- Please apply in prescribed application format enclosed with this brochure. Nominations may be sent to the following address and email-ids.

The Director & Head,  
National Productivity Council,  
(Under DPIIT, Ministry of Commerce and Industry, GoI)  
Dr. Ambedkar Institute of Productivity,  
6, Aavin Dairy Road, Ambattur Industrial Estate (North),  
Chennai - 600 050. Tamil Nadu. Phone: +91 7200208675  
Visit us at <http://www.npcindia.gov.in>

(The scan or photo copy of the application form and payment details may be sent to the email-ids: [chennai@npcindia.gov.in](mailto:chennai@npcindia.gov.in) by marking a copy to [p.chitra@npcindia.gov.in](mailto:p.chitra@npcindia.gov.in))

- Last date for Receiving of nominations: **01.10.2026**



**NATIONAL PRODUCTIVITY COUNCIL**  
**5-6 Institutional Area, Lodhi Road, New Delhi – 110 003.**

**APPLICATION FORM FOR NOMINATIONS**

Title of Programme: “Carbon Markets and Net Zero Training for Sustainable Energy and Environmental Credits”

Programme Code: **T2627CHN05**

Programme Duration: **7<sup>th</sup> – 9<sup>th</sup> October 2026**

Venue: NPC, AIP-Chennai

**Details of Nominated Participants:**

S.No.	Name of Delegate	Designation	Mobile No.	Email ID	Participant Organisation Address (kindly provide full address of correspondence)
1					
2					
3					
4					
5					

**Details of Nominating Authority:**

S. No	Name of Nominating Authority	Designation	Mobile No.	Email ID	Nominating Authority Organization Address (kindly provide full address of correspondence)
1					

Select, if Organization is GST Exempted  **OR** Select, if Organization is Not GST Exempted

**SELF DECLARATION ON GST EXEMPTION (OPTIONAL)**

*As per GST notification No. 9/2017-Integrated Tax (Rate) dated 28.06.17, Sr. No. 75, Heading 9992 (at page no. 19 of the notification) No GST is applicable where Services provided to the Central Government, State Government, UT Administration under any training programme for which total expenditure is borne by the Central Government, State Government, UT Administration.*

- I/We hereby declare that we meet all the conditions stipulated in the aforementioned GST notifications and qualify for exemption from GST payment for the training program mentioned above.
- I/We acknowledge that any breaches or non-compliance with the specified conditions may result in the collection of GST, interest, and penalty amounts by NPC on behalf of the GST department at a later stage whenever the GST department raises the same to NPC.
- I/We also declare that it is the responsibility of the participant organization to verify their eligibility to avail the benefit, and NPC is not responsible for checking the eligibility. \*I certify that the above information is correct

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ and Place: \_\_\_\_\_

For Organisation who are Not Exempted and having GST registration GST No. (Mandatory) \_\_\_\_\_

(Kindly provide the GST number of organisation on which GST Invoice to be raised)

Organisation PAN No. (Optional) \_\_\_\_\_

Organisation TAN No. (Mandatory on TDS deduction)) \_\_\_\_\_

**DECLARATION**

\*I certify that the above information is correct

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ and Place: \_\_\_\_\_

## 11. GENERAL INSTRUCTIONS

- ❖ It is recommended to send the nominations as per attached format at the earliest and receipt of programme fee latest by the last date for nominations.
- ❖ The Residential programme fee covers the professional fees towards training, board & lodge of the Participant(s). The fee once deposited is non-refundable, however, substitutions are allowed.
- ❖ The Non-Residential programme fee covers the professional fee towards training, lunch and refreshments during the training program. The fee once deposited is non-refundable, however, substitutions are allowed.
- ❖ Each participant should carry their ID cards and necessary letters / orders issued by their department for attending the training program.
- ❖ NPC shall not bear any charges towards participants' to & fro travel from their residence / place of stay and the training program venue. All participants shall make their own arrangement to reach the venue on time as per the programme schedule.
- ❖ Participants are requested to assure their health and safety during the training period and NPC will not be liable for medical expenses incurred by the participants during the program.
- ❖ NPC will not provide boarding and lodging before and after the dates of programme. Participants planning to stay longer than the scheduled duration should arrange the same at their own cost.
- ❖ Participants may directly settle their additional dues regarding family member, laundry, telephone, mini bar, room service, overstay etc. before checkout.
- ❖ The participants shall be awarded Certificate of Participation on successful completion of programme.
- ❖ Any other terms and conditions apply as may be notified by NPC at any point of time.
- ❖ Referring to GST guidelines, you are requested to confirm the applicability of GST payment for your department.
- ❖ Participants are required to follow the necessary COVID protocols during training.