



CARBON SMART INDIA FELLOWSHIP: MAKING INDIA CARBON SMART

Carbon Smart India Fellowship, a program aimed at making India more environmentally sustainable through carbon-reduction initiatives and strategies.

PROBLEM STATEMENT



Awareness about Climate Change

As per study of The Energy and Resources Institute (TERI), 50% of the Indian population is not aware of climate change issues and the benefits of renewable energy .



Solar Energy Adoption

Solar energy, a key renewable resource, accounts for just 11% of the total electricity generated, indicating a need for increased adoption



Alarming Carbon Emissions

India is third-largest Carbon emitter globally after China and the United States . The energy sector, particularly coal-fired power plants, contributes to about 60% of India's total GHG emissions.



Threat to Coastal Regions

Rising sea levels and increased frequency of cyclones and storms are negatively affecting the lives and livelihoods of millions of people living in India's coastal regions.

Addressing the challenges posed by rising temperatures, high carbon emissions, and their impact on India is crucial for ensuring a sustainable and resilient future for the country and its people.

OBJECTIVES



Promote Renewable Energy

Advocate for the widespread adoption of renewable energy sources like solar, wind, and hydroelectric power to reduce carbon emissions.



Instill Carbon-Smart Behavior

Encourage the development of sustainable lifestyle choices, such as reducing energy consumption, recycling, and using public transportation, to lower individual carbon footprints.



Drive Community Engagement

Empower local communities to participate in carbon-reduction initiatives, fostering a sense of collective responsibility and driving grassroots change.

By promoting renewable energy, instilling carbon-smart Behaviours, and driving community engagement, the Carbon Smart India Fellowship aims to make India a leader in sustainable development and climate action.

Carbon Smart India Fellowship Components

- **Leading a Team of 10 Solar Saathi's**

Each Carbon Smart India Fellow Leads Team of 10 Solar Saathi's to implement projects for reducing Carbon Emission.

- **Promoting Adoption of Roof Top Solar Panels**

Carbon Smart India Fellows with its team of Solar Saathi's and Youth Volunteers Facilitate the installation roof top Solar Panels

- **Waste Management and Circularity**

Implementing innovative waste reduction, recycling, and circular economy strategies to minimize landfill waste and resource depletion.

- **Collaborating With Local Government**

Carbon Smart India Fellows will be working with Municipal Corporations and Gram Panchayats to facilitate sustainable, low-carbon urban planning.

- **Organizing Green Marathons**

Carbon Smart Fellows Organize Green Marathons to sensitize masses about Carbon Smart Behavior

- **Eco - Entrepreneurship**

Fellows undergo dedicated training and support to come up with Green Solutions and hand helded to setup and run their own Carbon Smart Enterprises

PROGRAM STRUCTURE

Training

Projects

Mentorship

Design Thinking

- Fellows undergo rigorous training around Climate Change, Carbon Smart Behavior and adoption of renewable energy technologies.
- Fellows undergo comprehensive workshops and sessions to gain essential knowledge and skills for developing carbon-smart solutions.

- Fellows work on real-world projects that address pressing environmental challenges in various sectors.
- They collaborate with local communities, policymakers, and industry partners to pilot innovative solutions and drive tangible impact.

- Each fellow is assigned a dedicated mentor, who is an experienced professional in the sustainability or climate-tech field.
- Mentors provide guidance, feedback, and support throughout the program, helping fellows navigate challenges and refine their ideas.

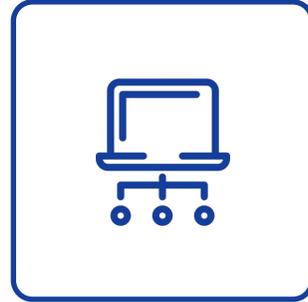
- The program incorporates design thinking principles, enabling fellows to adopt a user-centric approach to problem-solving.
- They learn to empathize with stakeholders, ideate creative solutions, and rapidly prototype and test their ideas to ensure they address real-world needs.

BENEFITS FOR FELLOWS



Skill Development

Participants will gain practical skills in climate action, sustainable business practices, and eco-entrepreneurship through hands-on workshops and mentorship.



Networking Opportunities

Connect with a diverse network of industry experts, policymakers, and fellow eco-entrepreneurs to build collaborations and expand your professional network.



Certification

Upon successful completion of the program, participants will receive a certification in Carbon Smart Innovation, demonstrating their expertise in sustainable solutions.



Eco-entrepreneurship Opportunities

Participants will have the chance to pitch their carbon-smart business ideas and receive funding and support to turn their concepts into viable start-ups.

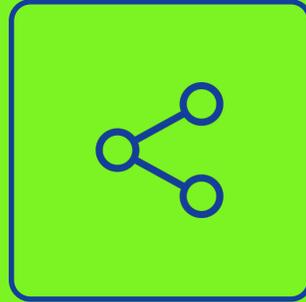
The Carbon Smart India Fellowship offers a comprehensive program that empowers participants with valuable skills, connections, and opportunities to drive sustainable change in India.

WHY SUPPORT THE FELLOWSHIP?



Donor-Driven Impact

Donors can directly shape the Fellowship's focus areas, helping drive real-world change in India's transition to a low-carbon economy.



Multiplying Reach

By investing in the Fellowship, donors can leverage the program's network and resources to amplify the impact of their support across multiple communities.



Developing Future Leaders

The Fellowship cultivates a new generation of sustainability leaders, equipping them with the skills and knowledge to drive lasting positive change.

By supporting the Carbon Smart India Fellowship, donors can directly drive progress towards a carbon-smart future, multiply the impact of their investment, and nurture the next generation of climate leaders in India.