

Open Dialogue on Technology Innovations in the Building Sector Celebration of World Environment Day 2026

5th June 2026 | 15:00 - 16:30 P.M. (IST)

Context

India's rapid urbanisation and rising cooling demand are placing increasing pressure on the building sector, making it a critical frontier for climate action. Buildings account for a significant share of energy consumption and greenhouse gas emissions while also directly influencing thermal comfort, health, productivity, and overall urban liveability. Advancing low-carbon buildings (LCBs), passive cooling approaches, and sustainable cooling technologies is therefore essential to achieving India's decarbonisation and resilience goals.

A key dimension of this transition is its social and gender relevance. Heat stress and inadequate indoor cooling disproportionately affect women, particularly in low-income and informal settlements, where they often spend more time in indoor and caregiving roles. At the same time, women are increasingly emerging as leaders, practitioners, and innovators in architecture, urban planning, engineering, and ESG-driven development. Integrating a gender-responsive lens into building design, energy efficiency, and cooling strategies is therefore essential to ensure equitable access to safe, healthy, and climate-resilient built environments.

Global Green Growth Institute (GGGI), an international intergovernmental organization through the Asia Low Carbon Buildings Transition (ALCBT) Project and the Cool Roof Initiative for Indian Residential Buildings, is supporting the country's efforts to advance inclusive decarbonisation pathways in the building sector in collaboration with state and consortium partners. These initiatives promote energy-efficient buildings, embodied carbon reduction, passive design solutions, and ESG-aligned principles while also encouraging inclusive participation and women-led innovation in the built environment sector.

The open dialogue on "Technology Innovations in the Buildings Sector" is being organized under the ALCBT project in collaboration with the HCL ClimaForce Fund, an initiative focused on scaling market-ready low-carbon innovations across cooling, buildings, and freight mobility through grants, technical support, and market access. The session will showcase innovative technologies, implementation experiences, and case studies from practitioners and solution providers working to accelerate sustainable and climate-responsive building transitions.

Aligned with the spirit of World Environment Day 2026: Climate Action, the session aims to raise awareness and strengthen collaboration among industry, innovators, policymakers, and development partners to advance resilient, equitable, and low-carbon built environments that support both climate goals and social inclusion.

Targeted Audiences

Architects, urban planners, developers, contractors, building owners, low-carbon building (LCB) solution providers, cooling technology innovators, startups, ESCOs, policymakers, industry associations, think tanks, academic institutions, sustainability professionals, and development partners.

If you haven't already [Register here](#)

Open Dialogue on:
Technology Innovation in Buildings Sector

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TIME (IST)	SESSION
15:00 – 15:05	Welcome Address Mr. Soumya Garnaik India Country Representative, GGGI
15:05 – 15:10	Low Carbon Buildings Transition – Insights from Asia Ms. Julie Robles* Manager, Asia Low Carbon Buildings Transition (ALCBT) Project, GGGI
15:10 – 15:20	Role of Emerging Technologies for Low Carbon Buildings Mr. Reji Kumar Pillai President, ISGF
15:20 – 15:30	Innovations to catalyse the LCBs Mr. Pranav Dadhich Program Manager, HCL ClimaForce Fund
15:30 – 16:10	Case Studies: Innovations and Low Carbon Building Solutions <ul style="list-style-type: none">- Mr. Dale Edginton, Endocool- Ms. Jharna Saha, Enlog- Ms. Sangeetha Menon, Hedrad Panels- Ms. Rupa Bhise, Q – Gen Next Technologies
16:10 – 16:25	Open Dialogue Q&A
16:25 – 16:30	Summary and Closing Remarks Mr. Ashok Thanikonda India Program Lead, GGGI

*To be confirmed