17th GRIHA SUMMIT 2025

November 3rd - 4th , 2025 | New Delhi

Innovate to Act for a Climate Resilient World

SUMMIT PROCEEDINGS

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ORGANIZED BY

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The 17th GRIHA Summit

CONCEPT NOTE

The built environment, which accounts for a significant share of global emissions and resource consumption, plays an instrumental role in either exacerbating the climate crisis or mitigating impacts and enabling adaptation. Cities and built infrastructure are and will continue to be exposed to higher climate stresses and frequent climate shocks, thereby disrupting lives, damaging property and harming the natural environment. Therefore, it is imperative to build climate-resilient infrastructure and adaptive cities that continue to protect, provide, and thrive sustainably in harmony with nature.

Nations around the world are united by a shared goal of building a sustainable and climate-resilient future. While each country faces distinct challenges owing to its development stage and resource availability, collective action remains fundamental. In this global transition, India emerges as a catalyst driving scalable, inclusive solutions, advancing clean energy transitions, and shaping policies that strive to prioritize both environmental stewardship and equitable growth.

Now is the time to embark on transformative efforts and revolutionize our design processes, construction practices, and operation and management of built spaces. As the urgency for climate action intensifies, traditional approaches, while foundational, are not sufficient considering the pace and complexities of the challenges ahead. Innovation must be the driving force in shaping a resilient future across sectors and scales. It must steer the next phase of global, national and regional efforts, making climate action inclusive, resilient, and sustainable. Innovation propels the development of novel technologies and approaches; however, it alone is not sufficient. For achieving long-term sustainability, resilience is often embraced as a prerequisite. For any system to maintain a sustainable trajectory over time, it must be able to respond, adapt, recover, and thrive amid shocks. Innovation drives sustainable solutions, while resilience ensures robustness and adaptability. Together, they both form a bedrock for building a sustainable future.

In our drive towards creating inclusive and climate-resilient infrastructure, GRIHA Council is hosting its annual 17th GRIHA Summit centred around the theme “Innovate to Act for a Climate Resilient World”, which is scheduled for 3rd – 4th November 2025 at the India Habitat Centre, Lodhi Road, New Delhi, India.
Advancing the idea to augment the development of sustainable habitats and resilient communities at the regional levels in the country, GRIHA Council will be hosting GRIHA Regional Conclaves in Bengaluru, Bhopal, Kochi and Ahmedabad in this fiscal year around the common theme “Innovate to Act for a Climate Resilient World.”

Both the national summit and regional conclaves intend to serve as a platform to deliberate innovative and actionable strategies that can transform our climate ambitions into tangible outcomes. We invite all stakeholders - innovators, policymakers, industry leaders, architects, engineers, product manufacturers, researchers, and urban practitioners to convene for two days to ‘discuss, innovate, adapt’ and ‘collaborate & act’ on strategies that have the potential to build a climate-resilient world.

Let’s forge meaningful and impactful collaborations to advance innovation in creating a sustainable, resilient, and inclusive built environment.

Acknowledgements

We extend our deepest gratitude to the sustainability enthusiasts who graced the 17th GRIHA Summit with their presence and invaluable insights. Their contributions were pivotal in shaping the discussions around this year's theme, "Innovate to Act for a Climate Resilient World."

We sincerely thank: Mr. Srinivas Katikithala, Secretary, Ministry of Housing and Urban Affairs, Government of India; H.E. Ms. May-Elin Stener, Ambassador, The Royal Norwegian Embassy; Mr. Ashish Khanna, Director General, International Solar Alliance (ISA); Dr. Balakrishna Pisupati, Country Head, UNEP India; Mr. Bhupinder Singh Bhalla, Technical Member (P&NG), Appellate Tribunal for Electricity (APTEL) & Former Secretary, Ministry of New & Renewable Energy (MNRE), Government of India; Mr. Sanjay Kulshrestha, Chairman and Managing Director, HUDCO; Mr. Gulshan Grover, Leading National and International Film Personality.

A special note of gratitude to our honourable session chairpersons and speakers, whose expertise and thought leadership enriched the conversations on sustainability.

We also acknowledge the unwavering support of our partners: government partners, bilateral and multilateral partners, real estate partners, knowledge partners, associate partners, exhibition partners, theme partners, institutional partners, prelude partners, content partner and media partners, who played an integral role in making this event a grand success.

We extend our sincere appreciation to the dedicated staff of the India Habitat Centre and the TERI fraternity, whose tireless efforts ensured the seamless execution of the Summit.

The success of the 17th GRIHA Summit was further amplified by the active participation and engagement of attendees, whose perspectives and discussions added immense value to the event. We thank all participants and guests for their enthusiasm and contributions.

Lastly, we express our profound gratitude to Dr Vibha Dhawan, Director General, TERI and President, GRIHA Council, for her visionary leadership and unwavering commitment to advancing sustainability in the built environment. Her guidance continues to inspire us on our collective journey towards a greener, more sustainable future.

Content

Agenda

Day 1 3rd November 2025 (Monday) Venue: India Habitat Centre, New Delhi		
0800 – 0930 hrs	**Registration**	
0930 – 1000 hrs	**Inauguration of GRIHA Exhibition**	
1000 – 1130 hrs	**Inaugural Session** Venue- Stein Auditorium	
1130 – 1200 hrs	**Networking over Tea/coffee**	
1200 – 1330 hrs	**Plenary Session 1: Navigating Market Mechanisms to Ensure Energy Security** Venue- Silver Oak Hall	
1330 – 1430 hrs	**Networking Lunch**	
1430 – 1600 hrs	**Plenary Session 2: Rethinking Climate Resilient Infrastructure** Venue- Silver Oak Hall	
1600 – 1630 hrs	**Networking over Tea/Coffee**	
1630 – 1730 hrs	**Parallel Sessions**	
	Thematic Track 1 – Cascading Innovations: Climate-Smart Water Security Venue- Silver Oak Hall	**Thematic Track 2 – Extraction to Execution: Innovations in Building Materials** Venue- Jacaranda Hall
End of Day 1 Knowledge Sessions		
Day 1 (contd.) 3rd November 2025 (Monday) Venue: The Claridges, New Delhi (invitation only)		

0730 pm onwards	• Welcome Address • GRIHA Awards • Cultural Night by Nizami Bandhu • Vote of Thanks
Concluded by Dinner Reception	
End of Day 1	

Day 2 4th November 2025 (Tuesday) Venue: India Habitat Centre, New Delhi		
1030 – 1200 hrs	**Plenary Session 3 – Planetary Health Pedagogy – Learning for a Sustainable Future** Venue- Silver Oak Hall	
1200 - 1230 hrs	**Networking over Tea/coffee**	
1230 – 1330 hrs	**Ideas to Inventions for Transforming Climate Action** Venue- Silver Oak Hall	
1330 – 1430 hrs	**Networking Lunch**	
1430 – 1530 hrs	**Parallel Sessions**	
	Thematic Track 3 – Breathe It or Beat It: Tackling Toxic Air Venue- Silver Oak Hall	**Thematic Track 4 – "Waste Not": Fostering Circular Innovation** Venue- Jacaranda Hall
1530 – 1600 hrs	**Networking over Tea/Coffee**	
1600 – 1730 hrs	**Plenary Session 4 – Lights, Camera, Climate Action** Venue- Silver Oak Hall	
1800 – 1900 hrs	**Networking**	
1900 – 1930 hrs	**Valedictory Session & Award Evening**	
1930 – 1945 hrs	**Setting the stage**	
1945 – 2010 hrs	**Cultural Evening**	
2010 hrs onwards	**Dinner Reception**	
Closure of 17th GRIHA Summit 2025		

Detailed **Agenda**

Day 1 3rd November 2025 (Monday) Venue: India Habitat Centre, New Delhi	
0800 – 0930 hrs	**Registrations**
0930 – 1000 hrs	**Inauguration of GRIHA Exhibition**
1000 – 1130 hrs	**Inaugural Session** Venue – Stein Auditorium • Lighting the Lamp • Welcome Address by **Mr. Sanjay Seth,** Vice President & CEO, GRIHA Council and Senior Director, Sustainable Infrastructure Programme, TERI • Opening Remarks by **Dr. Vibha Dhawan,** Director General, TERI and President, GRIHA Council • **Launch of GRIHA publications:** - GRIHA Infrastructure Rating for Metro Stations - GRIHA Annual Magazine - Shashwat • Special Address by **Mr. Ashish Khanna,** Director General, International Solar Alliance (ISA) • Keynote Address by **H.E. Ms. May-Elin Stener,** Ambassador, The Royal Norwegian Embassy • Inaugural Address by **Mr. Srinivas Katikithala**, Secretary, Ministry of Housing and Urban Affairs, Government of India • **GRIHA Awards and Felicitation Ceremony** 1. 5-star rated projects 2. 4-star rated projects 3. National Buildings Construction Corporation (NBCC) India Limited 4. Pimpri Chinchwad Municipal Corporation (PCMC) 5. Bharat Petroleum Corporation Limited (BPCL) 6. Indian Oil Corporation Limited (IOCL) 7. Bangalore Metro Rail Corporation Limited (BMRCL) 8. Central Public Works Department (CPWD) • Vote of Thanks by **Ms. Shabnam Bassi,** Deputy CEO & Secretary, GRIHA Council and Director, Sustainable Buildings, TERI
1130 – 1200 hrs	**Networking with Tea/Coffee**

1200 – 1330 hrs	**Plenary Session 1- Navigating Market Mechanisms to Ensure Energy Security** Venue- Silver Oak Hall
	Session Brief: As India accelerates toward a low-carbon future, effective market mechanisms are essential to ensure a secure, inclusive, and just energy transition. This session will examine regulatory frameworks and financial innovation that can accelerate renewable energy transition and enable its adoption, enhance energy efficiency, build grid resilience while balancing economic growth and energy access. The session aims to identify actionable pathways and partnerships to align diverse market mechanisms with global and national climate goal, thereby enabling long-term energy security.
	Panel Discussion- **Chair: Mr. Anil Razdan**, Former Secretary, Ministry of Power, Government of India Panellists: • **Mr. Saurabh Kumar**, Vice President, Global Energy Alliance for People and Planet (GEAPP), India • **Dr. Peter Graham,** CEO, Global Buildings Performance Network (GBPN) • **Ms. Namrata Mukherjee**, Strategic Planning Specialist, International Solar Alliance (ISA) • **Ms. Gagandeep K. Bhullar,** Founder & CEO, SuperHumanRace Private Limited • **Mr. Harsh Singhal,** Partner, ProsperETE & Board Member, TVS Industrial & Logistics Parks **Q & A Session**
1330 – 1430 hrs	**Networking Lunch**
1430 – 1600 hrs	**Plenary Session 2- Rethinking Climate Resilient Infrastructure** Venue – Silver Oak Hall
	Session Brief: As climate impacts intensify, the need for infrastructure that can withstand extreme weather conditions is more urgent than ever. Rethinking climate-resilient infrastructure is essential to safeguard communities, support economic stability, and achieve long-term sustainability goals. This session will explore strategies to accelerate the development of climate-resilient infrastructure, crucial for adapting to increasing climate risks. The discussion will highlight emerging technologies that can strengthen infrastructure resilience, particularly in vulnerable regions, along with exploring innovative financing and policy frameworks that shall enable scaling up of inclusive, and sustainable solutions.

1430 – 1600 hrs	**Panel Discussion-** **Chair: Ms. Leena Nandan,** Former Secretary, Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India **Panellists:** • **Dr. Jyoti Parikh,** Executive Director, Integrated Research & Action for development (IRADe) • **Dr. Kalachand Sain,** Advisor, DST CoE for Climate Information, IIT Delhi • **Mr. P.K. Das**, Principal Architect, PKDA Architects • **Mr. Shailesh Ranjan,** Business Head, Institutional Glass & Technical Head-Architectural Glass, Asahi India Glass Ltd (AIS) • **Mr. Sanjay Seth,** Vice President & CEO, GRIHA Council and Senior Director, Sustainable Infrastructure Programme, TERI Q & A Session
1430 – 1600 hrs	**Networking with Tea/Coffee**
Parallel Tracks	
1630 – 1730 hrs	**Thematic Track 1 –** **Cascading Innovations- Climate-Smart Water Security** Venue - Silver Oak Hall
	Session Brief: Water scarcity is one of the critical environmental issues which has been exacerbated by climate change, rapid urbanization, and unsustainable consumption patterns. This session will explore innovative solutions to address water scarcity and ensure water security for future generations. Deliberations will focus on water reuse and recycling systems, sustainable watershed management practice and role of advanced technologies like AI and IoT in optimizing water distribution and monitoring systems. This session aims to foster actionable strategies to improve water resilience at the national level while promoting sustainable water management practices.
	Panel Discussion- **Chair: Dr. Veena Srinivasan,** Executive Director, WELL Labs Panellists: • **Ms. Anupama Madhok,** Director and Editor, Water Digest • **Mr. Ganesh Shankar,** Founder & CEO, FluxGen • **Ms. Mansi Jain,** Co-Founder & CEO, DigitalPaani • **Mr. Rajesh Jha,** Country Sustainability Manager, ABB India • **Mr. Kartikey Chaturvedi,** Programme Associate, Sustainable Water team, Council on Energy, Environment and Water (CEEW) Q & A Session

1630 – 1730 hrs	**Thematic Track 2 – Extraction to Execution: Innovations in Building Materials** Venue - Jacaranda Hall
	Session Brief: As the construction industry faces increasing pressure to decarbonize, this session highlights the advancements in sustainable building materials and technologies that reduce environmental impact while maintaining structural integrity and performance. It examines the entire lifecycle, from responsible raw material extraction to efficient manufacturing and delivery, emphasizing sustainable supply chain management practices. This session shall delve deep into the innovations in sustainable building materials industry and supply chain strategies, empowering the construction industry to become a catalyst for a sustainable low-carbon future.
	Panel Discussion- **Chair: Ar. Chitra Vishwanath**, Principal Architect and Managing Director, Biome Environmental Solutions Private Limited **Panellists:** • **Mr. Kaustubh Phadke**, India Head, Global Cement Concrete Association (GCCA) India • **Mr. Subramanian NE,** Managing Director (Insulation Business), Saint-Gobain • **Ms. Yevgeniya Pozigun**, Senior Associate, Zaha Hadid Architects • **Ms. Mili Jain,** Founder, Monk Spaces • **Mr. Tarun Jami,** Founder, Green Jams • **Dr. Gyanesh Gupta**, Senior Manager, Development Alternatives **Q & A Session**
End of Day 1	

Day 1 (contd.) **3rd November 2025 (Monday)** **Venue: The Claridges, New Delhi** **(invitation only)**	
1900 hrs	• Welcome Address by **Dr. Vibha Dhawan,** Director General, TERI and President, GRIHA Council • **Launch of book *"Best Practices in Sustainable Built Environments (Case Studies from India and Australia)",*** Springer Publication • **Address** by **"Guest of Honour"**, **Mr. Bhupinder Singh Bhalla**, Technical Member (P&NG), Appellate Tribunal for Electricity (APTEL) & Former Secretary, Ministry of New & Renewable Energy (MNRE), Government of India • **GRIHA Awards and Felicitation Ceremony** • Cultural Performance by **Nizami Bandhu (Indian Musical Group)** • Vote of Thanks by **Mr. Sanjay Seth,** Vice President & CEO, GRIHA Council and Senior Director, Sustainable Infrastructure Programme, TERI
Concluded by Dinner and Cocktails	
End of Day 1	

Day 2 4th November 2025 (Tuesday) Venue: India Habitat Centre, New Delhi	
1030 – 1200 hrs	**Plenary Session 3 – Planetary Health Pedagogy: Learning for a Sustainable Future** Venue - Silver Oak Hall
	Session Brief: Education plays a pivotal role in shaping a climate-resilient future. This session will highlight how educators and academic institutions can drive innovation and action in response to the climate crisis. By integrating sustainability and climate science into mainstream education, institutions can empower students with the knowledge, skills, and values needed to develop adaptive, low-carbon solutions. Underlining the critical need for climate literacy across all levels of education for long-term, systemic impact, the session will delve into highlighting transformative teaching methods, interdisciplinary learning, and collaboration between academia and industry.
	Panel discussion- **Chair: Mr. R. R. Rashmi,** Distinguished Fellow, TERI Panellists: • **Dr. Vishal Garg,** Director, Indorama Ventures Center for Clean Energy & Professor, Plaksha University • **Dr. Seema Khanwalkar,** Adjunct Faculty IITG; VP, International Association for Semiotics Studies • **Dr. Daniel Joseph Whittaker,** Senior Lecturer, Exchange, Collaborations, Guest Lectures and Exhibitions Coordinator, Singapore University of Technology and Design • **Dr. Prateek Sharma,** Vice Chancellor, Delhi Technical University (DTU) Q & A Session **Launch of 2 books, brought out by the TERI Alumni Association (TAA):** · **"Responding to Climate Change in South Asia: Lessons from India"** by Dr. Divya Sharma, Ms. Raina Singh & Mr. Aditya Raghwa · **"Keeping Cities on the Move"** by Dr. O.P. Agarwal
1200 – 1230 hrs	**Networking with Tea/Coffee**
1230 – 1330 hrs	**Ideas to Inventions - Transforming Climate Action** Venue – Silver Oak Hall
	Session Brief: In the face of accelerating climate change impacts, innovation is key to addressing the intricacies of climate action, enhancing sustainability, and building resilience. This session will spotlight innovative concepts, cutting-edge models and technologies that are transforming the way we design, construct, and adapt our cities and infrastructure. Participants will gain insight into innovative and scalable approaches that address both climate risks and community needs, thereby building urban environments that are sustainable and regenerative.

	Presentations on innovative products by: • **Mrs. Anushka Ajay Kajbaje,** Board of Directors, Poornam Ecovision Foundation • **Dr. Pori Das,** Asst Professor (Selection), Deptt. of Civil Engg., School of Technology, Assam Don Bosco University, Guwahati • **Dr. Supriya Nene,** Dean, School of Architecture and Planning, NICMAR University Pune • **Mr. Kumar Prashant,** Founder, Centre of Resilience, Bihar Q & A Session
1330 – 1430 hrs	**Networking Lunch**
Parallel Tracks	
1430 – 1530 hrs	**Thematic Track 3 – Breathe It or Beat It: Tackling Toxic Air** Venue- Silver Oak Hall
	Session Brief: With air pollution reaching hazardous levels in many cities around the world, addressing its sources within the built environment has become more urgent than ever. The time is here to foster cross-sector dialogue and highlight actionable pathways for building healthier and resilient urban spaces. This session will deliberate on feasible and affordable solutions to combat air pollution through the building and construction sector. Experts will discuss the role of green buildings, passive design, indoor air quality management, afforestation and urban planning in mitigating pollution exposure. Innovative strategies such as integration of air quality metrics in building regulations amongst many others will be identified
	Panel Discussion- **Chair: Dr. Mukesh [SM1] Khare**, Professor, Department of Civil and Environmental Engineering, Indian Institute of Technology (IIT) Delhi **Panellists:** • **Dr. Sumit Sharma,** Deputy Head, UNEP India • **Dr. Bhargav Krishna,** Convenor, SFC & Coordinator, Environmental Governance and Policy Vertical, Sustainable Futures Collaborative • **Dr. Prathibha Ganesan,** Principal Scientist, Climate Resilience, M S Swaminathan Research Foundation • **Mr. Sanjeev Kumar Kanchan,** Director (ESG and Industry), International Forum for Environment, Sustainability & Technology (iFOREST) • **Dr. S.D. Attri,** Member (Technical) & Member - Secretary, Commission for Air Quality Management (CAQM) Q & A Session [SM1]email to be sent 14
	Thematic Track 4 – "Waste Not": Fostering Circular Innovation Venue- Jacaranda Hall

	Session Brief: Waste is not just a challenge, but a critical opportunity for climate action. As we confront the realities of a warming planet, unmanaged and mismanaged waste has become a critical contributor to environmental degradation. This session explores how transforming waste systems is integral to building climate resilience. It will highlight the urgent need for a shift from linear to circular models where reducing, reusing, and regenerating resources becomes central to climate strategy.
	Panel Discussion- **Chair: Dr. Suneel Pandey,** Senior Fellow and Director, TERI **Panellists:** • **Mr. Eshwara Rao Gantela,** Deputy General Manager, Recycling Division, Re Sustainability Limited • **Ms. Shobha Raghavan,** CEO, Saahas Zero Waste • **Mr. Vibhor Sood,** Environmental Policy, Resource Efficiency Advisor, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH • **Ms. Pankti Pandey,** Founder, Zerowasteadda • **Mr. Vijay Mishra,** Commercial Director - India, Knauf India Q & A Session
1530 – 1600 hrs	Networking over Tea/Coffee
1600 – 1730 hrs	**Plenary Session 4 – Lights Camera, Climate Action** Venue – Silver Oak Hall
	Session Brief: Climate Action is a shared vision, where each one of us has a unique role and responsibility. This session explores how stalwarts from different walks of life leveraging advocacy, combined with innovation, can move efforts from awareness to scalable impact. By fostering cross-sector partnerships among public figures, influencers, and industry professionals, we can advance the development of a climate-resilient world. The discussion will highlight effective collaboration models implemented by renowned personalities in accelerating and motivating the masses to stride on the path of sustainability and create lasting environmental impact.

	Keynote Address: Mr. Alan Abraham, Principal Architect, Abraham John Architects **Panel Discussion-** **Chair: Mr. Nikhil Kumar,** Communications and Public Affairs Professional **Panellists:** • **Mr. Alan Abraham,** Principal Architect, Abraham John Architects • **Mr. Aalekh Kapoor,** Actor & Influencer • **Ar. Nayana Premnath,** Founder, The Green Circle • **Mr. Aakash Ranison,** Climate Change Activist and Founder & Co-Director, Greener Earth Foundation • **Ar. Priyanka Arjun,** Principal Architect, Priyanka Arjun and Associates (PA&A) Q & A Session
1730 – 1800 hrs	**Networking over Tea/Coffee** **Venue - Near Stein Auditorium**
1800 -1830 hrs	**Setting of Stage**
1830 – 1900 hrs	**Nukkad Natak Performance**
1900 – 2010 hrs	**Valedictory Session & Award Evening** Venue - Stein Auditorium
	• Welcome Address by **Dr. Vibha Dhawan,** Director General, TERI and President, GRIHA Council • Special Address by **Mr. Kartik Kumar,** Centre Director, Saint Gobain Research India (SGRI) • Special Remarks by **Ms. Yevgeniya Pozigun,** Senior Associate, Zaha Hadid Architects • Special Remarks by **Mr. Sanjay Kulshrestha,** Chairman and Managing Director, HUDCO • Special Address by **Dr. Balakrishna Pisupati,** Country Head, UNEP India • Address by "Guest of Honour" - **Mr. Gulshan Grover,** Leading National and International Film Personality Closing Remarks and Vote of Thanks by **Mr. Sanjay Seth,** Vice President & CEO, GRIHA Council and Senior Director, Sustainable Infrastructure Programme, TERI
2010– 2025 hrs	**Setting the Stage**
2025 – 2045 hrs	**Cultural Evening**
2045 hrs onwards	**Dinner Reception** **Venue - Charminar**
End of 17th GRIHA Summit	

Prelude to 17th GRIHA Summit

GRIHA Regional Conclaves

In the current FY 2025-2026, GRIHA Council has organized two GRIHA Regional Conclaves until now. The regional conclaves came up with the idea to augment the development of sustainable habitats and resilient communities at regional level. These regional conclaves act as precursors to the annual summit.

Centered on the theme: *Innovate to Act for a Climate Resilient World*, two GRIHA Regional Conclaves hosted are:

1. GRIHA Regional Conclave, Bengaluru – 20th June 2025
2. GRIHA Regional Conclave, Bhopal- 12th September 2025

GRIHA Green Building Tours

Till now GRIHA Council has conducted three Green Tours in this financial year. The objective of the green tour is to raise awareness among the delegates regarding the operations of a sustainable building and concepts of energy conservation, renewable energy, utilization of daylight, functioning of domestic sewage treatment plant (STP) water saving and sustainable designs, among others. The tours included interactive sessions with the project's architect and green building consultant, along with experts from GRIHA Council, where the delegates learnt about the operation and maintenance schedules and protocols of operating a green building covering the design, construction and operational stages.

1. Nelamangala Campus, ABB India, Bengaluru
2. New Office Building for the Income Tax Department, Bhopal
3. Uttarakhand Niwas, New Delhi

Paryavaran Rakshak Programme 4.0 (TARANG)

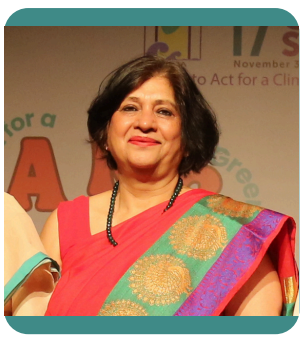
- Think. Aspire. Reimagine. Act for a New Greenworld

To promote environmental sustainability and raise awareness about climate-responsive living, GRIHA Council organized TARANG - Think. Aspire. Reimagine. Act for a New Greenworld on October 13, 2025, at, India Habitat Centre, New Delhi, as a prelude to the 17th GRIHA Summit. The event was conducted under the Paryavaran Rakshak Programme 4.0.

The programme aimed to engage school students from across India through interactive competitions and performances that combined creativity, awareness, and action towards a greener future. More than 200 students from 10 schools participated, showcasing their innovative ideas and thoughts on sustainability through model exhibitions, performances, and creative storytelling.

Mr. Sanjay Seth, Vice President & CEO, GRIHA Council and Senior Director, TERI, in his welcome address he shared "Students are the change-makers of today and the torchbearers of tomorrow, their curiosity, creativity, and courage would shape India's transition into sustainability. He further emphasized that "Sustainability is a shared journey where unique, innovative actions can turn into a lasting impact."

In her inaugural address, **Dr. Vibha Dhawan, Director General, TERI and President, GRIHA Council** stated "We haven't inherited what we are enjoying today, but we have borrowed from our children. It is our responsibility to leave the planet, if not better, at least the way we inherited it. We only have one planet to live on". she further added "Air has no boundaries, and therefore our responsibility becomes international that we also guide the rest of the world as a country on how clean growth can happen."



The competitions were evaluated by a distinguished panel of experts from diverse fields. The jury comprised:

- Ms. Garima Jindal, Head of Design, Indiabulls
- Mr. Vidya Bhooshan Singh, CSR Head - North, Bisleri International Pvt. Ltd.
- Dr. Neetika Walia Chhabra, Fellow, Strategic Communication for Sustainability, TERI
- Ms. Monika Khanna, Solid Waste Management Round Table
- Ms. Gina Krishnan, NCR Waste Matters
- Ms. Shruti Dudani, Fashion Designer
- Ms. Charu Sanan, Artist Convenor, SpicMacay Foundation
- Ms. Shabnam Bassi, Deputy CEO and Secretary, GRIHA Council
- Mr. Akashdeep, Deputy General Manager and Treasurer, GRIHA Council

The winners under various competitions of Paryavaran Rakshak Programme 4.0 are

Crafting Tomorrow: Model Making Exhibition on the theme of 'Building Ideas for a Sustainable Tomorrow!'

- Winner: St. Thomas Girls Senior Secondary School, Mandir Marg, New Delhi
- 1st Runner-up: Billabong High International School, Noida, Uttar Pradesh

Laugh Out Wild: Stand-up Comedy

- Winner: St. Thomas Girls Senior Secondary School, Mandir Marg, New Delhi
- 1st Runner-up: Army Public School, Ratnuchak, Jammu & Kashmir
- Special Mention: Sparsh Patel, Dayawati Modi Academy, Meerut, Utter Pradesh

The Flora and Fabric – अदा-ए-अंदाज़

- Winner: Army Public School, Ratnuchak, Jammu & Kashmir
- 1st Runner-up: Delhi Public School, Ranipur, Uttarakhand

The Green Stage: Nukkad Natak

- Winner: The Srijan School, Delhi
- 1st Runner-up: Dayawati Modi Academy, Meerut, Uttar Pradesh
- Special Mention: Government Secondary School, Bhim Nagar, Gurgaon, Haryana

TARANG also showcased music performance by the students of Army Public School, Ratnuchak using self-made bamboo drums the, performance carried a powerful message of coexistence with nature. A heartfelt prayer dance titled "Aasmaan" was also performed by the specially-abled students of St. Mary's School, Dwarka, setting a warm and inspiring tone.

Beyond the competitions and spectacular performances by students, a workshop on waste segregation and composting was conducted by SWMRT and NCR Waste Matters, engaging the students in an interactive discussion about waste segregation and composting practices. Additionally, Hindustan Pencils organized creative sketching and essay-writing activities for all the students who participated in TARANG.

In her vote of thanks, **Ms. Shabnam Bassi, Deputy CEO and Secretary, GRIHA Council,** expressed her gratitude to all participating schools, jury members, and partners. She emphasized, "TARANG continues to serve as a platform where creativity meets consciousness and where students become ambassadors for sustainability in their communities. You're the one who will carry the mission of sustainability and climate action forward."

The event was supported by Bisleri, Solid Waste Management Round Table (SWMRT), NCR Waste Matters, Hindustan Pencils, Indiabulls, Stonesoup.in and the Indian Pollution Control Association (IPCA).

The event concluded with award felicitation to the winners of each competition.

Nirmaan Exhibition

An exhibition showcasing resilient infrastructure design and trends

As a part of the 17th GRIHA Summit, "Nirmaan" Exhibition was set-up on 3rd - 4th November 2025 at the India Habitat Centre, New Delhi, centred around the theme: **"Innovate to Act for a Climate Resilient World"**. As part of the Summit, three exhibitions were featured.

The GRIHA Council, in association with the Council of Architecture (COA), organized a design competition titled 'Nirmaan'. This initiative was intended to promote a thought-provoking approach to design developments that incorporated resilience-embedded strategies among architects. The competition sought designs that were responsive to local climatic conditions, viewing resilience as a "built-in" feature rather than an "add-on".

Submissions were invited to design an office building situated in any of India's five broad climatic zones: Hot & Dry, Warm & Humid, Composite, Temperate, or Cold. The required submission incorporated how the design development responded to the region's climate context and promoted adaptation. Selected entries were showcased during the Summit on 3 – 4 November 2025.

Industry Exhibition

An industry advancement exhibition, which highlighted cutting-edge sustainable materials and technologies that are driving a continuous shift in the building sector, was showcased.

Visitors got insight into industry trends that were driving a paradigm shift and an opportunity to interact with the market leaders of these materials and technologies.

BIPV Exhibition

As part of NIRMAN Exhibition, a Building Integrated Photovoltaic (BIPV) Model presented was showcased by GRIHA Council and FutureBuilds Urban Technologies at the 17th GRIHA Summit.
As country's first full scale BIPV system featuring EWALLVE panels it has been developed and manufactured in India. Unlike conventional solar panels, EWALLVE integrates energy generation into the built environment transforming every architectural facade and surface into a power generating element without compromising on aesthetics.

The structure embodies the future of climate-responsive architecture, blending sustainable materials, frameless design to demonstrate how India can achieve energy self-sufficiency with style.

- **Made in India:** Ewallve panels are proudly designed and developed by FutrBuilds indigenously featured by GRIHA Council.
- **Solar Integration:** Active Facades, Roof and Shading systems that generate clean energy.
- **Advanced coating technology:** Equipped with SoliForge, an in-house advanced nanoparticle coating technology optimised for solar applications.
- **Design Freedom:** Available in every possible size, colour, various textures and transparency levels.

GRIHA Special Event

A GRIHA Special Event was organized at the 17th GRIHA Summit for its invaluable partners, dignitaries and delegates. It brought together eminent personalities, thought leaders, and practitioners committed to advancing India's sustainability journey

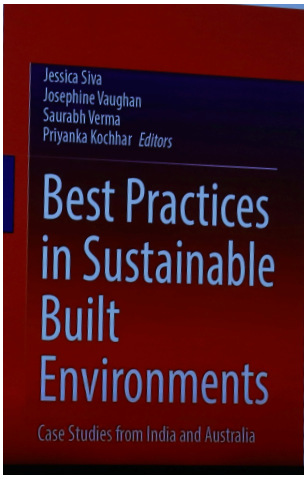
The session featured distinguished guest **Shri Bhupinder Singh Bhalla, Member, Appellate Tribunal for Electricity (APTEL) and Former Secretary, Ministry of New & Renewable Energy (MNRE), Government of India.**

Welcoming the gathering, **Dr Vibha Dhawan, Director General, TERI and President, GRIHA Council** shared, "Sustainability is not a trend, it's a necessity considering the growing population and evolving aspirations with finite resources. She urged, "We need to re-examine how we build, consume, and live Sustainable transformation begins with introspection for both individual and institutional and, can shape a global model for balanced progress."

Shri Bhupinder Singh Bhalla, Member, Appellate Tribunal for Electricity (APTEL) and Former Secretary, Ministry of New & Renewable Energy (MNRE), Government of India emphasized, "Energy efficiency is not just about materials or technology. It begins with a shift in mindset. Sustainability should be woven into the design process from inception, ensuring buildings and infrastructure are conceived with long-term resilience in mind. Enduring societies are built on strong, cohesive communities as much as on durable structures."

Book Launch

A book on - Best Practices in Sustainable Built Environments: Case Studies from India and Australia , published by Springer was released during the GRIHA Special Event. Edited by Jessica Siva, Josephine Vaughan, Saurabh Verma, and Priyanka Kochhar, this remarkable compilation brings together case studies from India and Australia that exemplify innovation and collaboration in advancing sustainable habitats. Following GRIHA Council team members contributed a Chapter on - "Bridging the Gap Between Industry and Academia: Key to Achieving India's 2070 Net Zero Goal" in the book.



- **Mr Sanjay Seth,** Vice President and CEO, GRIHA Council and Senior Director, TERI
- **Ms Shabnam Bassi,** Deputy CEO & Secretary, GRIHA Council and Director, Sustainable Buildings Division, TERI
- **Mr Akash Deep,** Deputy General Manager and Treasurer, GRIHA Council
- **Ms Prerona Kaushik,** Deputy Manager and Area Convenor, GRIHA Council
- **Ms Aditi Dev**, Senior Project Officer, GRIHA Council

Inaugural Session

The 17th GRIHA Summit commenced with its Inaugural Session, setting a powerful agenda under the theme "Innovate to Act for a Climate Resilient World." The session brought together high-level dignitaries from the Indian government, international diplomacy, and global energy alliances. The speakers established the summit's core message: in the face of escalating climate uncertainty, innovation is no longer an option but a critical tool for survival. The session framed the urgent need for a shift in mindset, moving from isolated technologies to integrated, nature-harmonized systems to build a resilient future.

Mr. Sanjay Seth, Vice President & CEO, GRIHA Council and Senior Director, Sustainable Infrastructure Programme, TERI, in his welcome address shared “The 17th GRIHA Summit is not just a platform for dialogue, but a living demonstration of how innovation and collaboration can drive climate action.” He further added, “Whether through showcasing cutting-edge technologies like building-integrated photovoltaics or through creative initiatives such as Nirmaan, this Summit embodies the spirit of partnership that unites the Global North and South. As we move from ambition to action, this Summit stands as a collective commitment to transform ideas into impact.”

Dr. Vibha Dhawan, Director General, TERI and President, GRIHA Council, delivered the opening remarks, lending a somber urgency to the summit's theme, 'Innovate to Act for a Climate Resilient World'. She pointed to the "recent devastating events in Uttarakhand and Himachal Pradesh" as "painful reminders of how fragile our ecosystems truly are," stressing that "we can no longer afford to rely on old solutions." She called for a fundamental shift in approach: "We must innovate in the way we design, the way we think, and most importantly, in how we act." True innovation balances human aspiration with ecological boundaries.

Mr. Ashish Khanna, Director General, International Solar Alliance (ISA), focused his address on the transformative potential of integrating solar technology directly into the built environment. He stated, "To decarbonise cities, we must go beyond adding renewables to the grid, we must embed solar intelligence into the architecture itself." "Every wall, every roof can generate power, reduce emissions, and shield communities from climate stress." Highlighting the urgency for action, he noted that as global urban spaces expand, solutions like Building-Integrated Photovoltaics (BIPV) offer a strategic pathway for clean energy generation without requiring additional land, a factor he described as particularly vital for the Global South.

H.E. Ms. May-Elin Stener, Ambassador, Royal Norwegian Embassy, in her special address highlighted "Climate change is a shared challenge that calls for collective action. Both Norway and India understand that building a sustainable, low- emission future starts with how we shape our cities. We are proud of the strides Norway has made in this transition and admire India's vision for smart and green urban development. Our partnership brings together Norwegian green technology and India's scale and ambition, working side by side to create a blueprint for urban development that balances growth with climate resilience."

Mr. Srinivas Katikithala, Hon'ble Secretary, Ministry of Housing and Urban Affairs, Government of India, in his inaugural address framed innovation not as a choice, but as an existential imperative. He emphasized, "Innovation is the key to survival. If we stop innovating, we stop evolving, and the game is lost." He contextualized this by linking high-level strategy to grassroots participation, calling for a profound shift in societal mindset. He further added, "We need collective action at a population scale, each of us acting consciously, every moment, so that together our actions lead to a more climate-appropriate world."

Ms. Shabnam Bassi, Deputy CEO & Secretary, GRIHA Council and Director, Sustainable Buildings Division, TERI, delivered the formal Vote of Thanks, summarizing the session's key themes. She reinforced the message of collective responsibility and stated, "True climate action begins when every stakeholder from policymakers to citizens becomes a participant in the solution." Ms. Bassi called for a more holistic approach, urging each one of us to help move from isolated innovations to integrated ecosystems of change, thereby setting a clear action item for the summit and beyond."

Plenary Sessions

Plenary Session 1 : Navigating Market Mechanism to Ensure Security

Plenary Session 1, "Navigating Market Mechanisms to Ensure Energy Security," explored the complex frameworks needed to power India's green transition. Chaired by **Mr. Anil Razdan, Former Secretary, Ministry of Power, Government of India,** the session brought together experts from policy, finance, and global research. The panel moved beyond conventional policy, discussing the urgent need to create a true digital energy market, overcome the "tenant-provider" disconnect in real estate, and implement a holistic strategy of regulations, incentives, and public awareness to ensure a resilient and secure energy future.

Mr. Anil Razdan, Former Secretary, Ministry of Power Govt of India, emphasized, "Sustainability has become a major issue of our time. Despite our intelligence, we are among the few species that refuses to live in harmony with nature," He further added, "There are certain issues we must respond to without waiting for governments, responsibility begins with us. If we want to sustain ourselves, we must continuously evolve our lifestyles toward sustainability."

Mr. Saurabh Kumar, Vice President, Global Energy Alliance for People and Planet (GEAPP), shared "Before we can navigate market mechanisms for energy, we must first build a real, functioning energy market. India's success with UPI and FinTech offers a blueprint. We need a similar digital public infrastructure for the power grid." He further added, "A 'Unified Energy Interface' could democratize access, enable peer-to-peer energy trading, and unlock innovation at scale."

Dr. Peter Graham, CEO, Global Buildings Performance Network (GBPN) highlighted, "To overcome the prevailing lack of urgency on climate action, we need a holistic strategy, one that blends sticks (strong regulations), carrots (financial incentives), and tambourines (public awareness)." He added, "We already know why decarbonizing buildings is essential, how to do it and the pilots are out there. The real challenge remains is scaling these solutions. The critical question is: who will take them to the mass market? It's time to shift our focus and measure what truly matters that is human-centric outcomes like indoor comfort and health rather than abstract metrics."

Ms. Namrata Mukherjee, Strategic Planning Specialist, International Solar Alliance emphasized, "True innovation in the energy sector isn't just about new technologies. It's about building an entire ecosystem. Agile policies, innovative contract structures, and bold public-private collaborations are the real enablers." She added, "India's solar revolution is a perfect example. We can't celebrate its success without acknowledging the robust transmission network that made it possible. That network didn't happen by chance. It was the result of ecosystem-level innovation."

Ms. Gagandeep K. Bhullar, Founder and CEO, SuperHumanRace Private Limited offered a new perspective and shared, "The 2-degree target means little unless we rethink how we act. True climate action lies in decentralization. We are entering an era of unpredictability, where resilience depends on intelligence. Data and AI will be our compass, helping us manage complexity and orchestrate a truly decentralized energy future."

Mr. Harsh Singhal, Partner, ProsperETE explained, "One of the biggest hurdles to energy efficiency in real estate is the tenant–owner disconnect. Owners hesitate to invest in efficiency when tenants don't demand it and rarely push for it. The question we need to ask is why aren't major corporate tenants driving the green building movement more aggressively."

He further added, "Investors must fund both proven solutions and high-impact emerging technologies that can accelerate change. The future of sustainable real estate depends on aligning incentives across the entire value chain."

Plenary Session 2 : Rethinking Climate Resilient Infrastructure

Plenary Session 2 on Rethinking Climate Resilient Infrastructure" addressed the urgent need to design buildings and cities capable of withstanding climate impacts. Chaired by **Ms. Leena Nandan, Former Secretary, Ministry of Environment, Forest and Climate Change, Government of India (MoEF&CC),** the session united experts from governance, climate science, architecture, and industry. The discussion moved from technological monitoring and community engagement to material innovation and nature-based design, converging on the key insight that resilience is not a static goal but a continuous, adaptive process demanding collaboration from all stakeholders.

Ms. Leena Nandan, Former Secretary, Ministry of Environment, Forest and Climate Change, Government of India, chaired the session, framing resilience as a "transformative shift in mindset" that must be embedded in every system. She described, "Urban resilience isn't a single dimension. It is the intersection of infrastructure, institutions, innovation, and inclusion. She further added, a holistic vision for future cities is simple yet profound. It should breathe with nature, function with technology, and thrive through community. By aligning ecological health, technological progress, and social equity, we can chart a holistic pathway toward sustainable urban transformation."

Dr. Jyoti Parikh, Executive Director, Integrated Research & Action for Development (IRADe), emphasized, "Infrastructure resilience is as much about institutions and governance as it is about design. Every hazard need not become a disaster. Systems must be built to absorb shocks and recover swiftly. Resilience is not about avoiding risk; it is about cultivating the capacity to anticipate, adapt, and emerge stronger every time. She called for addressing everyday vulnerabilities as the foundation for climate preparedness."

Dr. Kalachand Sain, Advisor, DST CoE for Climate Information, IIT Delhi, highlighted, "AI and IoT must become our 'Eyes and ears,' continuously monitoring environmental patterns to anticipate threats rather than merely react to them. Resilience starts with understanding local vulnerabilities to climate impacts. Bridging climate science and local knowledge with ground realities is critical, ensuring technology empowers communities instead of alienating them. Technological resilience cannot stand alone. It must be woven into human and social systems to truly work.

Mr. P.K. Das, Principal Architect, PKDA Architects brought a ecological perspective and shared, "Architecture must transcend aesthetics and construction to become a medium that nurtures both nature and society. We must build with nature, not over it." He added, "Resilience begins at the community scale. Through collective planning where citizens are active agents of environmental change like a shared culture, embedded in municipal byelaws, community campaigns, and everyday lifestyle choices. We can inculcate sustainable behavior Only when sustainability becomes part of how we live, cities can truly thrive."

Mr. Sailesh Ranjan, Business Head, Institutional Glass & Technical Head-Architectural Glass, Asahi India Glass Ltd. focused on material intelligence as a pathway to resilience. He asserted, "Every material decision shapes the planet and that innovation in glass can redefine how buildings breathe and respond." He highlighted how advancements in glass technology such as high-performance, energy-efficient glazing are redefining how buildings interact with heat, light, and their environment. He called for greater awareness to help designers make responsible choices, advocating for a balance between modern technology and traditional wisdom.

Plenary Session 3 : Planetary Health Pedagogy

Plenary Session 3 on “Planetary Health Pedagogy,” explored the critical role of education in shaping a climate-resilient future. Chaired by **Mr. RR Rashmi, Distinguished Fellow, TERI**, the discussion united leaders from technology, design, and academia. The panel focused on how to evolve learning beyond traditional classrooms, emphasizing the need to weave sustainability through every discipline, understand the human behaviors that drive change, and equip students with the wisdom to use new tools like AI responsibly.

Mr. RR Rashmi, Distinguished Fellow, TERI, chaired the session. He introduced the theme of "Planetary Health Pedagogy," framing the discussion on how academic and technical institutions must reimagine learning to equip future generations with the interdisciplinary skills and critical-thinking mindset required to solve complex climate challenges.

Dr. Vishal Garg, Director, Indorama Ventures Center for Clean Energy and Professor, Plaksha University discussed the role of technology in this new educational landscape. He emphasized, "Access to information is no longer the challenge. The real task is learning to use it wisely and ethically. Teachers are no longer mere transmitters of knowledge but catalysts for critical thinking and decision-making. Human behavior remains the true driver of sustainability. Educators must encourage hands-on, problem-solving pedagogy and to let students tackle real-world environmental and energy challenges."

Ms. Seema Khanwalkar, Adjunct Faculty, IITG and Vice President, International Association for Semiotics Studies provided a critical socio-cultural perspective. She emphasized, "The critical truth is that we cannot protect the planet without understanding the people. Sustainability is not just a technological challenge; it's a cultural one. Anthropology must guide technology, ensuring that innovations resonate with human values rather than clash with them. Sustainability must be expressed in simple terms only then can it become part of everyday life, not an abstract ideal."

Dr. Daniel Joseph Whittaker, Senior Lecturer, Exchange Collaborations, Guest Lectures and Exhibitions Coordinator, Singapore University of Technology and Design championed the value of context and history in design education. He said, "History is not a relic of the past but a living guide. Understanding cultural and environmental contexts, enables students to create designs that respect both tradition and innovation. Learning must be experiential and context-driven, with students engaging directly with sites, communities, and materials." He called for interdisciplinary collaboration, encouraging the integration of emerging technologies like drones and robotics into architectural education whilst maintaining the human essence of design.

Dr. Prateek Sharma, Vice Chancellor, Delhi Technical University, called for a fundamental shift in university curricula. He urged academic institutions to move beyond treating sustainability as a standalone subject and embrace a pedagogy of creation, impact, and social relevance one that drives measurable, real-world change. He shared, "Systemic transformation begins with mindset change, making behavioral shifts for lasting impact. Education must evolve beyond theory to become purpose-driven learning cultivating empathy, accountability, and innovation. Universities must prioritize learning that creates change, not just knowledge."

Plenary Session 4 : Lights Camera, Climate Action

Plenary Session 4 on “Lights Camera, Climate Action” explored the critical role of advocacy, design, and media in translating climate awareness into tangible public action. Chaired by **Mr. Nikhil Kumar, Communications and Public Affairs Professional, Google**, the discussion brought together architects, influencers, and climate activists. The panel focused on how to move "climate action from talk to traction," leveraging personal storytelling, inclusive design, and social media to make sustainability a relatable, aspirational, and collective responsibility.

Mr. Alan Abraham, Principal Architect, Abraham John Architects, opened the session with a presentation showcasing a bold vision for reimagining Mumbai through livability and equity, drawing from his Bombay Greenway Project. He stated, “Architecture must evolve beyond creating objects to designing lifestyles. We must plan the city in way that is inclusive, has walkable public spaces, clean air, and accessible transport. He stressed, “Design is not a decoration but civic responsibility. Density and complexity can be strengths when resources are shared. Urban design must prioritize people over vehicles and embed equity at its core.”

Mr. Nikhil Kumar, Communications and Public Affairs Professional, Google chaired the session and set the tone of the discussion on "climate action from talk to traction." He emphasized, “The challenge is not a lack of knowledge or technology. It’s turning what we already know into delivery. As the world approaches COP-30, the gap between promises and implementation has only widened. Climate response now demands coordination across policymakers, designers, communicators, and citizens. The real question is: how do we convert intent into impact?”

Mr. Aakash Ranison, Climate Activist, framed his work as a simple extension of his love for the planet. He said, “Belief change must complement policy. Sustainability can’t be enforced if people don’t believe in it. I simplify climate science through accessible media like carbon-neutral cartoon books.” Advocating systemic support for green solutions, he highlighted, the power of communication and shared, “We need to pair fair policy incentives with creative outreach to make sustainability mainstream.”

Mr. Aalekh Kapoor, Actor and Influencer, described his advocacy as a journey of "connection, concern, and action." He opened with a strong reminder “Silence on the environment has lasted too long”, urging the use of social media as a powerful tool to make eco-friendly behaviour aspirational. He said, “We don’t need more luxury in cities we need community, because survival was always a collective idea.” Sharing his journey from childhood concern to environmental advocacy, he explained how, as an actor and influencer he leverages digital platforms to merge storytelling with sustainability.

Ar. Nayana Premnath, Founder, The Green Circle, shared her journey from a traditional architect to a sustainability advocate inspired by Laurie Baker. She stated, “Sustainability isn’t sacrifice, it’s just a smarter way to live. Through simple choices we can make impactful change that is practical and relatable.” She advocated for cooperation over blame and implementation of enforceable penalties alongside behavioural nudges to create lasting habits. She noted, “Sustainability thrives when it becomes a shared, everyday practice.”

Ar. Priyanka Arjun, Principal Architect, Priyanka Arjun and Associates (PA&A) traced her sustainable philosophy to a simple, regional "instinct to save a tree, a material, or sometimes just a rupee." She noted, “Post-COVID, there was a clear shift in client priorities toward healthier, climate-responsive spaces.” She emphasized, “Being persistent with clients can gradually lead to acceptance of climate-sensitive design, advocating for a mindful approach that blends innovation with responsibility. Sustainability in design is not optional; it is urgent and foundational.”

Thematic Tracks

Thematic Track 1 : Cascading Innovations: Climate-Smart Water Security

Thematic Track 1, “Cascading Innovations: Climate-Smart Water Security,” addressed the critical need for new water management paradigms in an era of climate change. Chaired by **Dr. Veena Srinivasan, Executive Director, WELL Labs,** the session brought together leaders from media, tech, industry, and policy. The discussion focused on moving beyond outdated methods, leveraging AI and IoT to digitize water use, promoting wastewater as a renewable resource, and strengthening the hyper-local execution of national policies.

Dr. Veena Srinivasan, Executive Director, WELL Labs chaired the session and stated, "We can’t do what we’ve been doing for the last 50 years. We need to do things differently." She set the stage for the discussion and said, “To achieve climate-smart water security, we want to look at reuse and recycling, sustainable watershed management, and technological advances like AI and IoT as the new pillars for a resilient water future.”

Ms. Anupama Madhok, Director and Editor, Water Digest spoke on the media's critical role in a time of data saturation. She stated, "Information is overloaded today; media literacy and verification are more crucial than ever." She emphasized that to build public trust and drive behaviour change, credibility is paramount. For this reason, she argued, "It's vital to mark advertorials clearly to ensure credibility." She presented global references such as Spain's long-term demand reduction achieved through public awareness and campaigns in the U.S. where real-time water use feedback helped influence consumer conservation.

Mr. Ganesh Shankar, Founder and CEO, FluxGen, provided a stark, real-world example of the crisis. He shared, "In my lifetime, I've seen Bengaluru move from wells to tankers. It's a frightening shift." Adding further, he said, "At Fluxgen, we provide solutions that are data-driven, using IoT and AI to make the invisible visible. We digitize every drop from inflow to reuse to expose leakage and wastage to ensure accountability." He emphasized the importance of enabling public–private financing models that allow industries to contribute to rejuvenation of shared water bodies.

Ms. Mansi Jain, Co-Founder and CEO, DigitalPaani reframed the narrative around wastewater, positioning it as a key solution. She asserted, "Wastewater is a local, renewable resource that can create circular loops." However, she pointed to a significant gap between technology and implementation, driven by poor oversight. " She emphasized, "Stronger regulatory enforcement, rationalized water pricing, and greater visibility of data on water consumption and violations would support scale."

Mr. Rajesh Jha, Country Sustainability Manager, ABB India discussed corporate responsibility model that extends beyond factory walls. He explained "We don't limit ourselves to the factory. We involve communities and regulators." He provided tangible proof of technology's impact, noting that IoT and automation have reduced STP energy use by up to 25%, and demonstrated how industrial efficiency can align with community and environmental benefits. He pointed out the need for stronger frameworks and awareness around water credits and sustainability-linked financial incentives, as well as the importance of strengthening data measurement integrity.

Mr. Kartikey Chaturvedi, Programme Associate, Sustainable Water, Council on Energy, Environment and Water (CEEW) bridged the gap between high-level policy and on-the-ground reality. He noted, "Cities must move toward decentralized, design-based, and localized water systems, which are more adaptable and resilient to climate-specific challenges." He shared, "Key challenges include limited technical capacity at municipal levels, lack of transparent data systems, and insufficient financial autonomy for urban local bodies. Training of municipal engineers and diversified financing models such as PPPs and treated water markets could close this gap."

Thematic Track 2 : Extraction to Execution: Innovations in Building Materials

Thematic Track 2, "Extraction to Execution: Innovations in Building Materials," addressed the urgent need for the construction industry to decarbonize. Chaired by **Ar. Chitra Vishwanath, Principal Architect and Managing Director, Biome Environmental Solutions Private Limited,** the panel of architects and industry leaders explored the entire material lifecycle. The discussion moved from reforming conventional materials like cement to the rise of carbon-negative biomaterials, emphasizing that these innovations must be supported by new processes in data, policy, and design to create a low-carbon future.

Ar. Chitra Vishwanath, Principal Architect and Managing Director, Biome Environmental Solutions Private Limited chaired the session, setting the stage for a critical discussion on material innovation. She stated, "The profound environmental impact of construction must be confronted head-on." She positioned material and design innovation not as an option but as an essential and urgent pathway for a viable, low-carbon future, encouraging the panellists to explore solutions from extraction to execution.

Mr. Kaustubh Phadke, India Head, Global Cement Concrete Association (GCCA) India provided a stark assessment, stating, “India cannot achieve its 2070 net-zero target unless its cement and concrete industry is decarbonized first.” He highlighted “The two main levers for this transformation are substituting high-carbon clinker with new materials like LC3 and embracing the circular economy.” He reframed the industry as a key circular economy solution, acting as a 'scavenger' by using industrial and municipal waste as alternative fuel to replace coal.

Mr. Subramanian NE, Managing Director (Insulation Business) Saint-Gobain reinforced the session's urgency, acknowledging that construction and manufacturing are among the biggest contributors to climate change. He said, “We cannot ignore this reality. The future buildings must deliver more than just shelter; they must be designed for human comfort and well-being.” Calling for a dual focus on process and product, he stated, “We must refine our processes and build better wherein efficiency and responsibility must go hand in hand.”

Ms. Yevgeniya Pozigun, Senior Associate, Zaha Hadid Architects offered a global design perspective and, declared “Sustainability is the new contextualism. It defines how we must design and build.” Outlining a holistic approach she shared, “We must make carbon performance, adoption, and collaboration as the pillars of a sustainable future. These pillars are not just technical, but social. It emphasizes that true sustainable outcomes are impossible unless local communities become active participants in the decision-making process.”

Ms. Mili Jain, Founder, Monk Spaces, focused on the critical need for accurate data in decision-making. She noted “Carbon is the metric we feel most tangibly, but we need a more holistic assessment. We must localize Life Cycle Assessments (LCAs) with Indian-specific reference values to avoid penalizing local industries. The industry must look beyond carbon, [as] 'water deprivation potential' is a critical metric” that must be tracked.”

Dr. Gyanesh Gupta, Senior Manager, Development Alternatives championed the power of early-stage design and policy. He shared, “When analysis is left until after construction, 20-25% of potential efficiency is already lost." He noted “Embodied energy can be reduced in simple ways, but to drive this change at scale, a new approach is needed. To truly incentivize sustainable construction, we must link financial incentives to performance-based building codes.”

Mr. Tarun Jami, Founder, Green Jams, introduced a carbon-negative building block developed from agricultural residues. He explained, “The core innovation lies in a proprietary binder that "mineralizes" the plant fibres, effectively turning the agricultural waste into a stone-like material and, in the process, permanently sequestering carbon.” He noted, “Bio-based materials offer significant co-benefits beyond carbon negativity. By leveraging the inherent properties of the natural fibres, the material provides 3.5 times more thermal insulation than conventional blocks, which can cut a building's operational energy consumption by up to 60%.”

Thematic Track 3 : Breathe It or Beat It : Tackling Air Pollution

Thematic Track 3, "Breathe It or Beat It, Tackling Air Pollution" convened a panel of experts to address the urgent public health crisis of urban air pollution. Chaired by **Dr. Mukesh Khare, Professor, Department of Civil and environmental Engineering, Indian Institute of Technology (IIT), Delhi,** the session examined the problem from all angles: from embedding clean air into initial urban design and strengthening inter-agency governance, to reforming ESG frameworks and understanding the hidden, long-term health impacts. The panel's consensus was clear: air pollution is a year-round calamity that demands a proactive, collaborative, and systemic response, not a seasonal one.

Dr. Mukesh Khare Professor, Department of Civil and environmental Engineering, Indian Institute of Technology (IIT), Delhi chaired the session, opening the discussion on one of the most critical challenges facing urban India: toxic air. He set the stage for the panel of experts to move beyond siloed discussions and address air pollution as a complex interplay of urban planning, public health, industrial policy, and inter-state governance, emphasizing the need for actionable, integrated solutions. He emphasized, "Clean air must be embedded as a key parameter in policy frameworks and master plans from the planning stage itself. Coordination across agencies such as PWDs, NHAI, and urban local bodies is essential to align infrastructure development with environmental goals.

Dr. Sumit Sharma, Deputy Head, UNEP India stressed that solutions must be proactive, not reactive. He said, "Air quality management must begin at the drawing board “Policies and master plans must embed clean air as a design parameter. Cross-sector collaboration is not optional; PWDs, NHAI, and urban planners must all speak the same environmental language." In conclusion he said, “Cleaner cities are not built through technology alone but through systemic collaboration.”

Dr. Bhargav Krishna, Convenor, SFC and Coordinator, Environmental Governance and Policy Vertical, Sustainable Futures Collaborative focused on the crucial gap in governance and capacity. He pointed out “Meeting regulatory targets requires not just intent but expertise. It needs more skilled people to manage air quality systems." He highlighted the trans-boundary nature of the problem, asserting that air quality governance must move beyond municipal limits. He said, “Air knows no boundaries. Policies must extend beyond municipal limits and be integrated across industrial, commercial, and urban jurisdictions.”

Dr. Pratibha Ganesan, Principal Scientist, Climate Resilience, M.S. Swaminathan Research Foundation brought a critical public health perspective, warning against focusing only on visible pollution. She said, "We often solve for direct impacts, but it’s the unseen, indirect effects of pollution that quietly erode public health." She called for a more robust understanding of these hidden dangers, urging for ‘deeper research into the health implications of pollution, beyond what meets the eye or the air monitor.’ Dr. Ganesan urged stronger research collaboration between environmental scientists and health experts to develop data-driven interventions.

Mr. Sanjeev Kumar Kanchan, Director, (ESG and Industry), International Forum for Environment, Sustainability and Technology (iFOREST) provided a sharp critique of current corporate sustainability practices. He emphasized, "ESG has become a checklist, not a compass. The intent is missing, and the mission is diluted." He called for a move from box-ticking to genuine impact, stating that ‘sustainability cannot survive in silos of paperwork. It must translate into measurable, on-ground change to have any real-world effect.’. He emphasized “Implementation remains weakest in smaller industries, where awareness is limited and calls for ESG systems that promote accountability, set clear timelines, and bridge the gap between documentation and action.”

Dr. S.D. Attri, Member (Technical) and Member-Secretary, Commission for Air Quality Management (CAQM) emphasized the need for collective accountability and constant vigilance. He shared, "Air pollution is not a seasonal crisis. It's a looming calamity that demands year-round vigilance." He stressed that every source, from dust to diesel, stubble burning and C&D waste must be tackled with a coordinated, non-negotiable approach. He said, "Collective accountability is critical. We cannot tackle air pollution in isolation."

Thematic Track 4 : 'Waste Not': Fostering Circular Innovation

Thematic Track 4, "'Waste Not': Fostering Circular Innovation," explored the systemic shift from a linear 'take-make-dispose' model to a circular one. Chaired by **Dr. Suneel Pandey, Senior Fellow and Director, TERI,** the session convened leaders from recycling industry, policy, manufacturing, and community engagement. The discussion focused on the urgent need for an integrated legislative framework, the business case for using recycled materials, and the critical role of community storytelling to transform waste from climate liability into a regenerative resource.

Dr. Suneel Pandey, Senior Fellow and Director, TERI, introduced the topic by highlighting that as unmanaged waste contributes significantly to environmental degradation, a systemic shift to a circular economy is a critical climate action strategy. He said, "For transforming waste as a challenge to a regenerative resource we need a holistic approach focusing on policy advisory, business models, sustainable manufacturing and community engagement."

Mr. Eshwara Rao Gantela, Deputy General Manager, Recycling Division, Re Sustainability Limited, identified the primary barriers to a large-scale circular economy. He noted "The mindset for circularity is here. The key obstacle is the lack of a single, integrated legislative framework." He stressed that to displace virgin material consumption; a robust reverse logistics network and massive capital investment are required. He emphasized, "A circular economy only works when recycled materials are fed back into production, forcing a reduction in virgin material use."

Ms. Shobha Raghavan, CEO, Saahas Zero Waste emphasized the social and data-driven aspects of circularity. She pointed out "It is not those close to nature - it is we, the urbanized, who are generating the most waste." She said, "Circular economy is fundamental to social inclusion and requires optimizing fragmented supply chains. We live in the age of data and AI. Now it's time to talk about Material Intelligence to manage this complexity."

Mr. Vibhor Sood, Environmental Policy, Resource Efficiency Advisor, Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ) Gmbh provided a high-level policy perspective, framing circularity as a tool rather than a final objective. He stated, "Circularity is not the end goal; it is the means to an end, whether that end is economic opportunity or regulatory stability." He pointed to global precedents, like the EU's targets, and urged that it is high time for India to take a cue from these global initiatives and take its own decisive foot forward."

Ms. Pankti Pandey, Founder, Zerowasteadda, championed the role of community and communication in driving change. She said, "Without people and communities, no business model can truly sustain. We need to address the gaps in public understanding and highlight the power of digital media to bridge it." She, noted, "Storytelling can inspire change and create a ripple effect by making sustainability tangible for a wider audience."

Mr. Vijay Mishra, Commercial Director, Knauf India provided a strong business case for circular innovation. He explained "Sustainability makes perfect business sense, using a recycled industrial by-product is. more cost-effective than mining virgin materials." He connected this to market demand and stated, “Thousands of new high-rises being built, lightweight systems are essential for reducing structural costs and a building's total carbon footprint."

Knowledge Session : Ideas to Invention- Transforming Climate Action

The Ideas to Invention Session held during the summit showcased an inspiring confluence of grassroots innovation, community-driven design, academic research, and technological ingenuity. The session emphasized scaling research into practice and celebrating human creativity in an age of technology. It brought together four distinguished speakers—Mr. Prashant Kumar, Mrs. Anushka Ajay Kajbaje, Dr. Supriya Nene, and Dr. Pori Das who represented diverse approaches to climate resilience and sustainability in India.

Mrs. Anushka Ajay Kajbaje, Board of Director, Poornam Ecovision Foundation brought the audience into the world of community-led waste management. An architect and environmental educator, she presented her work through two flagship initiatives—*Pahal* (Plastic and E-Waste Handling for Eco-friendly Lifestyle) and *E-Antran* (Electronic Waste Control).

Kajbaje also discussed her "plate-to-plate" model of composting in residential complexes and schools. Her work extends to teaching bioenzyme production and home composting to students, promoting a toxic-free lifestyle. She emphasized "Waste management starts from home, and that true sustainability is driven by behavioural change and skill development within communities."

Dr. Pori Das, Asstt. Professor (Selection) Deptt. Of Civil Enginnering, School of Technology, Assam Don Bosco University, Guwahati exemplified scientific innovation grounded in simplicity. Working in the humid, flood-prone environments of the Northeast, Dr. Das presented two nature-based solutions: PureCool—an active green wall system for indoor air purification and cooling, and ReCoBrick—a circular-economy brick made from industrial and agricultural waste such as cow dung, fly ash, and granulated slag.
She emphasized "Science and technology should not live in the ivory tower; they must reach marginalized communities."

Dr. Supriya Nene, Dean, School of Architecture and Planning, NICMAR University, Pune, highlighted the growing ecosystem of research and patent development in India's built environment sector. She noted that India now ranks sixth globally in patent applications, with over 100,000 filed in 2023–24. Dr. Nene showcased several patents emerging from NICMAR's interdisciplinary programs, including an excavation-site surveillance robot, a solar-powered concrete trowel, AI-based brick-quality monitoring devices, and blockchain-based government fund tracking systems. She stressed, "Science must translate and serve as catalysts connecting research, industry, and communities through executive education and partnerships."

Mr. Kumar Prashant, Founder, Centre of Resilience, Bihar presented the Floating House Project, India's first climate-resilient amphibious dwelling that rises with floodwaters and settles back as the water recedes. The house was constructed entirely with locally sourced and upcycled materials bamboo, recycled metal pipes, and discarded drums within a 40 km radius. Built using indigenous knowledge and low-cost, low-tech methods, the house offers not only flood safety but also year-round thermal comfort: 6–7°C cooler in summer and significantly warmer in winter. Beyond engineering ingenuity, the project embodies a philosophy of coexistence with natural forces resilience. Kumar emphasized, "It is not a wall to stop a storm; it is learning to dance with that storm and build again."

Mr. Sanjay Seth, Vice President and CEO, GRIHA Council and Senior Director, TERI, praised the presenters for translating ideas into actionable outcomes. He underscored the importance of scaling up innovations rather than confining them to laboratory research. He shared, "Let's move from ideation to constructive outcomes research is valuable only when we're able to take it to scale." He reaffirmed that human creativity remains irreplaceable despite the rise of artificial intelligence. "No machine can outdo the human mind."

In the session, two environmental stewards were felicitated, who are walking the talk and leading by example through their commitment to sustainable living:

- **Ms. Reva Malik,** Co-founder, Primalise
- **Ms. Jaya Rayaprolu,** Principal Architect & Founder, DESIGN HARMONY Associates Pvt Ltd, Bengaluru

Valedictory Session

The 17th GRIHA Summit concluded with a valedictory session followed by the cultural performance. The session served to synthesize the key learnings from the two-day summit, recognize sustainability efforts undertaken by diverse projects and organizations in GRIHA felicitation ceremony, and reinforce the shared commitment of all stakeholders toward a climate-resilient built environment. The dignitaries and delegates collectively charted a path forward, emphasizing the need to evolve sustainable thinking, strengthen compliance, and simplify the message of green living for society at large.

Dr. Vibha Dhawan, Director General, TERI and President, GRIHA Council, presented the welcome remarks at the valedictory session. She said, "Whatever we discuss is not a fixed idea; we must keep evolving with the changing times." Dr. Dhawan championed blending ancient wisdom with modern science and data, which now empowers us to calculate carbon footprints and make informed choices. She congratulated all the award winners and concluded with a forward-looking call to action for the next year. She said, "Together, we will embark on this journey to make the built environment as green as possible."

Dr. Balakrishna Pisupati, Country Head, UN Environment Programme (UNEP) provided a global context, observing that humankind must stop 'beating nature to death.' He praised the summit for successfully bridging the critical science-policy-practice gap, aligning with UNEP's mandates. He pointed "India is a land of contrasts, with vast disparities in real estate, which creates a complex landscape for innovation." He stressed, "While policy coherence is vital, the greatest challenge remains in personal commitment. Unless that individual behavioural change happens, it's going to be very difficult for us to have a collective impact."

Mr. Kartik Kumar, Centre Director, Saint-Gobain Research India (SGRI) spoke from an industry perspective and stated, "India is poised to become the world's third-largest economy and is at a defining moment. Every building we design will shape the climate of tomorrow." He emphasized climate-adaptive design based on real data, highlighting a joint TERI study on daylight models for Indian skies. He called for region-specific models to optimize sustainability, comfort, and performance, urging that net-zero goals be embedded at the very start of the design stage.

Mr. Sanjay Kulshrestha, Chairman and Managing Director, HUDCO reinforced the government's commitment to sustainability, referencing ambitious 2030 energy targets. He introduced a powerful concept gaining traction in policy. He said, "We are discussing that waste is a new reserve, it is a resource. In an era where abundance is a problem, the focus must shift from mere water conservation to effective water management." He advocated for returning to the foundational principles of reuse and recycling that were once common practice.

Ms. Yevgeniya Pozigun, Senior Associate, Zaha Hadid Architects, offered a global perspective. She noted "While challenges differ by country, the solutions are similar. Change will not be made by architects or regulators alone, but by all of us working together." She explained that her global practice embeds sustainability assessments from the very onset of design, as optimization is nearly impossible once a building is complete. She highlighted, "The importance of local-level action and community engagement is key to success."

Mr. Gulshan Grover, Leading National and International Film Personality shared, "Innovation and action are essential not only in cinema but also in shaping a livable world. Sustainability is everyone's responsibility from policymakers to citizens and demands integrating eco-conscious choices into everyday life. Appreciating GRIHA Council's efforts in mainstreaming sustainability across India's built environment, he urged all stakeholders to make sustainability their "everyday script,". He stressed "GRIHA should be mandated for all projects to ensure that future generations inherit a greener, cleaner, and more resilient world."

Mr. Sanjay Seth, Vice President and CEO GRIHA Council and Senior Director, TERI, concluded the session by reinforcing the organization's guiding philosophy: "At GRIHA, we live by the principle: 'What gets measured, gets managed." He said, "The strength of the GRIHA Summit lies in the unity of diverse voices coming together to translate ideas into impact, and aspirations into tangible outcomes. Each session, discussion, and partnership at this 17th Summit reinforces a simple truth that sustainability is not an endpoint, but a continual journey shaped by knowledge, collaboration, and conviction." Mr. Seth thanked all the eminent dignitaries, delegates and invaluable partners for their commitment and engagement in advancing the vison of sustainable development.

GRIHA Felicitation Ceremony

List Of GRIHA Rating Awards

1	Vanijya Bhawan, New Delhi	5 Star	GRIHA Provisional Rating
2	Kaushal Bhawan, New Moti Bagh, New Delhi	5 Star	GRIHA Provisional Rating
3	STATE OF THE ART GREEN LABORATORY BUILDING AT CSIR-AMPRI,BHOPAL(M.P.)	5 Star	GRIHA Provisional Rating
4	Uttarakhand Niwas	5 star	GRIHA Provisional Rating
5	REC Limited Corporate Office, Gurugram, Haryana	5 Star	GRIHA Provisional Rating
6	Kharagpur Divisional Office Building, Life Insurance Corporation of India, Jeevan Prakash, Malancha Road, (Near Lal Bungalow), P.O. Nimpura, Kharagpur-721304, West Bengal	5 Star	GRIHA EB
7	Interglobe Education Services Limited, Greater Noida	5 Star	GRIHA EB Re-Certification
8	InterGlobe Real Estate Ventures Private Limited	5 Star	GRIHA EB Re-Certification
9	Prerana Sankul, Mahesana, Gujarut	5 Star	GRIHA Existing School
10	Lotus Patel Senior Secondary School, Sohna, Haryana	5 Star	GRIHA Existing School
11	Utkarsh Tower, Varanasi	5 Star	GRIHA Final Rating
12	Mahindra Centralis, Pune, Maharashtra_18GR0011_24 April 2025_V2015	5 Star	GRIHA Final Rating
13	Akshat Jyoti, Jagdalpur, Bastar, Chhattisgarh	5 Star	SVAGRIHA
14	Expansion Modernization of The British School, Chanakyapuri, New Delhi	5 Star	Re-certification

15	HRRL TOWNSHIP, PACHPADRA, District: BALOTRA, Rajasthan	4 Star	GRIHA LD
16	Passenger Terminal Building, Maharishi Valmiki International Airport, Ayodhya	4 Star	GRIHA Rating
17	UPES, Dehradun, Uttarakhand	4 Star	Re-certification
18	Sales Training Centre, LIC, Bareilly, Uttar Pradesh	4 Star	GRIHA EB
19	Nalbari Branch Office Building, Life Insurance Corporation of India, Barama Road, Dist. & P.O., Nalbari - 781335, Assam	4 Star	GRIHA EB
20	Shubh Aarambh by Shubh Enterprises, New Panvel East, Navi Mumbai, Maharashtra	4 Star	SVAGRIHA
21	LIC Branch Office Building , Thodupuzha, Kerala	4 Star	SVAGRIHA
22	LIC Branch Office Building, Adoor, Kerala	4 Star	SVAGRIHA
23	Elevate, Sector-59, Gurugram	4 Star	GRIHA Provisional Rating
24	Construction of UIDAI Residential Complex at New Delhi	4 Star	GRIHA Provisional Rating
25	State Guest House, Bodhgaya, Bihar	4 Star	GRIHA Provisional Rating
26	Guest House, Hostels and Director's Residence at IIT Gandhinagar, Gujarat	4 Star	GRIHA Provisional Rating
27	Commercial Colony (M3M Route 65) on Area Measuring 4.0 Acres in Sector-65, Gurugram, Haryana by M/s Manglam Multiplex Pvt. ltd. (License No. 84 of 2022 & License No. 213 of 2023)	4 Star	GRIHA Provisional Rating
28	Commercial Plot (M3M Atrium) on Area Measuring 1.425 Acres, Block-H, Sushant Lok-III, Sector-57, Gurugram, Haryana by M/s Paryapt Infrastructure Pvt. Ltd.	4 Star	GRIHA Provisional Rating
29	Naval War College, INS Mandovi, Goa_18GR0149_27 January 2025_V2015_Revised Letter Issued on 20/06/2025 - Admin, Training & Ancillary Facilities, INS Mandovi	4 Star	GRIHA Provisional Rating

30	Construction for Up-gradation of GSVM Medical College, Kanpur (U.P.) under PMSSY Phase IV	4 Star	GRIHA Provisional Rating
31	Construction for up-gradation of SN Medical College, Agra (Uttar Pradesh) under PMSSY (Phase-IV)	4 Star	GRIHA Provisional Rating
32	Indian Oil Corporation Limited, Karnataka State Office, Transit Block cum Guest House, Residential Blocks and Club House.	4 Star	GRIHA Provisional Rating
33	Backup NERLDC: Office cum Control Centre, NERLDC/ POSOCO	4 Star	GRIHA Provisional Rating
34	Construction of New Greenfield Airport at Hollongi, Itanagar, Arunachal Pradesh.	4 Star	GRIHA Provisional Rating
35	Mahatma Gandhi Institute of Governance and Social Sciences	4 Star	GRIHA Provisional Rating
36	AAYAKAR BHAWAN KOCHI	3 Star	GRIHA Provisional Rating
37	AD1 Quad -Chemistry, MSME & BTBM, Indian Institute of Technology, Hyderabad, Telangana.	3 Star	GRIHA Provisional Rating
38	AHMEDABAD BRANCH OF WIRC OF ICAI	3 Star	GRIHA Provisional Rating
39	All India Institute of Medical Sciences, Mangalagiri, Andhra Pradesh	3 Star	GRIHA Provisional Rating
40	Atal Residential School, Achharaund, Banda, Uttar Pradesh	3 Star	GRIHA Provisional Rating
41	Atal Residential School, Basevarai, Basti, Uttar Pradesh	3 Star	GRIHA Provisional Rating
42	ATAL Residential School, Gonda, Uttar Pradesh	3 Star	GRIHA Provisional Rating
43	Atal Residential School, Koraon, Prayagraj, Uttar Pradesh	3 Star	GRIHA Provisional Rating
44	Chandrapur Forest Academy of Administration, Development and Management, Chandrapur, Maharashtra	3 Star	GRIHA Provisional Rating

45	Commercial Colony (Lic.No.70of2008) Vista Square By Newzone Buildwell P Ltd., Sector 82A, Gurugram, Haryana	3 Star	GRIHA Provisional Rating
46	Construction for Upgradation of Darbhanga Medical College & Hospital under PMSSY (Ph. III)	3 Star	GRIHA Provisional Rating
47	Construction of Multilevel Car Parking in Saheed Nagar, Bhubaneswar, Odisha	3 Star	GRIHA Provisional Rating
48	Construction of Residential Complex at All India Institute of Medical Sciences, Kalyani	3 Star	GRIHA Provisional Rating
49	Development of Multi Level Car Parking with Integrated Commercial on DBOM Basis at Chennai Airport, Tamil Nadu	3 Star	GRIHA Provisional Rating
50	Establishment of New Medical College Attached with Existing, District/Referral Hospital (Phase-III)	3 Star	GRIHA Provisional Rating
51	Government Medical College, Super Specialty Block, Bhavnagar, Gujarat	3 Star	GRIHA Provisional Rating
52	HAL D TYPE QUARTERS (Phase-III)	3 Star	GRIHA Provisional Rating
53	Indian Institute of Skills (IIS) at Kanpur, Uttar Pradesh	3 Star	GRIHA Provisional Rating
54	Knowledge Centre and Research Centre Complex, Indian Institute of Technology Hyderabad, Telangana	3 Star	GRIHA Provisional Rating
55	Late Dilip Kapote Multi-Level Parking Building, Kalyan, Maharashtra	3 Star	GRIHA Provisional Rating
56	Married Student Hostel, IIT Hyderabad	3 Star	GRIHA Provisional Rating
57	OPD Block, AIIMS - Kalyani, West Bengal	3 Star	GRIHA Provisional Rating
58	Raj Mahal Square Multilevel Parking, Ashok Nagar, Bhubaneswar, Odisha 751009	3 Star	GRIHA Provisional Rating
59	Redevelopment of GPRA Colony at Sarojini Nagar New Delhi, SH: Construction of Commercial C	3 Star	GRIHA Provisional Rating
60	Residential Colony at Thyagraj Nagar, New Delhi	3 Star	GRIHA Provisional Rating

61	Shakuntala Rani Sardari Lal Oberoi State Cancer and Maternity, 300 bedded Hospital at Harrawala under National Health Mission, Dehradun, Uttarakhand	3 Star	GRIHA Provisional Rating
62	SRI KRISHNA MEDICAL COLLEGE & HOSPITAL,AT MUZAFFARPUR	3 Star	GRIHA Provisional Rating
63	Type B Quarters (B-25) Residential Building at IIT Bombay, Mumbai, Maharashtra	3 Star	GRIHA Provisional Rating
64	CONCOR Bhawan, Container Corporation of India Ltd, C-3, Mathura Road, New Delhi	3 Star	GRIHA EB
65	New Construction of U.G. Hostel for Medical Students for Medical College in S.S.G. Hospital Campus, Vadodara	3 Star	GRIHA EB
66	Development of Maa Samaleswari Temple Area and Riverfront Development Work under SAMALEI Plan on Turnkey Basis, Sambalpur, Odisha	3 Star	GRIHA Rating
67	Mahodadhi Market Complex, Puri, Odisha	3 Star	GRIHA Rating
68	Multi Level Car Parking at Sarojini Nagar Package (IX-A)	3 Star	GRIHA Rating
69	Odia University	3 Star	GRIHA Rating
70	Const Of 20 Du Defi Md Accn For Offrs at Bikaner Mil Stn, Rajasthan	3 Star	SVAGRIHA
71	Construction of Bank of India's Zonal Office building at Atal Nagar, Naya Raipur, Chattisgarh	3 Star	SVAGRIHA

List of GRIHA Exemplary Awards

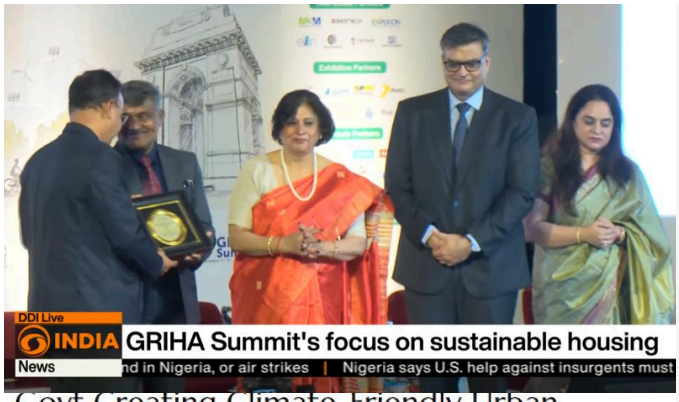
1	Passive Architecture Design	Akshat Jyoti, Bastar, Jagdalpur, Chattisgarh	SVAGRIHA	Winner
2	Integrated water management	NAC 2 Building at Indian Institute of Technology Madras, Chennai, Tamil Nadu	GRIHA	Winner

3	Energy Management	Proposed Terminal Building at Ayodhya Airport, Faizabad, Uttar Pradesh	GRIHA	Winner
4		C/o New Office Building for Income Tax Department at Plot No. 47, Arera Hills, Bhopal, Madhya Pradesh	GRIHA	Special Mention
5	Renewable Energy Utilization	Technology Development & Innovation Centre, Bhopal, Madhya Pradesh	GRIHA	Winner
6		Proposed Terminal Building at Ayodhya Airport, Faizabad, Uttar Pradesh	GRIHA	Special Mention
7	Sustainable Building Materials	State Guest House, Bodhgaya, Bihar	GRIHA	Winner
8	Workers Health & Safety	Group Housing, Sector 45, Noida	GRIHA	Winner
9		NILP Residential Project on Area Measuring 53.3833 Acres at Sector 79, Gurgaon, Haryana	GRIHA	Special Mention
10	Site Management (During Const.)	Construction of 195 nos. Type – VI & 105 nos. Type – VII quarters at MLA Colony & G.A. Land, Bhubaneswar, Orissa	GRIHA	Winner
11		Planning Designing Const IT Networking & Maintenance of Govt Medical College at Korba CG, Bilaspur, Chhattisgarh	GRIHA	Special Mention
12	Existing Day Schools	Mayoor School Ajmer, Ajmer, Rajasthan	GRIHA for Existing Schools	Winner
13		Cambridge School Srinivaspuri, New Delhi	GRIHA for Existing Schools	Special Mention
14		M.M. Public School PITAMPURA, New Delhi	GRIHA for Existing Schools	Special Mention
15		Delhi Public School ONGC, Nazira, Assam	GRIHA for Existing Schools	Special Mention
16	Decarbonizing Habitat Program Awards	Utkarsh Tower, Varanasi, Uttar Pradesh	-	Winner

GRIHA Felicitation of Sustainability Champions

1	National Buildings Construction Corporation (NBCC) India Limited
2	Pimpri Chinchwad Municipal Corporation (PCMC)
3	Bharat Petroleum Corporation Limited (BPCL)
4	Indian Oil Corporation Limited (IOCL)
5	Bangalore Metro Rail Corporation Limited (BMRCL)
6	Central Public Works Department (CPWD)
7	ABB India
8	Mr Debashish Das, LIC
9	M3M
10	Malviya National Institute of Technology, Jaipur
11	Indian Institute of Technology, Hyderabad
12	Indian Institute of Technology, Bombay
13	Kendrya Vidyalaya Samiti
14	Navodaya Vidyalaya Samiti
15	Airport Authority of India

IN The News



Govt Creating Climate-Friendly Urban Infrastructure: Housing & Urban Affairs Secy Katikithala

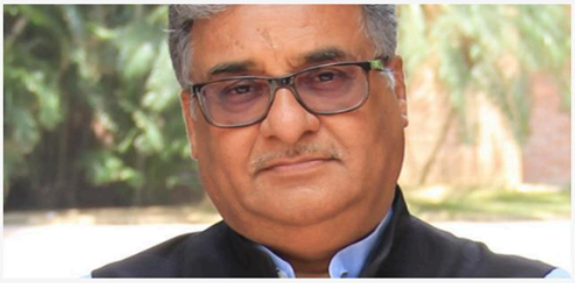
Housing and Urban Affairs Secretary Srinivas Katikithala on Monday said the government is focusing on creating climate and citizen-friendly urban infrastructure projects

PTI
Updated on: 3 November 2025 7:25 pm

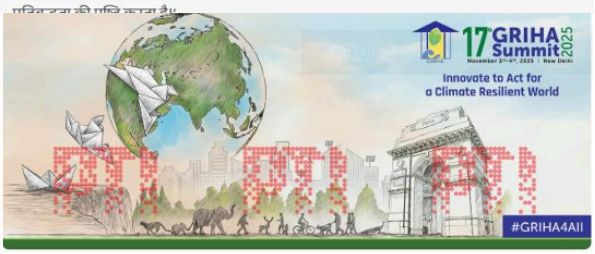

Union Housing and Urban Affairs Secretary Srinivas Katikithala Photo: X

इनोवेशन, आपसी सहयोग से दिया जा सकता है क्लाइमेट एक्शन को बढ़ावा : संजय सेठ

Edited By National Desk, Updated: 03 Nov, 2025 06:35 PM



नई दिल्ली/टीम डिजिटल। ग्रीन रेटिंग फॉर इंटीग्रेटेड हेबिटेट असेसमेन्ट काउन्सिल (GRIHA के उपाध्यक्ष एवं सीईओ संजय सेठ ने कहा है कि इनोवेशन और आपसी सहयोग से क्लाइमेट एक्शन को बढ़ावा दिया जा सकता है। राष्ट्रीय राजधानी में सोमवार से शुरू हुए 17वें गृह शिखर सम्मेलन को संबोधित करते हुए संजय सेठ ने कहा, "17वां समिट न सिर्फ बातचीत के लिए एक मंच है बल्कि यह भी दर्शाता है कि किस तरह इनोवेशन एवं आपसी सहयोग के द्वारा क्लाइमेट एक्शन को बढ़ावा दिया जा सकता है। यह सम्मेलन आधुनिक तकनीकों जैसे बिल्डिंग-इंटीग्रेटेड फोटोवोल्टिक्स तथा निर्माण जैसी रचनात्मक पहलों के माध्यम से साझेदारी की उस भावना को दर्शाता है, ग्लोबल नोर्थ एवं साउथ को एक साथ लाती है। जैसे-जैसे हम महत्वाकांक्षा से एक्शन की ओर बढ़ रहे हैं, यह सम्मेलन विचारों को प्रभाव में बदलने की



Global leaders to gather for 17th GRIHA Summit on 'Innovate to Act for a Climate Resilient World'

NEW DELHI: Global leaders are set to gather in New Delhi on November 3-4 for the 17th GRIHA Summit, themed 'Innovate to Act for a Climate Resilient World', to drive scalable climate solutions for India's built environment.

Organised by the GRIHA Council, the summit will feature over 50 eminent speakers across four plenary and four technical sessions, along with three innovation-driven exhibition pavilions, according to a statement issued by the organisers.

Discussions will focus on policy frameworks, technology advancements, market mechanisms, and partnerships to strengthen the resilience of cities, infrastructure, and communities.

एमओएचयूए और गृह काउन्सिल शहरों में स्थायित्व को बढावा देने के लिए तैयार : एमओएचयूए सचिव

साझीदारी अधिकार

नई दिल्ली, 03 नवम्बर। गृह (ग्रीन रेटिंग फॉर इंटीग्रेटेड हेबिटेट असेसमेन्ट) का प्रबन्धन करने वाली गृह काउन्सिल, जिसे भारत के अपने ग्रीन बिल्डिंग रेटिंग सिस्टम के रूप में जाना जाता है, ने नई दिल्ली में अपने प्रमुख कार्यक्रम गृहसमिट के 17वें संस्करण का उद्घाटन किया। 'इनोवेट टू एक्ट फॉर अ क्लाइमेट रेजिलिएन्ट वर्ल्ड' विषय पर आधारित इस सम्मेलन का उद्देश्य राष्ट्रीय एवं अंतर्राष्ट्रीय लीडर्स को एक मंच पर

जीवन में सुधार लाना भी है।

सम्मेलन को सम्बोधित करते हुए श्री संजय सेठ, वाईस प्रेजीडेन्ट एवं सीईओ,

पुष्टि करता है।

उद्घाटन समारोह में प्रतिष्ठित गणमान्य दिग्गज एवं सेक्टर के लीडर्स भी मौजूद

को बढ़ावा देने के लिए तैयार: एमओएचयूए सचिव

ल्ली। गृह (ग्रीन रेटिंग फॉर हेबिटेट असेसमेन्ट) का करने वाली गृह काउन्सिल, रत के अपने ग्रीन बिल्डिंग स्टम के रूप में जाना जाता ई दिल्ली में अपने प्रमुख गृहसमिट के 17वें संस्करण टन किया। हाइनोवेट टू एक्ट क्लाइमेट रेजिलिएन्ट वर्ल्डह्ल र आधारित इस सम्मेलन का ष्ट्रीय एवं अंतर्राष्ट्रीय लीडर्स मंच पर लाकर भारत के के लिए बड़े पैमाने पर अनुकूल समाधानों को ता है।

अवसर पर श्री श्रीनिवास थाला, माननीय सचिव, एवं शहरी मामलों के

गृहकाउन्सिल एवं टेरी के प्रति आभारी हूं, जिन्होंने स्थायित्व को बढ़ावा देने के लिए अपने प्रयासों को जारी रखा है। उनका काम हमें याद दिलाता है कि जलवायु परिवर्तन का लक्ष्य केवल पत्थास्थ शहरों का

लाना भी है।

सम्मेलन को सम्बोधित करते हुए श्री संजय सेठ, वाईस प्रेजीडेन्ट एवं सीईओ, गृहकाउन्सिल ने कहा, ह्य17वां समिट न सिर्फ बातचीत के लिए एक मंच है बल्कि यह भी

एक्शन को बढ़ावा दिया जा स है। यह सम्मेलन आधुनिक तकन जैसे बिल्डिंग-इंटीग्रे फोटोवोल्टिक्स तथा निर्माण उ रचनात्मक पहलों के माध्यम साझेदारी की उस भावना को दश है, ग्लोबल नोर्थ एवं साउथ को साथ लाती है।

जैसे-जैसे महत्वाकांक्षा से एक्शन की ओर रहे हैं, यह सम्मेलन विचारों प्रभाव में बदलने की प्रतिबद्धता पुष्टि करता है ह्ल

उद्घाटन समारोह में प्रतिष्ठित गणम दिग्गज एवं सेक्टर के लीडर्स मौजूद रहे, जिन्हें डॉ विभा धर महानिदेशक, टेरी एवं अध्यक्ष, काउन्सिल और श्री संजय सेठ, व

MoHUA And GRIHA Council Inaugurate 17th GRIHA Summit 2025 In New Delhi To Promote Climate-Resilient Urban Development

By S.S. Dev - 4th November 2025 130

Like 2

NBCC wins two 5-Star GRIHA Awards for sustainable infrastructure

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By THE NEWSMAN OF INDI
NBCC (India) Limited, a N
Central Public Sector En
under the Ministry of Housi
Urban Affairs, Government c
has been honoured wit
prestigious 5-Star GRIHA Aw
the 17th GRIHA Summit held
India Habitat Centre, New Del

The recognition was confer
NBCC's landmark projects –
Bhawan and Kaushal Bhawar
have been awarded the 5-Star
ratings for their exemplary ad
to sustainable and energy-effi
received by K. P. Mahadevasw
Secretary, Ministry of Housing and Urban Affairs.

During the event, NBCC was also felicitated for its continued collaboration with GRIHA Council. Expressi
gratitude, K. P. Mahadevaswamy appreciated GRIHA's efforts in promoting sustainability within India's b
environment and reiterated NBCC's commitment to environmentally responsible development.

NBCC's long-standing association with GRIHA is evident in several of its major projects including the redevelopm
of East Kidwai Nagar, New Delhi; AIIMS campuses at Nagpur and Kalyani executed through its subsidiary HSC
and the Vigyan Bhawan Annexe Extension, New Delhi—all of which have also been awarded GRIHA 5-Star ratin
Notably, the Integrated Exhibition-cum-Convention Centre (IECC) at Bharat Mandapam, the venue for the G
Summit 2023, stands as a hallmark of NBCC's excellence in sustainable infrastructure development.

GRIHA Council working with HFCs to incentivise sustainable construction practices: CEO Sanjay Seth

AGENCIES

NEW DELHI: GRIHA Council, which provides green building ratings, on Monday said it is working with housing finance firms for incentivising environment-friendly construction practices. The council noted that it has developed a new certification framework 'Awas Nirman GRIHA or JAN GRIHA' as part of its aim to promote affordable and sustainable housing at grassroots level. At the 17th edition of its flagship event 'The GRIHA Summit' being held here on November 3-4, the GRIHA Council launched 'GRIHA Infrastructure Rating for Metro Stations', a specialised framework curated in collaboration with Bangalore Metro Rail Corporation (BMRCL) to advance sustainability in India's expanding metro infrastructure network.

GRIHA Council administers GRIHA (Green Rating for Integrated Habitat Assessment), which is recognised as India's own green building rating system. Addressing the event, Sanjay Seth, Vice President and CEO of GRIHA Council, said, "Taking inspiration from the Ministry of Housing and Urban Affairs' commitment to affordable, sustainable and resilient housing, GRIHA Council has developed a new certification framework, Jan Awas Nirman GRIHA or JAN GRIHA."

This initiative aligns with the national goal of Net Zero 2070, and aims to democratise sustainability by reaching the grassroots level of India's built environment.

"To facilitate the adoption of JAN GRIHA certification, GRIHA Council is working with Housing Finance Corporations (HFCs), towards improving access to affordable home loans and incentivise sustainable construction practices," Seth said.

Rating for Integrated Habitat
em – inaugurated the 17th edition o
This year's theme, 'Innovate to Act
climate solutions for India's built
iders, innovators, and policymakers.

arns GRIHA Four-Star
able Excellence

Guwahati becomes one of the first green-RID-INDIA's commitment to sustainability,

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MoHUA और GRIHA काउन्सिल भारत के शहरों में स्थायित्व को बढ़ावा देने के लिए तैयार: MoHUA सचिव

To Know more

https://www.grihaindia.org/grihasummit/17th-grihasummit-assets/pdf/Coverage-report-17th-GRIHA-Summit.pdf

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