

'INNOVATE TO ACT FOR A CLIMATE RESILIENT WORLD'



20TH JUNE 2025



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Introduction

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. It must be coupled with resilience- the ability to respond, adapt, recover, and thrive in the face of shocks. Together, innovation and resilience form the bedrock for building a sustainable future.

As part of its continued commitment to advancing inclusive and climate-resilient infrastructure, GRIHA Council hosted its **7th Regional Conclave** centered around the theme **"Innovate to Act for a Climate Resilient World"** on **20th June 2025 at Radisson Blu Atria, Bengaluru**. This regional conclave formed an integral part of the lead-up to the prestigious national 17th GRIHA summit scheduled on 3rd – 4th November 2025 in New Delhi.

The regional conclave served as a platform to deliberate innovative and actionable strategies that can transform our climate ambitions into tangible outcomes. Recognizing the pivotal role of regional insights in shaping a resilient and sustainable future, the conclave brought together a diverse group of stakeholders- innovators, policymakers, industry leaders, architects, engineers, product manufacturers, researchers, and urban practitioners to convene for a day 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.

ABOUT GRIHA COUNCIL:

GRIHA, recognized as India's own rating system for sustainable habitats, was jointly developed by the Ministry of New and Renewable Energy (MNRE), Government of India and The Energy and Resources Institute (TERI).

GRIHA Council evaluates the environmental performance of a building holistically over its entire life cycle, thereby providing a definitive standard for green buildings and sustainable habitats. The Government of India has recognized 'GRIHA' as an indigenous tool to evaluate Greenhouse Gas (GHG) reduction from habitats under its obligations to mitigate climate change as contained in the Nationally Determined Contributions (NDCs) documentation submitted to the United Nations Framework Convention on Climate Change (UNFCCC). India, in its fourth biennial report submitted to the UNFCCC, has recognised GRIHA as India's own national rating system for green buildings.

Background

Bengaluru, the capital of Karnataka, stands as one of India's most prominent and rapidly growing metropolitan cities. Known as the 'Silicon Valley of India,' Bengaluru is a major hub for technology, innovation, and urban development. With its unique blend of traditional heritage and modern infrastructure, the city reflects the complexities and opportunities of contemporary urban growth in India. However, alongside its economic success and global recognition, Bengaluru is facing significant environmental and infrastructural challenges. The city's rapid urbanization has placed immense pressure on natural ecosystems, public services, and urban infrastructure.

Bengaluru, once known as the "City of Lakes," is now grappling with severe environmental stress due to rapid urbanization. The degradation of water bodies, declining green cover, and overextraction of groundwater have intensified the city's vulnerability to water scarcity. Meanwhile, waste management remains a critical concern, with daily waste generation far outpacing the city's collection and processing capacity. Unsegregated waste continues to overwhelm landfills, while construction and demolition debris is often mismanaged, adding to the environmental burden.

Urban mobility presents another major challenge. Bengaluru's road infrastructure is struggling to accommodate a rapidly growing number of vehicles, leading to chronic traffic congestion, long commute times, and rising air pollution. Limited public transport coverage, poor last-mile connectivity, and inadequate pedestrian infrastructure have hindered a shift to sustainable transport options—fuelling continued dependence on private vehicles and further straining the city's liveability.

In response to these growing challenges, Bengaluru has undertaken several forward-looking initiatives aimed at promoting green infrastructure and sustainable urban development. As part of the Smart Cities Mission, the city has implemented technology-driven solutions for traffic management, waste collection, and public service delivery. Efforts are also underway to expand sustainable urban mobility through electric vehicle adoption, integrated public transport systems, and improvements in pedestrian and cycling infrastructure.

Bengaluru has also prioritized water-sensitive urban design and stormwater management through lake rejuvenation projects and decentralized wastewater treatment systems. In the built environment, the city is advancing energy-efficient construction through the adoption of national frameworks like the Energy Conservation Building Code (ECBC).

As a leading smart city, Bengaluru is working to embed sustainability across all aspects of its urban expansion. The focus goes beyond digital innovation to include climate resilience, resource efficiency, and low-carbon development.

The GRIHA Regional Conclave in Bengaluru served as a key platform to deliberate on innovative solutions for climate action in the built environment. Bringing together policymakers, urban planners, architects, developers, and sustainability experts, the conclave fostered discussions on best practices and region-specific strategies to enhance resilience against climate change. With the theme "Innovate to Act for a Climate Resilient World," the conclave aligned with Bengaluru's vision for sustainable urban development, focusing on resource efficiency, climate adaptation, and carbon reduction.

In collaboration with state authorities and industry leaders, the event reinforced Bengaluru's role as a forerunner in sustainable development, highlighting its potential to set an example for other growing cities in India.

Acknowledgements

At the outset, GRIHA Council would like to extend our deepest gratitude to the Government of Karnataka and Bruhat Bengaluru Municipal Corporation for their unwavering support and invaluable contribution to the success of the GRIHA Regional Conclave, Bengaluru.

We are extremely thankful to the eminent dignitaries who graced the event with their esteemed presence **Shri Dinesh Gundu Rao**, Hon'ble Minister for Health & Family Welfare Department, Government of Karnataka, **Smt. Snehal. R, IAS**, Bruhat Bengaluru Mahanagara Palike (BBMP), Zonal Commissioner (East), **Shri. Rizwan Arshad**, Member of the Karnataka Legislative Assembly, Government of Karnataka, and **Smt. Rajeshwari S. Basur I/C**, Chief Architect, Public Works Department, Government of Karnataka.

Their presence and insights played a pivotal role in advancing the discourse on sustainability and climate resilience.

Special gratitude to all our **dignitaries**, **moderators** and **speakers** for their insightful contributions across various facets of sustainability. We are grateful to our partners, including government partners, institutional partners, industry partners, multilateral partners, associate partners, and media partners, for their steadfast support throughout the GRIHA Regional Conclave.

Our sincere appreciation is also extended to our **Event Partner - ASAI** for their pivotal role in the seamless organization of the GRIHA Regional Conclave in Bhubaneswar.

The success of the event was further enriched by the active participation and engagement of our esteemed delegates, who contributed to a plethora of enriching discussions. We express our heartfelt thanks to all participants and guests for their invaluable role in making the event a success.

Lastly, we convey our profound gratitude and admiration for the visionary leadership provided by **Dr. Vibha Dhawan, President, GRIHA Council, and Director General, TERI,** whose commitment has guided us on a journey towards a greener India.

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Agenda

'Innovate to Act for a Climate Resilient World'

Date: 20th June 2025 Venue: Radisson Blu Atria, Bengaluru

0900 – 1000 hrs.	Registration
1000 – 1100 hrs.	Inaugural Session Lighting the lamp Welcome Address Release of GRIHA Publication & JAN GRIHA Online Tool Special Address Keynote Address Inaugural Address GRIHA Award Ceremony GRIHA Updates Vote of Thanks
1100 – 1130 hrs.	Pitch Booth & Networking Tea/Coffee
1130 – 1300 hrs.	Plenary Session 1: Drops of Change: Innovative Solutions to Water Woes
1300 – 1400 hrs.	Networking Lunch
1400 – 1530 hrs.	Plenary Session 2: Waste Not, Want Not: Path to Sustainable Waste Management
1530 – 1600 hrs.	Pitch booth & Networking Tea/Coffee
1600 – 1730 hrs.	Plenary Session 3: Navigating Namma Bengaluru: Steering Towards Sustainable Mobility
1730 – 1800 hrs.	High Tea
1800 – 1900 hrs.	 Valedictory Welcome Address Special Address Keynote Address Signing of Memorandum of Understanding Valedictory Address GRIHA Felicitation ceremony Vote of Thanks
1900 – 1930 hrs.	Cultural Evening
1930 hrs. onwards	Dinner Reception

Detailed Agenda

'Innovate to Act for a Climate Resilient World'

Date: 20th June 2025 Venue: Radisson Blu Atria, Bengaluru

0900 – 1000 hrs.	Registration				
	Inaugural Session Lighting the Lamp Welcome Address				
	Shri Sanjay Seth, Vice President & Chief Executive Officer, GRIHA Council & Senior Director, Sustainable Infrastructure Programme, TERI, New Delhi.				
	Special Address: Smt. Janet Joseph, Lead – Corporate Social Responsibility (Practice),				
	Mercedes-Benz Research and Development India (MBRDI) Release of GRIHA Publication & JAN GRIHA Online Tool				
	Keynote Address: Shri Rajesh Jha, Country Environment & Sustainability Manager, ABB India Ltd.				
1000 – 1100 hrs	Inaugural Address Shri Dinesh Gundu Rao, Hon'ble Minister for Health & Family Welfare Department, Government of Karnataka				
	GRIHA Felicitation Ceremony				
	GRIHA Updates & Vote of Thanks:				
	Smt. Shabnam Bassi, Deputy Chief Executive Officer & Secretary, GRIHA				
	Council & Director, Sustainable Buildings Division, TERI, New Delhi.				
1100 – 1130 hrs.	Pitch Booth & Networking Tea/Coffee				
	Plenary Session 1:				
	Drops of Change: Innovative Solutions to Water Woes				
	Like many fast-growing urban centres, Bengaluru is grappling with an escalating water crisis. Once celebrated as the "City of Lakes," the city's rapid transformation into India's Silicon Valley has come at a significant environmental cost. Groundwater levels have declined sharply, surface water bodies are increasingly polluted, and the demand for water now far exceeds available supply. The loss of green cover and the degradation or disappearance of many lakes have further compounded the problem.				
	This session aims to examine the roots of Bengaluru's water challenges and explore strategies for long-term resilience. Discussions will focus on integrating traditional water management practices with modern				

infrastructure, restoring and protecting existing lakes, and embedding watersensitive approaches into urban planning. The role of policy reforms, technological innovation, and sustainable financing models will also be addressed as key enablers of change.

1130 - 1300 hrs

By fostering collaboration between urban planners, policymakers, water experts, and local communities, this session seeks to chart a path toward sustainable water management. Emphasis will be placed on the impact of small, innovative interventions in driving broader systemic change — ultimately ensuring a more water-secure future for Bengaluru.

Thematic address: Shri. Vishwanath S, Founder & Director, Biome Environmental Solutions Pvt. Ltd.

Moderator: **Smt. Shabnam Bassi,** Deputy Chief Executive Officer & Secretary, GRIHA Council & Director, Sustainable Buildings Division, TERI

Panellists:

- Dr. Bramha Dutt Vishwakarma, Assistant Professor, Interdisciplinary Centre for Water Research (ICWaR), Indian Institute of Science (IISc)
- Mr Rajesh Jha, Country Environment & Sustainability Manager, ABB India Ltd.
- Shri. Sunil Mysore, CEO Hinren Engineering Pvt Ltd.
- Shri. Ganesh Shankar, Founder and CEO FluxGen Technologies

1300 - 1400 hrs

Lunch Break

Plenary Session 2:

Waste Not, Want Not: Path to Sustainable Waste Management

As Like many major Indian cities, Bengaluru faces a mounting waste management crisis. The city's daily waste generation has surged manifolds, yet the infrastructure to manage this volume remains insufficient. A significant portion of the waste ends up in landfills, some of which have been linked to environmental violations and public health concerns. Efforts to segregate waste at the source have been largely ineffective, with inadequate collection systems in many parts of the city. Construction and demolition (C&D) waste adds to the problem, as designated collection sites are underutilized, and processing plants struggle due to inconsistent supply.

This session aims to delve into Bengaluru's waste management challenges, exploring root causes and identifying innovative solutions. Discussions will focus on the importance of decentralized waste processing, enhancing recycling initiatives, and the role of policy reforms in promoting sustainable practices. Community engagement and awareness will also be highlighted as crucial components in addressing the city's waste woes. By fostering collaboration among policymakers, urban planners, environmental experts, and citizens, this session seeks to pave the way for a cleaner, more sustainable Bengaluru. The goal is to transform the city's waste management landscape, ensuring a healthier environment for current and future generations.

1400-1530 hrs

Thematic address: Smt. Snehal. R, IAS, Bruhat Bengaluru Mahanagara Palike (BBMP), Zonal Commissioner (East)

Moderator: Shri. Anupam Buttan, Senior Manager, GRIHA Council, New Delhi

Panellists:

- Smt. Shobha Raghavan, Chief Executive Officer (CEO) SaahasZero Waste
- Smt. Nalini Shekar, Co-founder of Hasiru Dala
- Shri. Pushkara S V, Senior Manager, Indian Institute for Human Settlements
- Dr. Manjunatha L R, Vice president and Head -Business Development
 & Specifications, JSW Cement
- Shri. Gopinath Udayakumar, Sustainability Manager, Saint- Gobain India Private Limited – Glass business

1530 - 1600 hrs.

Pitch Booth & Networking Tea/Coffee

Plenary Session 3:

Navigating Namma Bengaluru: Steering Towards Sustainable Mobility

Bengaluru, once cherished as a "Pensioner's Paradise," has transformed into India's bustling tech capital. This rapid urbanization has led to significant traffic congestion, primarily due to narrow roads and an ever-growing fleet of vehicles. The city's infrastructure has struggled to keep pace with its expansion, resulting in daily gridlocks and substantial economic losses. Moreover, challenges like unreliable bus services, inadequate last-mile connectivity, and limited pedestrian infrastructure hinder the shift from private to public transport.

1600-1730 hrs

Addressing these challenges necessitates a comprehensive understanding of Bengaluru's mobility issues and the exploration of potential solutions. Community-led initiatives have shown promise in promoting sustainable transport options. Policy interventions are crucial to regulate the growth of private vehicles and to encourage the use of public transportation. Identifying actionable strategies to enhance the reliability and accessibility of public transit systems is imperative. Furthermore, recommendations for policy reforms and infrastructure development are essential to support sustainable urban mobility. Fostering collaboration among stakeholders—including policymakers, urban planners, industry leaders, and citizens—is vital to implement effective mobility solutions. This session aims to serve as a platform for dialogue and collaboration, paving the way for a more sustainable and inclusive transportation ecosystem in Bengaluru.

	Moderator: Shri Sanjay Seth, Vice President & Chief Executive Officer, GRIHA Council & Senior Director, Sustainable Infrastructure Programme, TERI			
	Panellists:			
	 Dr. Ashish Verma, Professor of Transportation Systems Engineering, Indian Institute of Science (IISc) Dr. Monika Kashkari, Special Officer, Directorate of Urban Land Transport, Government of Karnataka Shri. Srinivas Alavilli, Fellow- Integrated Transport and Road Safety, World Resources Institute (WRI) India Shri. Ashish Kapoor, Chief Architect, Bangalore Metro Rail Corporation Limited (BMRCL) 			
	Shri. Anuj Tewari, Co-Founder & Chief Financial Officer, Yulu			
1730 hrs Onwards	Networking Break			
1800 – 1900 hrs	Valedictory Session and GRIHA Felicitation Ceremony Welcome Address Shri. Sanjay Seth, Vice President & Chief Executive Officer, GRIHA Council & Senior Director, Sustainable Infrastructure Programme, TERI, New Delhi. Keynote Address: Smt. Rajeshwari S. Basur I/C, Chief Architect, Public Works Department, Government of Karnataka Signing of Memorandum of Understanding Valedictory Address Shri. Rizwan Arshad, Member of the Karnataka Legislative Assembly, Government of Karnataka GRIHA Felicitation Ceremony Vote of Thanks: Smt. Shabnam Bassi, Deputy Chief Executive Officer & Secretary, GRIHA Council & Director, Sustainable Buildings Division, TERI, New Delhi.			
1900 – 1930 hrs	Cultural Evening			
1930 hrs onwards	Dinner Reception			
Closing of GRIHA Regional Conclave				

Inaugural Session

Welcome Address

Shri Sanjay Seth, Vice President and CEO, GRIHA Council and Senior Director, Sustainable Infrastructure Programme, TERI

He stated, "Karnataka is one of the states in India to notify the Energy Conservation Building Code (ECBC) in 2014, setting a benchmark for energy-efficient construction.

This progressive move will significantly reduce energy consumption in buildings and support the state's climate commitments."

He continued "India is emerging as a global leader in climate action by advancing inclusive clean energy transitions and policy innovations. Despite varied development challenges, India is shaping a sustainable path that balances growth with environmental stewardship."



Special Address



Smt. Janet Joseph, Lead — Corporate Social Responsibility (Practice), Mercedes-Benz Research and Development India (MBRDI), emphasized that true progress lies in smart, sustainable choices, climate-resilient and inclusive development through collaborations."

She further stated," The future of our world doesn't depend on how fast we move, it depends on how smart and sustainable we are along the way.It's about individuals like you and me— who can choose electric over emissions, purpose over prestige—coming together in spaces like this to share ideas and drive meaningful action. Through our collaboration with TERI, GRIHA Council and other key partnerships, we are committed to supporting projects that are bold, forward-thinking, and that help build a more inclusive, climate-resilient, and sustainable future for all."

Keynote Address

Shri Rajesh Jha, Country Environment & Sustainability Manager, ABB India Ltd., highlighted how ABB's collaboration with TERI and GRIHA played a crucial role in assessing water usage at the Nelamangala campus and in implementing effective reduction and conservation measures, ultimately contributing to its recognition as India's first certified water-positive campus.

He further added, "The result of ABB's comprehensive water stewardship project at the Nelamangala campus—which includes rainwater harvesting, wastewater recycling, drought-tolerant landscaping, and real-time monitoring—is a remarkable water positivity index of 1.24. This signifies that the campus recharges more water than it consumes. This achievement goes beyond infrastructure—it represents a fundamental shift in how we view water: not as a finite resource to be depleted, but as a regenerative asset to be managed responsibly."



Inaugural Address



Shri. Dinesh Gundu Rao, Hon'ble Minister for Health & Family Welfare Department, Government of Karnataka, emphasized the need to balance growth with sustainability and expressed the government's willingness to collaborate with GRIHA to integrate sustainable practices and expertise into public sector initiatives.

"Climate change is not just an environmental issue— it has a profound impact on our people, our livelihoods, and our way of life. The real challenge lies in finding the right balance. How do we pursue economic growth, invest in development, and increase productivity without compromising our environment or eroding our cultural heritage? That's the equilibrium we must strive for."

He further stated, "As a representative from the Government, I am fully committed to collaborating with experts and institutions like GRIHA Council. I extend an open invitation for them to engage with our departments — to share their expertise, insights, and knowledge — so we can align our policies and projects with sustainable practices."

GRIHA Updates & Vote of Thanks

Smt. Shabnam Bassi, Deputy CEO & Secretary, GRIHA Council & Director, Sustainable Buildings Division, TERI, New Delhi, highlighted Karnataka's leadership in clean energy, exemplified by its ambitious Renewable Energy Policy (2022–27), aligns with GRIHA's sustainability goals.

"Karnataka has long been a leader in environmental innovation. Under its Renewable Energy Policy (2022–27), the state aims to become a hub for clean energy generation and manufacturing—targeting 10 GW of new capacity, including 1 GW from rooftop solar, by 2027."

She further added that: "The thematic discussions throughout the day will centre on some of the most urgent urban sustainability challenges confronting the city. From addressing the growing water crisis—driven by vanishing lakes, depleting groundwater, and inadequate infrastructure—to tackling the mounting issues of solid and construction waste, the sessions will explore a range of solutions including decentralized waste processing, community-led conservation, improved segregation, and recycling innovations. Equally important will be the dialogue on sustainable mobility."





Lighting lamp ceremony of the Bengaluru Regional Conclave : Smt. Shabnam Bassi, Shri Dinesh Gundu Rao, Shri. Sanjay Seth, Shri Rajesh Jha, Smt. Janet Joseph (From Left to Right)



Inaugural Session : Shri Rajesh Jha, Smt. Shabnam Bassi, Shri Dinesh Gundu Rao, Shri. Sanjay Seth, Smt. Janet Joseph (From Left to Right)



Felicitation of Shri Dinesh Gundu Rao, Hon'ble Minister for Health & Family Welfare Department, Government of Karnataka, by GRIHA Council



Inaugural address by Shri Dinesh Gundu Rao, Hon'ble Minister for Health & Family Welfare Department, Government of Karnataka.



Program was hosted by Ms. Veena N, Senior Project Officer, GRIHA Council



Successful completion of inaugural session

Plenary Session 1

" Drops of Change: Innovative Solutions to Water Woes "

This session highlighted the role of actionable strategies for sustainable water management in Bengaluru by integrating traditional practices with modern infrastructure, promoting lake restoration, and embedding water-sensitive approaches into urban planning. It also fostered collaboration among stakeholders, highlight innovative and scalable solutions, and recommend policy and financing models to ensure long-term water resilience for the city.



Thematic Address



Shri. Vishwanath S, Founder & Director, Biome Environmental Solutions Pvt. Ltd.

During the thematic address, he stressed the need to treat groundwater as a common state resource, supported by a clear management framework.

He stated "Our relationship with groundwater is dangerously unsustainable. We dig borewells blindly, without understanding how aquifers work or how long they take to replenish. The solution lies in science and stewardship—mapping aquifers, understanding recharge cycles, and using filtered rainwater or treated wastewater to feed them back."

He called upon stakeholders—government agencies, communities, researchers, and industries—to collaborate in adopting integrated and informed water management practices.

Moderator

Smt. Shabnam Bassi, Deputy CEO and Secretary, GRIHA Council and Director, Sustainable Buildings Division, TERI.

She posed a thought-provoking question about Bengaluru's water crisis, emphasizing the need to understand its root causes—from ecological degradation to gaps in urban planning. She also raised: What multidisciplinary approaches are required to address these foundational issues, and which long-term strategies— whether policy-driven, technological, or community-led—hold the greatest promise for building a resilient and water-secure Bengaluru.





Dr. Bramha Dutt Viswakarma, Assistant Professor, Interdisciplinary Centre for Water Research (IWaR), IISc

He stated that despite substantial research demonstrating that efficiently treated wastewater can match the quality of drinking water, there remains significant public resistance to its adoption. This hesitation largely stems from a lack of awareness and understanding about the safety and benefits of treated water.

He also emphasized the need for policymakers to take a proactive role in educating the public and normalizing the use of treated wastewater by integrating it into the broader urban water management system.

Shri. Rajesh Jha, Country Environment & Sustainability Manager, ABB India Ltd.

He underscored the growing emphasis on rainwater harvesting and the critical role that decentralized recharge systems can play in improving local water security.

He emphasized, "with proper planning and design, these systems can support data-driven decision-making to enhance the efficiency, sustainability, and responsiveness of water management practices."

He also stressed the need for real-time monitoring of leakages and system performance, urging policymakers to prioritize these measures.





Shri. Sunil Mysore, CEO, Hinren Engineering Pvt Ltd.

He highlighted "Rainwater harvesting is a straightforward and proven technology, but its impact is often limited by the widening gap between water demand and available supply. The Karnataka government has made notable strides in promoting rainwater harvesting, reflecting a strong commitment to sustainable water management. Robust institutional interventions, periodic maintenance, and continuous performance monitoring must be prioritized to ensure that existing rainwater harvesting systems function efficiently and contribute meaningfully to the region's long-term water security."



Shri. Ganesh Shankar, Founder and CEO, Fluxgen Technologies

He stated "Addressing the water crisis requires a collaborative and consensus-driven approach that brings together all stakeholders—government, industry, communities, and experts. To facilitate this, the adoption of frameworks like GRIHA must become more widespread, helping to create a standardized, level playing field rooted in reliable and transparent data. Ensuring transparency and responsibility at every stage of the water management process is essential for achieving lasting and meaningful water sustainability."



Smt. Shabnam Bassi, Shri. Vishwanath S, Shri. Rajesh Jha, Dr. Bramha Dutt Viswakarma, Shri. Sunil Mysore and Shri. Ganesh Shankar (from Left to Right)

Plenary Session 2

"Waste Not, Want Not: Path to Sustainable Waste Management"

The session highlighted key gaps in Bengaluru's waste management system, including the need for decentralized processing, better segregation, and stronger recycling efforts. Outcomes included policy recommendations to improve infrastructure and enforcement, alongside strategies to boost community participation and cross-sector collaboration.



Thematic Address



Smt. Snehal. R, IAS, Bruhat Bengaluru Mahanagara Palike (BBMP) Zonal Commissioner (East)

She stated "Approximately 60% of waste in Bengaluru continues to be delivered in an unsegregated form. Strict enforcement, ongoing citizen education, and active community partnerships remain priorities to improve segregation and compliance."

She highlighted waste management is a shared responsibility, stressing the need for collaboration among governance, citizens, and civil society.

Moderator

Shri. Anupam Buttan, Senior Manager, GRIHA Council, New Delhi.

He emphasized highlighting Bengaluru's growing waste crisis and invited panellists to identify critical gaps in the current system. He also explored the role of industry in managing C&D waste and advancing circular economy practices. He stated, "waste is not the problem—but we the humans are," underscoring the need for behavioural change and accountability.





Smt. Shobha Raghavan, CEO SaahasZero Waste.

She stated "Segregation at source remains critical. Waste cannot be treated simply as garbage. Recycling quality, for instance, depends heavily on how efficiently waste is segregated. A good example is milk packets: if not rinsed before disposal, they often become non-recyclable and end up as waste."

She emphasized that waste management must go beyond segregation to focus on reducing waste at the source and highlighted the need to curb single-use plastics.

Smt. Nalini Shekar, Co-founder of Hasiru Dala

She stated "Bengaluru's waste pickers, plays a key role in the city's decentralized recycling system. Their expertise in sorting dry waste supports the operation of 141 Dry Waste Collection Centres (DWCCs), each handling 2 to 4.5 tonnes daily. Bengaluru was the first Indian city to formalize this partnership through an MoU with waste picker collectives, ensuring dignified livelihoods and structured engagement."

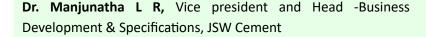




Shri. Pushkara S V, Senior Manager, Indian Institute for Human Settlements

He stated, "Waste management policies must be peoplecentric, ensuring that communities are not just governed, but actively involved in the process."

He highlighted that lasting change in waste management requires educating the public not just on how to segregate waste, but on why it matters. He noted that visible improvements—such as punctual waste collection and professional conduct of waste workers—can build public trust and significantly improve segregation practices



In his discussion he stated "The cement industry has evolved to utilize processed plastic, which contributes to a reduction of approximately 1 lakh metric tonnes of carbon emissions.

Installing collection points in every building and residential society is essential to ensure a steady and organized supply of plastic waste for recycling within the industry."



Shri. Gopinath U, Sustainability Manager, Saint-Gobain India Private Limited – Glass business

He stated "In the case of glass, the typical recycled content is around 20%, but our goal is to increase this to 40%. However, a major challenge arises at the end of a building's life—while metal scrap is often salvaged, glass is frequently discarded due to a lack of awareness and infrastructure for its recycling."

He underscored the importance of promoting deconstruction over demolition and embedding recycling awareness within construction and waste management practices.





Shri. Anupam Buttan, Smt. Snehal. R, IAS, Smt. Shobha Raghavan, Smt. Nalini Shekar, Shri. Pushkara S V, Dr. Manjunatha L R, Shri. Gopinath U (From Left to Right)



Shri. Anupam Buttan, Smt. Snehal. R, IAS, Smt. Shobha Raghavan, Smt. Nalini Shekar, Shri. Pushkara S V, Dr. Manjunatha L R, Shri. Gopinath U (From Left to Right)

Plenary Session 3

"Navigating Namma Bengaluru: Steering Towards Sustainable Mobility"

The session addressed Bengaluru's mounting mobility challenges, including traffic congestion, inadequate public transport, and poor last-mile connectivity. It emphasized the need for policy reforms, community initiatives, and stakeholder collaboration to promote reliable, inclusive, and sustainable transportation solutions.



Moderator



Shri Sanjay Seth, Vice President & CEO, GRIHA Council & Senior Director, Sustainable Infrastructure Programme, TERI.

In the session he highlighted last-mile connectivity as a major barrier to promoting sustainable transport in Bengaluru. Drawing comparisons with global cities, it was noted that integrated, user-friendly, and affordable public transport systems reduce dependence on private vehicles. The need for data-driven governance was also emphasized, with speakers advocating for the use of reliable mobility data to identify service gaps, optimize routes, and design inclusive, efficient transport networks.

Dr. Ashish Verma, Professor of Transportation Systems Engineering at Indian Institute of Science (IISc).

He emphasized "the current focus is on building a robust base of data-driven, empirical evidence that highlights what works—and what doesn't—in promoting sustainable transport in a complex city like Bengaluru. The aim is to create a well-balanced infrastructure mix that supports sustainable mobility— where 80% of all trips in Bengaluru are made through public transport, walking, or cycling."





Shri. Srinivas Alavilli, Fellow- Integrated Transport and Road Safety, World Resources Institute (WRI) India

He stated "Over the past two years, public transport ridership in Bengaluru has increased by 30%, showing a clear shift in behaviour. The goal now is to make public transport reliable, affordable, and easy to access."

He highlighted that the progress in multimodal planning enabled by BMTC and BMRCL's open data, with efforts underway to improve last-mile connectivity, especially for IT commuters. Notably, 25% of airport trips are still made by bus, showcasing the potential of accessible public transport. He emphasized that sustainable mobility must be driven by transparency, integration, and collaboration across government, citizens, and private stakeholders.

Shri. Ashish Kapoor, Chief Architect, Bangalore Metro Rail Corporation Limited (BMRCL)

He stated "To truly encourage walking and cycling, we must also rethink how we plan our urban spaces. Densifying development around metro stations can create compact, accessible neighbourhoods where people choose to walk, not drive."

He highlighted that achieving sustainable urban mobility in Bengaluru requires a fundamental reimagining of how buildings, streets, and public spaces are designed. Emphasis was placed on creating safe, inclusive, and people-centric environments where sustainable transport becomes the most convenient and accessible choice.





Shri. Anuj Tewari, Co-Founder & Chief Financial Officer, Yulu.

He emphasized "First and last-mile connectivity is a critical component of sustainable urban mobility. In a city like Bengaluru, the focus must be on developing multimodal transport systems that seamlessly integrate metro, bus, and non-motorized options. Solutions like cycle rickshaws and electric mobility are already being adopted for short-distance travel and for supporting e-commerce and food delivery sectors. These interventions have already helped save over 2,000 tonnes of carbon emissions, demonstrating that such models are not only environmentally beneficial but also economically viable, scalable, and sustainable."

Dr. Monika Kashkari, Special Officer, Directorate of Urban Land Transport, Government of Karnataka

She emphasized "Safe mobility planning must be bottom-up. The community plays a crucial role in identifying requirements and shaping solutions that work for their context. Pilots have shown that when residents, agencies, and institutions collaborate, real change is possible".

She highlighted the dual need for infrastructure development and cultural transformation to support sustainable mobility in Bengaluru. BBMP's initiative to build 214 km of dedicated cycling pathways across eight zones was highlighted, with a strong focus on pedestrian and cyclist safety.





Shri. Sanjay Seth, Dr. Monika Kashkari, Shri. Ashish Kapoor, Shri. Anuj Tewari, Dr. Ashish Verma, Shri. Srinivas Alavilli (From Left to Right)



Shri. Sanjay Seth, Shri. Ashish Kapoor, Shri. Anuj Tewari, Dr. Monika Kashkari, Dr. Ashish Verma, Shri. Srinivas Alavilli (From Left to Right)

Valedictory Session

Welcome Address

Shri. Sanjay Seth, Vice President & CEO, GRIHA Council & Senior Director, Sustainable Infrastructure Programme, TERI, New Delhi

He acknowledged the remarks shared by Shri Dinesh Gundu Rao, Hon'ble Minister, on balancing development with environmental and cultural preservation, noting the government's openness to collaborate with GRIHA in advancing sustainable initiatives.

He highlighted that the launch of GRIHA Publications and the JAN GRIHA Online Tool are key steps towards mainstreaming sustainability. He concluded with a call for lasting collaborations and commitments beyond the conclave.



Keynote Address



Smt. Rajeshwari S. Basur I/C, Chief Architect, Public works department, Government of Karnataka.

She stressed "Public infrastructure – whether it's buildings, roads or institutions – should lead the way in sustainable design. This is where the role of GRIHA council becomes crucial to make sure our projects are climate – responsive and independently validated."

Valedictory Address

Shri. Rizwan Arshad, Member of the Karnataka Legislative Assembly, Government of Karnataka

He stated "We're getting closer to a point where the damage to our environment can't be undone. Sustainability has to be part of how we govern every day. This is why we must continue to bring this conversation into the mainstream and support platforms like GRIHA that unite policymakers."

He further added, "Cities like Bengaluru are growing very fast, but without a better plan, things are only going to get harder. We need a fresh approach on how to govern our cities — one that puts environment at the centre, not at the margins."



Vote of Thanks



Smt. Shabnam Bassi, Deputy CEO & Secretary, GRIHA Council & Director, Sustainable Buildings Division, TERI, New Delhi.

She stated "Karnataka's collaboration with the ClimateRISE Alliance underscores its commitment to climate resilience—championing initiatives like integrated water management, green building practices, and low-carbon mobility. These efforts are helping shape cities that are climate-smart and future-ready, a vision that GRIHA deeply shares".

She highlighted the GRIHA Regional Conclave as a vital platform for building partnerships, fostering collaboration, and raising awareness about sustainable development. She noted that by bringing together policymakers, practitioners, researchers, and local leaders, the conclave plays a key role in translating climate commitments into region-specific actions.

She concluded with a heartfelt vote of thanks, acknowledging the valuable contributions of all speakers, partners, and participants whose insights and collaboration helped shape a meaningful dialogue on advancing sustainable development.



Smt. Shabnam Bassi, Smt. Rajeshwari S. Basur, Shri. Rizwan Arshad, Shri. Sanjay Seth (From Left to Right)

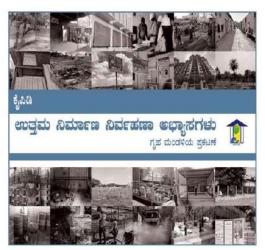
Release of GRIHA Publications

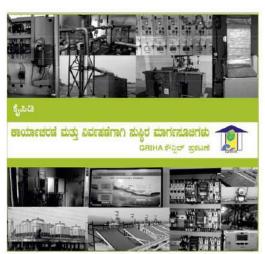
Sustainable Guidelines for Design Implementation, Construction Management

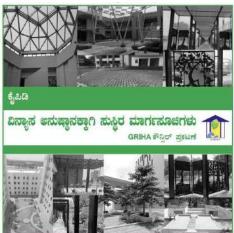
During the conclave the following set of guidelines were officially launched in the regional language Kannada.

- Sustainable Guidelines for Design Implementation
- Sustainable Guidelines for Construction Management
- Sustainable Guidelines for Operation and Maintenance

These manuals provide comprehensive strategies for designing, constructing, and maintaining green buildings, thereby covering the entire building lifecycle.







A GRIHA Council Publication – Set of Manuals on Sustainable Guidelines for Design Implementation, Construction Management and Operation and Maintenance was released during the inaugural session of GRIHA Regional Conclave

Acknowledging the importance of accessibility and regional inclusivity, the manuals are being translated into various local languages. The Kannada edition was launched during the Conclave, representing a major stride in promoting sustainability at the grassroots level. Additional language versions are in the pipeline, aiming to extend sustainable practices to diverse communities across India.

Launch of JAN GRIHA Online Panel

JAN (Jan Awas Nirman) GRIHA Online Panel

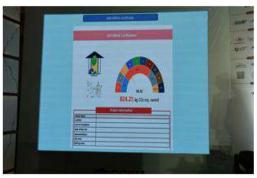
During the conclave JAN GRIHA Online Panel was officially launched. This platform offers step-by-step guidance on JAN GRIHA certification and features an integrated dashboard for tracking sustainability performance, ensuring transparency and informed decision-making.

Recognizing the urgency of climate change and the pressing need for sustainable, affordable, standalone housing in India, GRIHA Council has introduced a new certification—Jan Awas Nirman GRIHA (JAN GRIHA) Certification. This initiative is specifically designed for small, low-cost residential buildings with a built-up area of 200 m² or less. The JAN GRIHA certification aims to:

- Promote sustainability at the grassroots level.
- Acknowledge and support the efforts of low-income communities in embracing sustainable practices and,
- Motivate individuals to make informed choices that help reduce their carbon footprint.







JAN GRIHA Online Panel was officially launched during the inaugural session of GRIHA Regional Conclave

This step marks a significant move toward inclusive and climate-resilient development across the country.

Signing of Memorandum of Understanding (MoU)

At the GRIHA Regional Conclave in Bengaluru, a landmark MoU was signed between **GRIHA Council** and **FluxGen Technologies**, to enhance data-driven sustainability in existing and new projects, thereby driving scalable impact in water efficiency and resource conservation across the built environment. This partnership is a strong step towards making data-backed water stewardship the new normal in India's sustainability journey — combining real-time analytics with nationally recognized benchmarks.







Shri. Sanjay Seth, CEO, GRIHA Council and Shri. Ganesh Shankar, Founder and CEO, FluxGen Technologies signed a Memorandum of Understanding during the event.

List of GRIHA Rated Projects

S.No.	Name	State	Rating type	Rating
1	O By Tamara Thiruvananthapuram, Kerala	Kerala	GRIHA Final rating	4-star
2	Trivandrum Divisional Office, LIC of India Trivandrum, Kerala	Kerala	GRIHA for Existing Building	4-star
3	LIC Branch Office - 2 Building, Under Madurai Division, Dindigul, Tamil Nadu	Tamil Nadu	SVAGRIHA	4-star
4	Construction of Residential Quarters at Chennai Airport, Chennai, Tamil Nadu	Tamil Nadu	GRIHA Provisional Rating	3-star
5	Ad3, Indian Institute of Technology Hyderabad, Telangana	Telangana	GRIHA Provisional Rating	3-star
6	Administration Building Indian Institute of Technology Hyderabad, Telangana	Telangana	GRIHA Provisional Rating	3-star
7	Computer Science and Electrical Engineering Building- Ad2 Indian Institute of Technology Hyderabad, Telangana	Telangana	GRIHA Provisional Rating	3-star
8	Department of Design (DOD) Indian Institute of Technology Hyderabad, Telangana	Telangana	GRIHA Provisional Rating	3-star
9	Le1 (LH) Indian Institute of Technology Hyderabad, Telangana	Telangana	GRIHA Provisional Rating	3-star
10	ALL INDIA INSTITUTE OF MEDICAL SCIENCES, MANGALAGIRI	Andhra Pradesh	GRIHA Provisional Rating	3-star
11	Design and Construction of 92 Nos. Residential Quarters (32 Nos. Type II, 56 Nos. Type III and 4 Nos. Type IV for Bureau of Immigration at Gangamuttanahalli Devanahalli, Taluk, Bangalore Rural District, Karnataka	Karnataka	GRIHA Provisional Rating	3-star
12	PM Shri Jawahar Navodaya Vidyalaya, Bengaluru Rural	Karnataka	GRIHA Existing Schools	5-star
13	PM Shri Jawahar Navodaya Vidyalaya, Dakshina Kannada	Karnataka	GRIHA Existing Schools	5-star
14	PM Shri Jawahar Navodaya Vidyalaya, Davanagere	Karnataka	GRIHA Existing Schools	5-star
15	PM Shri Jawahar Navodaya Vidyalaya, Ernakulam	Kerala	GRIHA Existing Schools	5-star
16	PM Shri Jawahar Navodaya Vidyalaya, Hassan	Karnataka	GRIHA Existing Schools	5-star
17	PM Shri Jawahar Navodaya Vidyalaya, Shimoga	Karnataka	GRIHA Existing Schools	5-star
18	PM Shri Jawahar Navodaya Vidyalaya, Bengaluru Urban	Karnataka	GRIHA Existing Schools	4-star
19	PM Shri Jawahar Navodaya Vidyalaya, Chikkamagaluru	Karnataka	GRIHA Existing Schools	4-star
20	PM Shri Jawahar Navodaya Vidyalaya, Chitradurga	Karnataka	GRIHA Existing Schools	4-star
21	PM Shri Jawahar Navodaya Vidyalaya, Gadag	Karnataka	GRIHA Existing Schools	4-star
22	PM Shri Jawahar Navodaya Vidyalaya, Hothpet Yadagiri	Karnataka	GRIHA Existing Schools	4-star
23	PM Shri Jawahar Navodaya Vidyalaya, Koppal	Karnataka	GRIHA Existing Schools	4-star
24	PM Shri Jawahar Navodaya Vidyalaya, Mandya	Karnataka	GRIHA Existing Schools	4-star
25	PM Shri Jawahar Navodaya Vidyalaya, Raichur	Karnataka	GRIHA Existing Schools	4-star

GRIHA Felicitation Ceremony















































GRIHA Green Tour

GRIHA Council Conducted Green Tour at ABB Nelamangala Facility – First 'GRIHA Water Positive Certified' Project

On June 19, 2025, GRIHA Council organized a Green Tour at ABB Nelamangala facility in Bengaluru, the first project to obtain the 'GRIHA Water Positive Certification' by GRIHA Council. Participants were introduced to the innovative sustainability water reduction and conservation measures implemented on-site. We extend our sincere appreciation to Shri. Rajesh Jha, Country Environment & Sustainability Manager, ABB India Ltd and his team for providing an in-depth walkthrough of the project.

This tour was conducted as a prelude event of GRIHA Regional Conclave, held in Bengaluru on June 20, 2025.







Green tour event at ABB Nelamangala Facility

Key Highlights

Inaugural Session

- Emphasis was placed on balancing growth with sustainability and encouraged GRIHA Council to partner with the state on green urbanization initiatives.
- Discussion on integrating sustainability into policy frameworks and infrastructure planning was conducted.
- Importance of corporate sustainability and partnership-driven climate action was highlighted.

Plenary Session 1: Drops of Change: Innovative Solutions to Water Woes

- Experts advocated integrating traditional water-harvesting practices—like percolation wells and tank rejuvenation—with modern water-sensitive urban planning to address Bengaluru's growing water scarcity.
- The session emphasized strengthening municipal by-laws to promote decentralized water management solutions in private developments and public infrastructure.

Plenary Session 2: Waste Not, Want Not: Path to Sustainable Waste Management

- Panellists spotlighted the shift from centralized dumps to local-scale waste processing—such
 as composting and material recovery facilities—to reduce landfill load.
- Inclusion of households and community groups in segregation and recycling efforts was shown to be critical for scaling sustainable waste systems.
- Discussions highlighted recycling innovations—from converting organic waste to biogas to reusing construction debris—and called for policy incentives supporting circular approaches.

Plenary Session 3: Navigating Namma Bengaluru: Steering Towards Sustainable Mobility

- Multi-modal interventions were proposed—expanding bus and metro systems, dedicated cycle lanes, and pedestrian-only zones to ease gridlock.
- Experts underscored designing for inclusivity—especially for women, elderly, and differently-abled users—and improving first/last-mile connectivity.
- Emphasis was placed on leveraging technology-driven shared mobility (app-based e-bikes/scooters, ride-hailing) to complement public transport networks.

Valedictory Session

- Emphasis was placed on urgent need to address the intertwined pressures of rapid urban growth and climate change in Bengaluru, highlighting that both must be tackled in tandem for meaningful impact.
- Sustaining collaboration among government, industry, research groups, and civic society toward embedding green building practices and resilience across Karnataka and beyond was highlighted.

Green Building Tour

- Interactive walkthrough of ABB India's Nelamangala campus, certified water-positive site.
- Demonstrated actionable on-site water reuse, recharge systems, and runoff controls.

Way Forward - Action Points

The GRIHA Regional Conclave 2025, Bengaluru, centered on "Innovate to act for a climate resilient world," provided key insights and action points for fostering sustainable urban development. The conclave emphasized climate resilience, sustainable infrastructure, and decarbonisation in the construction sector. The following strategic action points emerged:

Advocacy & Policy Implementation Facilitating Green Building Adoption:

- Leverage the Karnataka government's openness to collaboration, as emphasized by Hon'ble Minister Shri Dinesh Gundu Rao, to establish formal partnerships between state departments and organizations like the GRIHA Council.
- Incorporate GRIHA's sustainability guidelines into municipal and state-level policies to ensure cohesive implementation across sectors.

Focus on Thematic Areas of Impact:

- Water Management: Implement innovative solutions to address Bengaluru's water challenges, integrating traditional practices with modern urban planning, as discussed in the "Drops of Change" plenary session.
- Waste Management: Develop decentralized waste processing systems and promote recycling innovations, aligning with insights from the "Waste Not, Want Not" session.
- Sustainable Mobility: Advance people-centric transportation solutions to alleviate congestion and enhance accessibility, as highlighted in the "Navigating Namma Bengaluru" session.

Monitor Progress and Ensure Accountability:

- Develop and implement key performance indicators (KPIs) to monitor the effectiveness of sustainability initiatives.
- Conduct periodic assessments to evaluate progress, identify challenges, and recalibrate strategies as necessary.

Capacity Building & Training Stakeholder Engagement:

- Organize awareness programs and training workshops for government officials, architects, urban planners, and builders on sustainable construction practices.
- Establish forums for continuous dialogue and exchange of best practices among stakeholders to drive innovation and collective action.

Regional & Grassroots Initiatives Localized Sustainability Resources:

- Localized Tools: Promote the adoption of the JAN (Jan Awas Nirman) GRIHA Online Tool to facilitate low-cost green certification for homes up to 200 m², thereby encouraging sustainable housing practices at the grassroots level.
- Regional Language Resources: Disseminate GRIHA publications translated into Kannada to enhance accessibility and foster community participation in sustainable initiatives.

GRIHA Regional Conclave in News



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Bengaluru to host 7th GRIHA Regional Conclave on June 20

BENGALURU: (Jun 18) The 7th GRIHA (Green Rating for Integrated Habitat Assessment) Regional Conclave to be held in Bengaluru on June 20 will focus on converting climate ambitions into real-world impact, particularly in the context of urban India, said organisers.

The conclave, which is part of a regional engagement series leading up to the 17th GRIHA Summit to be held in New Delhi on November 3-4, will be inaugurated by Dinesh Gundu Rao, Karnataka's Minister for Health and Family Welfare Department.

According to a press release issued by GRIHA, which is jointly established by the Ministry of New and Renewable Energy (MNRE), Government of India and The Energy and Resources Institute (TERI) in 2007, this year's theme will be "Innovate to Act for a Climate Resilient World".

 $\frac{\text{https://www.ptinews.com/story/national/bengaluru-to-host-7th-griha-regional-conclave-on-june-}}{20/2655146}$



Bengaluru to host 7th GRIHA Regional Conclave on June 20

PTI | Updated: June 18, 2025 16:15 IST

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"The one-day event will bring together a vibrant mix of stakeholders, policymakers, architects, engineers, urban planners, product manufacturers, researchers, and sustainability advocates for meaningful conversations around climate-resilient solutions," added the press release.

https://www.theweek.in/wire-updates/national/2025/06/18/srg1-ka-climate-conclave.html



Bengaluru to host 7th GRIHA regional conclave on Friday







HIGHLIGHTS

Bengaluru: The 7th GRIHA (Green Rating for Integrated Habitat Assessment) Regional Conclave to be held in Bengaluru on June 20 will focus on...

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https://www.thehansindia.com/karnataka/bengaluru-to-host-7th-griha-regional-conclave-on-friday-981076



Transformative Urban Solutions: GRIHA Conclave Tackles Climate Challenges in Bengaluru

The 7th GRIHA Regional Conclave in Bengaluru focuses on turning climate ambitions into actionable results in urban India. It will gather stakeholders to discuss solutions for water, waste, and mobility issues, culminating in a felicitation ceremony and a keynote speech by a government architect.

Devdiscourse News Dosk | Bengaluru | Updated: 18-06-2025 16:05 IST | Created: 18-06-2025 16:05 IST

he 7th GRIHA Regional Conclave is set to take place in Bengaluru on June 20. This event, part of a series leading to the GRIHA Summit this November, will address the theme "Innovate to Act for a Climate Resilient World" in the context of urban India.

Organizers aim to bring together a diverse array of stakeholders, including policymakers, urban planners, and sustainability advocates, to explore climate-resilient solutions. The conclave will tackle Bengaluru's pressing issues, such as its water crisis, waste management, and traffic congestion.

The day's agenda includes plenary sessions on integrating traditional and modern practices for water management, sustainable waste solutions, and enhancing urban mobility. The event will conclude with a felicitation ceremony and a keynote by Rajeshwari S Basur, emphasizing the importance of sustainable development.

https://www.devdiscourse.com/article/science-environment/3462255-transformative-urban-solutions-griha-conclave-tackles-climate-challenges-in-bengaluru



GRIHA Regional Conclave Highlights Urban Sustainability

The 7th GRIHA Regional Conclave, held on June 20, 2025, in Bengaluru and organized by the GRIHA Council under the theme 'Innovate to Act for a Climate Resilient World', was defined by a shared sense of urgency and possibility. The conclave brought together policymakers, architects, urban planners, industry representatives, and community leaders to explore ways in which Indian cities like Bengaluru can become more resilient, inclusive, and sustainable.



Inaugurating the conclave, Shri Dinesh Gundu Rao, Hon'ble Minister of Health & Family Welfare, Government of Karnataka, stressed, "There is a deep impact of climate change on people and livelihoods, so the need for a balance between growth and sustainability, for the link between health and climate." Commending GRIHA Council's efforts in promoting resource-efficient and resilient infrastructure, he underscored the state's commitment to green urbanisation and innovation-driven partnerships. He invited GRIHA Council to collaborate with state government departments in scaling up sustainable development initiatives across Karnataka.

https://www.mgsarchitecture.in/updates/news/4392-griha-regional-conclave-highlights-urban-sustainability.html



https://www.varthabharati.in/DakshinaKannada/-5--2073873

7 ನೇ ಗಿಹ ಪಾದೇಶಿಕ ಸಮಾವೇಶದಲ್ಲಿ ಸಚಿವ ದಿನೇಶ್ ಗುಂಡೂರಾವ್ ಅಭಿಮತ ಭವಿಷ್ಯದ ಪೀಳಿಗೆಗೆ ಉತ್ತಮ ಪರಿಸರ ಕಾಪಾಡೋಣ

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ಎದುರಿಸಲು ಪಾವೀಸ್ತ ಪೂರ್ಣ

ಹೋಟೆಲ್ನಲ್ಲಿ ಹೊಸ ಮತ್ತು ನವೀಕರಿಸ ಸಮಾವೇಶವು ಹಸಿರು ಕಟ್ಟಡಗಳ ನಿರ್ಮಾಣ ಪರಿಹಾರಗಳನ್ನು ಕೆಂಡು ಕೊಳ್ಳಲು ಒಂದು ಘೋಷ ವಾಕ್ಕೆ ಅತ್ಯಂತ ಪ್ರಸ್ತುತವಾಗಿದೆ. ಬಹುದಾದ ಅಂಧನ ಸಚಿವಾಲಯ ಮತ್ತು ಮತ್ತು ಸುಸ್ಥಿರ ಜೀವನಕ್ಕಲಿ ಉತ್ತೇಜಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ವೇದಿಕೆಯಾಗಿದೆ. ಹವಾಮಾನ ಸುಸ್ಥಿರ ಅಭಿವೃದ್ಧಿಯ ಗುರಿ ಸಾಧಿಸಲು ಮತ್ತು ಅಂಧನ ಮತ್ತು ಸಂಪನ್ನೂಲ ಸಂಸ್ಥೆ ಸಹಯೋಗ ಮಹತ್ವದ ಪಾತ್ರ ವಹಿಸುತ್ತಿದೆ. ಇದು ಬದಲಾವಣೆಯ ಪ್ರಭಾವವು ನಮ್ಮ ಜನರ ಭವಿಷ್ಯದ ಪೀಕ್ಷಗಳಿ ಉತ್ತಮ ಪರಿಸರ ಕಾಪಾಡಿ ದೊಂದಿಗೆ ನಡೆದ 7ನೇ ಗ್ರಿಷ್ ಪ್ರಾದೇಶಿಕ ಪವಾಮಾನ ಬದಲಾವಣೆಯ ಸವಾಲುಗಳನ್ನು ಮೇಲೂ ಭಾರಿ ಪರಿಣಾಮ ಜೀರುತ್ತದೆ. ಆಗಾಗಿ ಕೊಳಲು ಎಲ್ಲರೂ ಒಟ್ಟಾಗಿ ಕೆಲಸ ಮಾಡಬೇಕಿದೆ ನಾವು ಹೇಗೆ ಸಮಕೋಲನ ಕಂಡು ಕೊಳ್ಳಬೇಕು,

ಸಂಚಾರ ದಟ್ಟಣೆ ಇವು ನಮ್ಮ ನಗರ ಎದುಂ ಸುಕ್ತಿರುವ ಪ್ರಮುಖ ಸಮಸ್ಯೆಗಳಾಗಿದ್ದು, ಈ ಸಮಸ್ಯೆಗಳಿಗೆ ಸುಕ್ಕಿರ ಪರಿಹಾರಗಳನ್ನು ಸಹಕಾರಿಯಾಗಲಿದೆ ಎಂದರು. ನಾವು ಹಸಿರು ತಂತ್ರಜ್ಞಾನಗಳು, ನವೀಕರಿಸ ಬಹುದಾದ ಇಂಧನ ಮೂಲಗಳು ಮತ್ತು ಪರೀಶ ಸೈಸ್ಕಿ ವರ್ಮಣ ವಿಧಾನಗಳನ್ನು ಪ್ರೇತ್ರಾಹಿಸಲು ಬದ್ಧವಾಗಿದ್ದೇವೆ, ಕೆಟ್ಟಡ ನಿರ್ಮಾಣದಲ್ಲಿ ಸುಸ್ತಿರ ಅಭ್ಯಾಸ ಅಳವಡಿಸಿ ಕೊಳ್ಳುವುದು ಕೇವಲ ಪರಿಸರ ಸಂರಕ್ಷಣೆಗಾಗಿ ಮಾತ್ರವಲ್ಲ ಅದು ಆರ್ಥಿಕವಾಗಿಯೂ ಶಾಭವಾಯಕವಾಗಿದೆ.

ಹಾನು ಕೆಟ್ಟಡಗಳು ಇಂಧನ ಉಳಿತಾಯಕ್ಕೆ ನೀರಿನ ದಕ್ಷ ಬಳಕೆಗೆ ಮತ್ತು ಉತ್ತಮ ಜೀವನ ಗುಣಮಟ್ಟಕ್ಕೆ ಕೊಡುಗೆ ನೀಡುತ್ತವೆ. ಹವಾಮಾನ ಸ್ಥಿತಿಸ್ಥಾಪಕಕ್ಕವುಳ ಎಕ್ಕಕ್ಕಾಗಿ ಮೆಎಣ್ಯತೆಯಿಂದ ಕಾರ್ಯನಿರ್ವಹಿಸುವುದು ಎಂಬ ಸಮಾವೇಶದ



GRIHA Council and FluxGen Partner to Power Smart Water Management for Sustainable Infrastructure in India

The collaboration aims to integrate AI, IoT, and real-time analytics into India's built environment to enhance climate resilience and regulatory compliance.

In a significant move toward building climate-resilient infrastructure, GRIHA Council has signed a Memorandum of Understanding (MoU) with FluxGen Sustainable Technologies Pvt. Ltd., a climate-tech firm specializing in end-to-end smart water management solutions.

This partnership marks a pivotal step in integrating intelligent, data-driven water sustainability practices across India's. built environment.

https://climatesamurai.com/2025/06/24/griha-council-and-fluxgen-partner-to-power-smart-watermanagement-for-sustainable-infrastructure-in-india/

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