



6th GRIHA Regional Conference on 'Accelerating Sustainability in Built Environment'

Venue: The Energy and Resources Institute-Southern Regional Centre

4th Main, 2nd Cross, Domlur 2nd Stage, Bangalore 560 071

Agenda

Day-1 (3rd February, 2015)

08:30 – 09:30	Registration
09:30 – 10:30	Inaugural Session
Welcome Address	Ms Mili Majumdar , Director & Senior Fellow, Sustainable Habitat Division, TERI
Setting the theme	Mr K Jairaj (IAS ret'd) , Former Additional Chief Secretary, Government of Karnataka
Inaugural Address	Dr R K Pachauri , Director General, TERI (through VC)
Vote of Thanks	Ms Minni Sastry , Fellow & Area Convener, Sustainable Habitat Division, TERI
10:30 – 11:00	Inaugural of Exhibition followed by tea/coffee
11:00 – 12:30	Panel Session: Accelerating Sustainability in Built Environment
Chairperson & Speaker	The session shall focus on issues related to accelerating sustainability in the built environment. There shall be a theme presentation on current scenario and barriers in the sector along with successful implementation mechanisms. This shall be followed by a panel discussion. Dr Ashwin Mahesh , Founder & CEO Mapunity, Editor – India Together
Speakers	Mr Anjum Parwez , Chairman, Bangalore Water Supply and Sewerage Board Dr Chandrashekar Hariharan , CEO, Biodiversity Conservation India (Pvt) Ltd
12:30 – 13:30	Technical Session 1: GRIHA and its Role in Accelerating Sustainability in Built Environment in India
	Ms Mili Majumdar , Director & Senior Fellow, Sustainable Habitat Division, TERI and Ms Minni Sastry , Fellow & Area Convener, Sustainable Habitat Division, TERI Green initiative in Affordable Housing – HUDCO perspective - Ms Vijaya R Vasu , Deputy General Manager (Projects), Housing and Urban Development Corporation Limited
13:30 – 14:30	Lunch
14:30 – 16:00	Technical Session 2: Sustainability in liveable cities
Chairperson & Speaker	Cities worldwide face immense challenges with increasing population, demand for resources, pressure on transport systems and infrastructure. The session shall deliberate on these issues and demonstrate solutions that are replicable and scalable. Low Carbon urban living - Opportunities and Strategies - Prof Ashok B Lall , Principal Architect, Ashok B Lall Associates, New Delhi
Speakers	Building Sustainable Communities - Ar Natasha Iype , Director, Good Earth Sustainability in Livable Cities - Mr Angshik Chaudhuri , Executive Director (Operations), Cisco Development India Pvt Ltd
16:00 – 16:30	Tea/Coffee
16:30 – 17:30	Technical Session 3: Built Environment in Response to Climate Vulnerabilities
Chairperson	Changing climate is impacting mankind in several ways. The built environment also faces major challenge and needs to respond to climate vulnerabilities. A paradigm shift in design and planning approach is needed to address the climate impacts on built environment. The technical session will address the applicable mitigation and adaptation measures for built environment in response to climate vulnerabilities. Presenters and scientists will speak about tools available to inform future developments, policy changes/ initiatives required, and private sector involvement in delivering climate resilient built environment and infrastructure. Prof Krishna Rao Jaisim , JAISIM-FOUNTAINHEAD
TERI	Green Building Features for Climate Resilient Affordable Housing - Ms Minni Sastry , Fellow, Sustainable Habitat Division & Ms Ulka Kelkar , Fellow, Earth Science and Climate Change
IFC	Climate resilient urban systems- Opportunities and Challenges - Dr Divya Sharma , Fellow, Sustainable Habitat Division Mr Friedemann Roy , Global Product Lead Housing Finance Access to Finance Advisory at IFC - International Finance Corporation, Washington D.C.

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Day-2 (4th February, 2015)

09:30 – 11:15		Technical Session 4: Efficiency in new and existing buildings
There is a saving potential of 8700 million kWh of energy in India for existing building stock and 90,000 million kWh for upcoming commercial buildings by 2021. Experts in the subject shall present and debate on current gaps and barriers, retrofitting solutions for existing buildings, new and innovative measures for new buildings, financial mechanism, framework of standards and implementation strategies based on the successful experiences in India and outside India.		
Chairperson & Speaker	Adaptive Building Design - Prof Dr Uta Pottgiesser , Dekanin – Dean, Detmold School of Architecture and Interior Design, Germany	
Speakers	Data driven approach to high performance buildings - Mr Guruprakash Sastry , Regional Manager – Infrastructure / Green Initiatives, Infosys Enterprise Energy Management - Mr Debashish Chakraborty , General Manager - Energy Efficiency & Strategic Alliances, Schneider Electric Building Energy Efficiency - Anand Sachithanatham , Technical Manager – CPT South Zone, Asahi India Glass Ltd. Achieving Sustainability in Office Spaces - Case Study from Google - Mr B R Nagaraj , Head - Real Estate & Workplace Services, Google India Pvt. Limited	
11:15 – 11:45		Tea/Coffee
11:45 – 13:00		Technical Session 5: Air quality in healthy built environment
1.3 million Indians die every year of poor Indoor air quality which is the second biggest killer after high blood pressure. Landscape design to improve outdoor air qualities and products/technologies improve Indoor Air Quality will be presented. Impact of energy saving measures such as increasing set point and reducing ventilation rates on IAQ will be debated.		
Chairperson & Speaker	Air Quality in India - Ms Maija Virta , Managing Director, Santrupti Engineers Private Limited	
Speakers	Micro Climate and Landscapes - Issues and Amelioration - Mr Mohan Rao , INDE Integrated Design Air Filtration - An ideal solution for healthy indoor air - Mr Shankar Rajasekaran , Director – Engineering, IMPEC FILTERS Private Limited	
13:00 – 14:00		Lunch
14:00 – 14:30		Keynote Address
Mr S Vishwanath , Rain Water Club		
14:30 – 16:00		Technical Session 6: Structural Systems and Construction Technologies for Green Buildings
The session will showcase structural design solutions and innovative construction techniques that can be adopted for Green buildings. Discussions and presentations on embodied energy of construction technologies such as Prefab construction will be held. Innovative systems such as replacement of Steel with Bamboo, as reinforcement material, will be presented.		
Chairperson & Speaker	Structural Design Aspects for Green Buildings - Mr S C Mehrotra , CEO – Mehro Consultants; President, Indian Association of Structural Engineers Pre Cast Housing by Bangalore Development Authority (BDA) - Mr M G Gowdaiah , Engineer Officer, Bangalore Development Authority Concrete & Mortar - Innovation approach to create profitable & sustainable solutions for Bottom of the Pyramid - Mr Gautam Eunny , Sr VP & Head - Construction Development Lab, Lafarge Aggregates & Concrete India Pvt. Ltd. Thermally Appropriate Building Materials & Technologies - Mr D E V S Kiran Kumar , Associate Fellow, Sustainable Habitat Division, TERI	
16:00 – 17:00		Valedictory session on 'Role of private sector in mainstreaming sustainable buildings in India'
Moderator	Mr Friedemann Roy , Global Product Lead Housing Finance Access to Finance Advisory at IFC - International Finance Corporation, Washington D.C.	
Speaker	Accelerating Sustainability in Built Environment - Mr Brotin Banerjee , MD & CEO, TATA Housing Development Company Ltd	
17:00 – 18:00		Tea/Coffee