



Confederation of Indian Industry

Green Habitat

A Newsletter on Green Buildings
From CII - Indian Green Building Council



Indian Green Building Council
Greening India since 2001

Green Building Congress 2013

A call for promoting Sustainable-built Environment in the Country

11th Edition

Green Building Congress 2013

India's Flagship event on Green Buildings

International Conference & Exhibition on Green Buildings
24-26 Oct 2013, Chennai Trade Centre, Chennai, India

Asia's Largest Green Building Conference & Exhibition

Green Building Congress 2013 focused on 'Futuristic Green Habitats & Technologies.' Presentations & discussions were weaved around this theme.

Inaugural Session : 24 October 2013



Dr. K. Rosaiah, His Excellency The Governor of Tamil Nadu was the Chief Guest at the inaugural session of Green Building Congress 2013.

Dr. K. Rosaiah in his address said that 'Green' should reach every nook & corner of the country and every construction should be designed in an eco-friendly way.

Reducing environmental impact and adopting environment friendly construction practices are the need of the hour to address the climatic changes, said Dr. Rosaiah.

Mr Jamshyd N Godrej, Chairman, CII - Godrej GBC, said the most important aspect of the green building movement in India is that it is a part of larger aspects of sustainability. He added that the solution ahead is not a choice between sustainability or development, rather sustainability and development.

Dr Prem C Jain, Chairman, IGBC informed that, IGBC has inked an MoU with the National Housing Bank for special concessions for homes going green. He said that already there were over 600 Million sq.ft. of green homes and the footprint will multiply manifold, he added.

Dr Jain informed that, India has over 2,235 IGBC registered green building projects with a total area of 1.65 Billion sq.ft., making India one of the top three countries with high green building footprint.

Mr B Santhanam, Chairman, CII Southern Region, said that climate change has impacted all countries. Indian industry is committed to mitigate the environmental impacts, he added.



Seen from L-R: Mr Mahesh Natarajan, Regional Director, CII-SR; Mr N K Ranganath, Chairman, Green Building Congress 2013 Conference Committee; Mr Jamshyd N Godrej, Chairman, CII - Godrej GBC; Dr. K. Rosaiah, His Excellency The Governor of Tamil Nadu; Dr Prem C Jain, Chairman, IGBC and Mr B Santhanam, Chairman, CII-SR

Mr N K Ranganath, Chairman, Green Building Congress 2013 Conference Committee, said that it will be a huge challenge to manage our resources and environmental degradation would be irreversible if we did not act now.

Outcome

- The next 10-15 years will witness developments in tier-1 & tier-2 cities. There is a great opportunity to build these green by design
- IGBC's vision is to 'enable sustainable built environment for all' by 2025. IGBC has initiated building of capacity & services to have 20 Billion sq.ft. of Green Buildings in India by 2025
- In the coming four years, one Million houses across the country would be constructed. If these come up as green homes, it would greatly benefit the country
- To help designers, IGBC released Reference Guide on Green Homes, which would help in design and construction of Green Homes in the country
- IGBC would work on new standards & guidelines for other types of buildings including : Schools, Hospitals, Metros, Retail, etc.,
- Faster Environmental clearances for IGBC pre-certified green buildings by MoEF, GoI is giving good results. IGBC to work on similar incentives at the State level



Mr V Suresh, Chair, Policy & Advocacy Committee, IGBC addressing at the session participants in the panel discussion include: Mr K S Venkatagiri, CII; Prof Kanchan Kaur, Vice Dean, Indian Institute of Journalism & New Media; Ms Faye D'Souza, Editor, ET Now; Mr R A Rajeev, IAS, Principal Secretary, Environment Dept. Government of Maharashtra; Mr Hardik Shah, Member Secretary, Gujarat State Pollution Control Board; Mr B R Ajit, Chairman, IGBC-Kochi Chapter; Mr K J Jawa, Managing Director, Daikin Airconditioning India Pvt Ltd and Mr Gaurang Pandya, Managing Director, United Technologies Corporation

Event Highlights

- Over 2,200 Participants for various events of GBC 2013
- Over 4,000 visitors to the International Exhibition
- Over 85 National and International Speakers
- 83 Green Building projects awarded with IGBC Green Building Rating
- Launch of IGBC Green Homes Detailed Reference Guide
- MoU inked with Building and Construction Authority, Singapore
- IGBC Hall of Fame Award 2013 presented to Dr Kath Williams, Mr ParasuRaman R and Mr S Padmanaban
- Exclusive sessions on Green Hospitals, Green Homes, Green Interiors and Renewable Energy
- Awards presented to the winners of Green-I Contest for School Students and Green Design Competition for Architectural Students

Curtain Raiser on Green Building Congress 2013



Seen from L-R: Mr S Raghupathy, Executive Director, CII-Godrej GBC; Mr Gaurang Pandya, Managing Director, United Technologies Corporation; Mr Alwyn R Noronha, Vice President – Projects, ITC Hotels; Mr Pradeep Bhargava, Chairman, Environment & Recycling Council, CII-Godrej GBC; Mr Jamshyd N Godrej, Chairman, CII-Godrej GBC; Dr Prem C Jain, Chairman, IGBC; Dr Kath Williams, Principal, Kath Williams + Associates; Mr C N Raghavendran, Chairman, IGBC Chennai Chapter and Mr Gurmeet Singh Arora, Vice Chairman, IGBC Mumbai Chapter

Parallel Sessions

- Architectural Perspectives
- High Performance Buildings & Technologies
- Waste Management
- Transportation
- Energy Efficiency
- Materials & Technologies
- Energy Efficiency & Indoor Air Quality
- Green Building Technologies

Master Speaker Sessions



Seen from L-R: Mr Tooru Inazuka, Senior Associate Officer & General Manager, Daikin; Dr Mark Ginsberg, Senior Fellow, USGBC; Mr Karan Grover, Chairman, IGBC Vadodara Chapter; Mr M Raghunath, CII and Mr A C S Jayapaul, Senior Country Director South Asia & Middle East Department International Development Group, Building and Construction Authority



Seen from L-R: Mr M Anand, CII; Mr C N Raghavendran, Chairman, IGBC - Chennai Chapter; Ar Romi Khosla, Principal Architect, Romi Khosla Design Studio and Ar Sean Chiao, Chief Executive, AECOM



Seen from L-R: Mr Frank O'Brien Bernini, Vice President, Chief Sustainability Officer, Owens Corning; Dr Chandrashekar Hariharan, Vice Chair, IGBC– Bangalore Chapter; Ms Rekha, CII and Mr Francis Serruys, International Director, Architectural Projects, Saint-Gobain Glass



Seen from L-R: Mr N Muthu, CII; Mr Sanjay Kirloskar, Chairman, IGBC - Pune Chapter; Mr David Underwood, Treasurer, ASHRAE and Prof Ranjith Dissanayake, Chairman Board of Education and Training, Green Building Council of Sri Lanka

International Exhibition

The Hon'ble Governor inaugurated a three-day international exhibition where over 100 Green building products and technologies were displayed.

Few of the innovative products on display included:

- | Fire Pumps for High Rise Buildings
- | Aquaforce 30XM
- | Decentralised water treatment solutions
- | Water cooled screw chillers.... and many other innovative products



IGBC Hall of Fame Award 2013

This Award recognises the selfless contribution of individuals, for their outstanding contribution to the Indian Green Building Movement during the past decade.

The Hon'ble Governor presented the IGBC Hall of Fame Awards 2013 to **Dr Kath Williams**, Past Vice-Chair, US Green Building Council & Past President, WorldGBC; **Mr ParasuRaman R**, Founding Chairman, IGBC & Imm. Past Chairman, WorldGBC and **Mr S Padmanaban**, Former Senior Advisor, USAID.



Awards for Students

Green I - Contest

The aim of the contest is to encourage students to think about conservation and sustainability measures that can be incorporated within their school/community.

Students from The Millennium School, Mohali were awarded the winning trophy and a grant of Rs. 7.5 Lakhs from 'Carrier Airconditioning & Refrigeration Ltd' for implementation of Green measures.



IGBC Green Design Competition

Minakshi Mohanta and Amit Joseph Kurien from School of Planning & Architecture, New Delhi were presented the IGBC Green Design Competition Award. Daikin Industries Ltd supported the competition.

The main objective of this competition is to motivate young students to practice green concepts and sensitise students towards sustainability cause.



Awards for IGBC Certified Green Building Project Teams

Green Building Congress 2013 also acknowledged Green champions who have adopted IGBC Green Rating programmes for their building design and construction. 83 projects comprising of Residential Buildings, Offices, Institutions, Hotels, Resorts, Hospitals, Laboratories, Banks, SEZs, Interior Projects and Factory Buildings, have been acknowledged by presenting IGBC plaques and certificates.



Mr Vikram Kapur, IAS, Principal Secretary and Commissioner, Corporation of Chennai addressing at the award distribution function

Conference on Green Homes, Existing Buildings, Green Interiors & Green Hospitals : 26 October 2013



Speaking at the inaugural session, **Mr Arun Kumar Misra, IAS**, Secretary, Ministry of Housing & Urban Poverty Alleviation, Government of India, informed that in the coming 4 years, one Million houses across the country to be constructed by the Government would be coming up in different Blocks & Municipalities. All these would go the Greener way by design at the construction stage itself underlined, Mr Misra.

Release of IGBC Green Homes Detailed Reference Guide



Seen from L-R: Mr C N Raghavendran, Chairman, IGBC-Chennai Chapter; Dr Prem C Jain, Chairman, IGBC; Mr Arun Kumar Misra IAS, Secretary, Ministry of Housing & Urban Poverty Alleviation, Government of India; Mr C Shekar Reddy, Chairman, IGBC-Hyderabad Chapter; Mr Ajit Kumar Chordia, Vice Chairman, IGBC-Chennai Chapter and Ar Nitin Saolapurkar, President, IIID

MoU inked with Building and Construction Authority, Singapore



The MoU aims at continuous exchange of best practices, promoting business opportunities, organising business missions and partnering at major events between both the countries.

Thank You Supporters



Concurrent Sessions



Mr Sudeep Jain, IAS, Chairman and Managing Director of Tamil Nadu Energy Development Agency addressing at the Special Session on 'Renewable Energy in Green Buildings'



Mr Peter Rumsey, CEO, Rumsey Energy Innovations addressing on Sustainable Practices & New Ideas in High Performance Buildings



Ar Nitin Saolapurkar, President, IIID addressing on Green Interiors Inside-out of Architecture



Seen from L-R Ms Preeti Chauhan, Architect & Associate Director, DDF Healthcare Consultants; Ms Shreyasi, CII; Ar Srinivas Murthy, Chief Architect, SMG Architects; Dr Vishal Garg, Associate Professor & Head Centre for IT in Building Science, IIIT; Ar Balasubramanian Viswanathan, Lead Solutions Architect, GIBSS and Mr Gurneet Singh, Director, Environmental Design Solutions



Students presenting their case study at Young Minds Going Green Session in the presence of Mr Syed Mohamed Beary, Chairman, IGBC-Bangalore Chapter; Mr Amit Maheshwari, Director – Marketing & Strategy, Carrier India; Mr Sanjay Goyal, Vice President, Daikin Air-conditioning India Pvt. Ltd and Ms Sirisha, CII

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