

## Green Building Congress 2014 evokes excellent response

The 12<sup>th</sup> edition of Green Building Congress 2014, which was held on 4-6 September 2014 at Hyderabad evoked excellent response.

"A green building is one which uses less water, improves energy efficiency, conserves natural resources, generates less waste and provides healthier spaces for occupants, as compared to a conventional building."



### Highlights

- 1,700 participants for the conference
- 4,500 visitors for the exhibition
- 144 speakers
- Green Building Rating System for Schools, Mass Rapid Transit System and New Buildings launched
- 85 IGBC rated green building projects felicitated
- CII aspires to cross 10 Billion Sq.ft of green building footprint by 2022
- Green Buildings of India'- coffee table book launched
- MoUs inked with Indian Society of Heating, Refrigerating and Air-conditioning Engineers (ISHRAE), Energy Efficiency Services Limited (EESL), European Solar Shading Organisation (ES-SO)

Indian Green Building Council (IGBC), part of CII, building on the imperative of promoting a healthy & greener life and also underline that green buildings makes good business sense, annually organises-Green Building Congress, India's flagship event on green buildings.

Green Building Congress is held in different cities every year with an aim to educate, inform, network and unite all the stakeholders to spearhead the green building movement in India. The event has grown steadily over the years in terms of content, participation and involvement of stakeholders.

Green Building Congress 2014 provided an excellent opportunity for stakeholders of the construction sector to update themselves on the latest trends in green building practices across the globe. Leading national and international experts will share their thoughts and

*perspectives at the 3-day international event.*

## Inaugural Session: 4 September 2014

**Mr. K. T. Rama Rao**, Hon'ble Minister for Panchayat Raj & IT, Government of Telangana, underlined that the newly formed Telangana State is a land of opportunities & investments and provides excellent growth opportunities for investors. The State is a forward looking economy and is an ideal investment destination, he added.



The Hon'ble Minister underlined that to ensure sustainable development; cities should not only be smart but also become green and safe.



**Mr. Mangu Singh**, Managing Director, Delhi Metro Rail Corporation Ltd, informed that by shifting commuting from road transport to metro rail, there is a potential to eliminate 11 grams of GHG emissions per passenger, per kilometer. He said that Delhi Metro Rail Corporation Ltd and IGBC worked together in developing Green Mass Rapid Transit System Rating. This can serve a guideline for all other cities, he added.

**Dr. Prem Jain**, Chairman, Indian Green Building Council (IGBC) said that IGBC, with the support of all the stakeholders has facilitated 2.23 Billion Sq.ft, making India the second country in the world with largest green building footprint. IGBC aspires to cross 10 Billion Sq.Ft of green building footprint by 2022, he informed.



**Mr. C. Shekar Reddy**, Chairman, IGBC- Hyderabad Chapter & National President, CREDAI, has committed to green 100 schools supported by CREDAI under the new IGBC green school rating programme. He added that IGBC Hyderabad chapter will work closely with the stakeholders towards enhancing green footprint in Telangana.

**Mr. Andrew McAllister**, British Deputy High Commissioner Hyderabad, said India has a massive opportunity for creating low carbon infrastructure. UK and India can work together in this direction, he added.





**Ms. Vanitha Datla**, Vice Chairperson, CII said the need of the hour is to pursue and promote growth in the most sustainable manner and make the process more participatory and sustainable..

**Mr. Abhay Shankar**, Co- Chair, IGBC Hyderabad Chapter said going the green way will not only improve efficiency & competitiveness but will also enable to build a low carbon economy in India and globally. The need of the hour is to aggressively promote green buildings, he underlined.



### **Launch of IGBC Green Building Rating System**

The inaugural session of Green Building Congress 2014 was marked by the launch of following Green Building Rating Systems.

1. *IGBC Green Schools Rating System*
2. *IGBC Green New Buildings Rating System*
3. *IGBC Green Mass Rapid Transit System (MRTS) Rating*

All the IGBC Green Building Rating Systems are based on the five elements of the nature (*Panchabhutas*) and are a perfect blend of ancient architectural practices and modern technological innovations.

### ***IGBC Green Schools Rating System***

This rating program is a tool to facilitate schools go the green way. IGBC Green Schools Rating System aims to facilitate the development of as many green schools as possible, along with the support of industry.

This program is structured and designed to have a very simple approach. It would enable both new schools and existing schools to incorporate and monitor the environmental friendly concepts that would result in tangible and intangible benefits to the school. This overarching objective is to instill eco-sensitivity amongst the children.



### ***IGBC Green New Buildings Rating System***

The objective of IGBC Green New Buildings rating system is to facilitate a holistic approach to create environment friendly buildings, through architectural design, water efficiency, effective handling of waste, energy efficiency, sustainable buildings, and focus on occupant comfort & well-being.



### ***Green Mass Rapid Transit System (MRTS) Rating***

This rating system is a tool to enable MRTS projects holistically apply green concepts during design & construction, so as to enhance the environmental benefits. This rating would also facilitate in enhancing commuter's comfort & overall experience.



### **Publication on 'Green Buildings of India'**

A coffee table publication highlighting 101 IGBC rated green building projects was released at Green Building Congress 2014.

This publication is a compilation of some of the finest green buildings of India. It highlights the green features incorporated in each of the project.



### **IGBC Online Portal**

IGBC in its efforts to enable projects for speedy certification and make the overall process more easier has launched the IGBC online portal. The same was launched at Green Building Congress 2014



### **Focus on Green Standards for Affordable Housing**

Ms Anita Agnihotri, IAS, Secretary, Ministry of Housing & Urban Poverty Alleviation, called on IGBC, CREDAI and other stakeholders to work on developing Green Standards for Affordable Housing. Ms Anita Agnihotri was addressing the delegates on 6 September 2014.



Ms Anita Agnihotri highlighted that, with increased urbanization happening across the cities, there is a growing need to develop and promote housing structures which are not only affordable but also sustainable & scalable. She added, housing sector has a great multiplier effect in terms of proving employment, security, etc. To make this happen, working closely with all the stakeholders in an imperative, she underlined.

## Ms. Jane Henley, CEO, World Green Building Council

Ms. Jane Henley, CEO, World Green Building Council while addressing at the Master Speaker Session on 5 September 2014, underlined that there is a growing need to expand our views and look at various facets like quality of life, green cities, vertical landscaping, etc., she explained how the co-existence of environment, society and economy is important for sustainability.



## Award Distribution

**Awards to green building projects:** Dr Ajay Mathur, Director General, Bureau of Energy Efficiency felicitated 85 IGBC rated green building projects. These were the projects who were rated during the year 2013-14.



**Green-I Contest:** Students of Smt Ramkuwar Devi Fomra Vivekananda Vidyalaya of Chennai received the first prize.

*Green-I Contest aims to create awareness and encourage students to think about conservation and sustainability measures that can be incorporated for a better tomorrow.*

**IGBC Green Design contest:** Mr Vishus Narayanan and Mr Siva Sankar of SPA, Vijayawada were presented with the first prize. *The objective of this contest is to seed green ideas in the minds of young budding professionals and also encourage new thoughts and innovation in green design.*



## MoUs inked

The following three MoUs were inked at Green Building Congress 2014

1. Indian Society of Heating, Refrigerating and Air-conditioning Engineers (ISHRAE)
2. Energy Efficiency Services Limited
3. European Solar Shading Organisation



Exchange of MoU between Mr Nirmal Ram, President, ISHRAE and Dr Prem C Jain, Chairman, IGBC



Exchange of MoU between Dr Prem C Jain, Chairman, IGBC and Mr Saurabh Kumar, Managing Director, EESL



Exchange of MoU between Dr Prem C Jain, Chairman, IGBC and Mr Anders Hall, Chairman Marketing Committee, European Solar Shading Organisation

### **ASEM – Roundtable on Energy Efficiency in Green Buildings**

Indian Green Building Council jointly with the Ministry of External Affairs, Govt of India organized a Roundtable on Energy Efficiency in Green Buildings on 5 September 2014



Ms Renu Pall, Joint Secretary, ASEAN Multilateral, Ministry of External Affairs, Government of India addressing at the session

The objective of the session was to facilitate discussions on Green Buildings and explore opportunities for increased interactions, sharing of best practices, technology exchange & business opportunities amongst ASEM Countries.

### **Master Speakers**



*Ar Romi Khosla, Principal Architect ,Romi Khosla Design Studio*



*Dr Pawan G Agrawal, President, Mumbai Dabbawala Education Centre*



*Dr Sean Foley, Fellow & Chairman of the Board The Samdhana Institute, Indonesia*



*Dr Stan Cox, Senior Researcher, The Land Institute Author of 'Losing our Cool' and Former Journalist for 'Washington Post' and 'Los Angeles Times'*



*Mr Koh Lin Ji, Group Director (International Development Group) Building and Construction Authority ,Singapore*

## **Concurrent Sessions**

The last day of the event- 6 September 2014, was marked by the following sessions:

1. Conference on Homes
2. Conference on Existing buildings
3. Awareness Programme on Green Hospitals
4. Conference on Green Schools
5. Conference on Green Building Products & Equipment
6. Renewable Energy Opportunities in Telangana

Leading experts shared their thoughts and perspectives on the subjects

