

IGBC's Green Building Congress 2021

International Conference and Exhibition

Theme: Net Zero - Buildings and Built Environment

18 - 20 November 2021: CII Hive Virtual Platform

<https://ciihive.in/SignUp.aspx?EventId=GBC2021>

Day 1: 18 November 2021 (Thursday)

1000 – 1100 hrs: Inaugural Session

Session 1: Special Plenary Session

1130 – 1215 hrs: Climate Change and Preparedness towards NetZero

Session Moderator	Mr Jamshyd N Godrej Chairman, CII-Sohrabji Godrej Green Business Centre & Chairman and Managing Director, Godrej & Boyce Mfg. Co. Ltd.
Climate Change and Preparedness Towards NetZero	Shri Jayant Sinha Member of Parliament Former Minister of State for Finance & Minister of State for Civil Aviation, Government of India

Session 2: Master Speaker Session

1230 – 1330 hrs: Alternative Energy options for the Future

Session Moderators	Dr Chandrashekar Hariharan Co-Chair, IGBC – Bangalore Chapter Mr Jaimni Uberoi Chairman, IGBC - Jaipur Chapter
Energy from Waste for the Cities of Future	Ar. George Kunihiro Chairman T-Life Environmental Lab Co. Ltd. Professor, Kokushikan University, Tokyo
The Game Changer in Climate Change: Bioenergy & Biofuels	Mr. Shishir Joshipura Managing Director & CEO Praj Industries Ltd

Session 3 : Master Speaker Session 1500 – 1600 hrs: WorldGBC Global Project: Advancing NetZero	
Session Moderators	Mr Gurmit Singh Arora Vice Chairman IGBC Mr S Raghupathy Principal Advisor, CII and Past Board Member of WorldGBC
Net Zero Initiatives in Green Building councils across the World	Mr Matthew Black Project Coordinator - Advancing Net Zero WorldGBC
Lifecycle Approach in Building Industry	Dr Christine Lemaitre Chief Executive Officer German Sustainable Building Council (DGNB)

Session 4 : Members Session 1615 – 1715 hrs	
IGBC Fellowship Awards	
Session Moderators	Mr V Suresh Chairman, IGBC Mr Gurmit Singh Arora Vice Chairman, IGBC
Indian Healthcare Sector - Access to All	Dr. Devi Prasad Shetty Founder, Chairman and Senior Consultant Cardiac Surgeon at Narayana Health

Session 5: Master Speaker Session 1800 - 1900 hrs: Action towards Net Zero Buildings	
Session Moderators	Mr Syed Mohamed Beary Chairman, IGBC - Bangalore Chapter Ar B R Ajit Chairman, IGBC – Cochin Chapter
Trends and Technologies in Net Zero Buildings	Mr Mike Ellis Executive Vice President, Chief Customer & Digital Officer, Johnson Controls
Actions for Zero Carbon Buildings	Mr. Vincent Martinez, Hon. AIA President and COO Architecture 2030

*Speakers not yet confirmed

Day 2: 19 November 2021 (Friday)

Session 6: Master Speaker Session 1000 – 1115 hrs : Green Cities of the Future	
Session Moderators	<p>Ar Srinivas Murthy Member, IGBC Hyderabad Chapter</p> <p>Mr Sameer Sinha Chairman, IGBC Ahmedabad Chapter</p>
India's Urbanization Challenges & Solutions	<p>Dr. Andreas Binkert Partner, Nuesch Development & President of 2000 Watts Smart Cities Association Switzerland</p>
The Next Urban Challenge: Creating Sustainable Community in Cities	<p>Ar. EeTiong Lim Studio Director, Gensler, Singapore</p>
Conserving Heritage Precints: Towards making of Sustainable Cities	<p>Ar. Ratish Nanda CEO of Aga Khan Trust for Culture India</p>

Session 7: Panel Discussion ;1130 – 1300 hrs India@75 to India@100 : Vision towards India Emerging as a Leader in Green Built Environment
<p>Session Moderators: Mr V Suresh, Chairman - IGBC Mr K Sriram, Chairman - IGBC Skill Development Committee</p> <p>Industry</p> <ul style="list-style-type: none"> • Mr Baljit Singh, Senior Vice President – Operations, Brookfield Properties • Mr. Anup Mathew, Senior Vice President & Business Head - Godrej Construction • Mr Sanjay Goyal, Director & Sr. Vice President, Daikin Airconditioning India Pvt. Ltd. • Mr Ajay Koshy, Head- Design Management, Brigade Group • Mr. Raju Goyal, Chief Technology Officer, Ultratech Cement Limited • Mr. Biswajit Ghosh, Chief of Technology, Tata Steel Limited <p>International</p> <ul style="list-style-type: none"> • Dr Cary Chan, Chair- WorldGBC Asia Pacific Network & Executive Director of Hong Kong Green Building Council <p>Financial Institutions</p> <ul style="list-style-type: none"> • Mr. Sanjay Joshi, Addl Senior General Manager, HDFC Ltd <p>Q & A</p>

Session 8: Technical Session 14:00 to 1515 hrs: Ecosystem for Net Zero	
Session Moderators	Ar. Ashok Mokha Chair, IGBC Nagpur Chapter Ms. Mala Singh Co-Chair, IGBC Mumbai Chapter
Importance of Concrete 4 Change technology in reducing concrete's CO2 footprint	Dr. Sid Pourfalah Founder & CEO, Concrete4change
Presentation	Mr Murari Sinhal Sr Group Vice President, Reliance Industries Limited
Efficiency Improvements in Air Conditioning for a NetZero World	Mr Bagath Singh Head -Product Management, Blue Star Limited

Technical Session - 9: Partner Country Session - UK 1530 – 1700 hrs : Build Back Greener- Unlocking Green Supply Chain in Construction Industry	
Session Moderators	Ar Sheetal Rakheja Chairperson, IGBC - Delhi Chapter Dr Poorva Kesar Co-Chair Person, IGBC – Pune Chapter
Importance of Design and Master planning for a Netzero Built Environment	Mr Ashwin Shah Associate, Zaha Hadid Architects
Retrofit and NetZero challenges- Fawley Waterside Project	Mr Gary Wilburn MD, EP Projects Ltd
Digital Project Management practices to achieve Netzero Buildings and Built Environment	Mr Alain Waha CTO, Buro Happold & Mr. Duncan Price Partner and Global Lead for Sustainability and Climate Change, Buro Happold
Construction Management Practises, Modern Methods of Construction and Offsite Construction	Mr Pawan Maini Regional Director, India, Mace
Urban scale Data Analytics Services towards net zero buildings and built environment, their applications and recommendations for Indian cities	Mr. Emre Yontem Chief Technology Officer, Ecowise

Session 10: Technical Session	
1615 – 1745 hrs: Advances in Green Building Materials	
Session Moderators	<p>Mr C Shekar Reddy Chairman, IGBC - Hyderabad Chapter</p> <p>Mr Jayprakash Shroff Chairman, IGBC – Pune Chapter</p>
“Grey is The New Green” - Paving the way for a carbon negative cement industry	<p>Dr Sujit Ghosh Executive Director & Executive Council Member Dalmia Cement (Bharat) Ltd.</p>
Sustainable Glazing Solutions	<p>Mr. Shailesh Ranjan Head - Business Planning, Operations & Technical Asahi India Glass Limited</p>
Green Chemistry: Promoting sustainability in Paint and beyond	<p>Mr. Abhay Bhat AGM (R & D) Nippon Paint India Pvt Ltd</p>
Antimicrobial Copper Touch Surfaces	<p>Dr. Anukant Mital Consultant International Copper Association India</p>

Session 11: Master Speaker Session	
1830 – 2000 hrs : Emerging Advancements in Buildings and Metropolises	
Session Moderators	<p>Mr Ashish Rakheja Chairman - IGBC Technical Committee</p> <p>Mr Jayesh Hariyani Co-Chair, IGBC – Ahmedabad Chapter</p>
Green India – Metropolises Essential	<p>Prof. Pedro Ortiz Principal, International Metropolitan Institute, Washington DC</p>
Role of Digital in Emerging Green Building Trends	<p>Ms. Jennifer Anderson Senior Vice President, Strategy, Business Development & Chief Sustainability Officer, Carrier</p> <p style="text-align: center;">&</p> <p>Mr. Bobby George Senior Vice President & Chief Digital Officer, Carrier</p>

Day 3: 20 November 2021 (Saturday)

Session 12: Technical Session	
1000 – 1100 hrs: Latest trends and Technologies	
Session Moderators	<p>Ar Sandeep Shikre Chairman, IGBC Mumbai Chapter</p> <p>Mr Manoj Kar Chairman, IGBC – Bhubaneshwar Chapter</p>
Large Scale implementation of Solar Energy	<p>Mr Anshul Khandelwal Strategy Leader Reliance New Energy Solar Ltd</p>
Experiences and case studies from global District Cooling operations	<p>Mr Jean-Francois Chartrain Chief Operating Officer Tabreed</p> <p style="text-align: center;">&</p> <p>Mr Sudheer Perla Country Manager - India Tabreed</p>
Contemporary Cooling Solutions for Commercial Applications	<p>Mr. Amit Kumar Group CEO & Executive Director Symphony Limited</p>
Intelligent Pumps and Controls Capabilities	<p>Mr. Basanth Kumar Sales Director - India & South Asia, Armstrong Fluid Technology</p>

Session 13: Panel Discussion: 1115 – 1225 hrs	
Enhancing Urban Landscaping and Quality of Life – Challenges, Opportunities and Action	
Session Moderator	<p>L.Ar. Ashish Patankar Elected Fellow Member, ISOLA</p>
Lead Presentation: Urban Landscaping - National Scenario and Vision for Future	<p>L.Ar. Minesh Parikh Co-Founder, NMP Design</p>
<p>Panelists:</p> <ul style="list-style-type: none"> • Mr Anil Kumar Epur, Chairman, IGBC Landscape Committee & Chairman, Agri Horticulture Society, Hyderabad • L.Ar. Sridevi Rao, President, ISOLA • L.Ar. Divya Sharma, Landscape Architect, Shantanu Sharma & Associates, Udaipur • L.Ar. Sachin Jain, Former Honorary President, ISOLA 	
Q&A	

Session 14: Technical Session 1230 -1330 hrs: Case Studies	
Session Moderators	Ar C N Raghavendran Chairman, IGBC - Chennai Chapter Dr. Chandrashekar Chairman, IGBC Healthcare Rating System
Case Study on Net Zero	Ar. Anica Landreneau Director of Sustainable Design, HOK & Ar. Rahul Kulkarni Senior Associate Director, HOK
Biophilic design for a sustainable future	Dr. C Velan City Head - Chennai Operations, CapitaLand & Ar. Deepak Kovendan Design Manager, CapitaLand
Sustainability in Green Homes	Mr Suhail Rahman MD & CEO CoEvolve Estates

1630 – 1730 hrs: IGBC Leadership Awards	
Award Ceremony	
<ul style="list-style-type: none"> • Performance Challenge Awards • Green Champion Awards 	



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Conference on GreenPro

Theme: Green Supply Chain to Support Net Zero Buildings and Built Environment

Day 3: 20 November 2021 (Saturday)

0930 hrs – 1030 hrs: Inaugural Session

Welcome & Theme Address	Mr ParasuRaman R Chairman, Green Products and Services Council, Founding Chairman, IGBC
Special Address	Mr Mahendra Singhi* MD & CEO Dalmia Cement (Bharat) Ltd
Special Address	Mr Chin-Yuan Chen Green Mark Program Taiwan
<ul style="list-style-type: none"> Award of 'GreenPro Ecolabel' for companies Signing of MoU between CII & International Copper Association 	
Closing Remarks	Mr KS Venkatagiri Executive Director CII – Sohrabji Godrej Green Business Centre

1030 hrs – 1045 Health Break

1045 hrs – 1200 hrs – Session 1: Green Supply Chain Supporting Net Zero

Session Chairman	Mr KN Rao Former Director – Energy & Environment ACC Limited
Low carbon buildings and built environment – An Architect Perspective on Green Products and Materials	Ar Shakuntala Ghosh Principal Architect and Partner Ghosh, Bose & Associates
Role of Cement and Building Materials towards Net Zero Buildings	Dr B N Mohapatra Director General National Council for Cement and Building Materials
Low carbon steel products	Mr Prabodha Acharya Chief Sustainability Officer JSW
Boards and Panels for reducing carbon footprint of Buildings	Mr Rahul Chopra CEO – Boards and Panels Business Division, Everest Industries Limited



1200 hrs – 1315 hrs – Session 2: Clean Technological Interventions for Net Zero Energy	
Session Chairman	Mr. Nanthagopalan TK Director – Sales, Ops & Service Johnson Controls India
Net Zero Energy – Approach and Strategies	Mr S Karthikeyan Principal Counsellor CII GBC
Solar PV Technological Options for Net Zero Energy	Mr Rohit Dhar Chief Operating Officer EMMVEE Photovoltaic Power Pvt Ltd
Energy Efficient Technologies to Approach Near Zero	Mr Ayaz Kamil Head – Energy & Performance Services (EPS) Smart Infrastructure Siemens Ltd
Waste to Energy – An Innovative Biogas Technology	Mr Joseph Arulappan CEO FOV Biogas India
1315 hrs – 1400 Lunch Break	
1400 hrs – 1515 hrs: Session 3 – Towards Net Zero Water	
Session Chairman	Dr. Nimish Shah Managing Director, IAPMO India
Water efficient fixtures for moving towards Net Zero Water	Mr Sudhanshu Pokhriyal CEO Brilloca Limited
Innovative wastewater treatment solutions	Mr. Amit Shah Global Head, Arvind Envisol Limited
Rainwater harvesting solutions for achieving water positive buildings	Mr Habil Attarwala Founder Furaat Earth Pvt Ltd
1515 hrs – 1530 Health Break	



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1515 hrs – 1630 hrs: Session 4 – Net Zero Waste to Landfill

Session Chairman	Mr Anup Mathew Senior VP and Business Head Godrej Construction
Zero Waste to Landfill – Opportunities and Challenges in India	Ms Wilma Rodrigues Founder & CEO SAAHAS Zero Waste
Recycling of Construction and Demolition Waste	Mr Abhijeet Gawde Head - Business Development & Marketing Godrej Construction
Extended Producer Responsibility – Initiatives from an Insulation Company	Mr Biswajit Roy Business Head-Building Insulation U.P. Twiga Fiberglass Ltd
Upcycling of plastic waste	Mr Deep Bhimani Marketing Director Milota Composites (Shubhwood)