India Decarbonization Conference

Shaping a Sustainable Future for the Built-Environment

15th - 16th December 2023

VENUE: Pride Plaza Hotel
AERO CITY, NEW DELHI
According to International Energy Agency, buildings represent around 37% of global energy use and energy-related CO2 emissions for their operation which also includes production of materials used for their construction.

Towards the aspect of energy consumption in a building, considerable energy is required to meet the cooling demand. India cooling demand is bound to grow by 11 times by 2037-38 compared to 2017-18 (India Cooling Action Plan, 2019), it will also have an upward impact on the energy demand for building operation.

ASHRAE Region At Large is enthused to introduce you to the upcoming ‘India Decarbonization Conference’ a transformative international event that will reshape the future of the built environment and cooling systems in India and in the region.

This distinctive conference will bring together professionals, expert and stakeholders to stimulate talks on sustainable design, implementation, and operation of the built environment featuring dynamic speakers, panels, audience engagement and technological exhibitions. The conference will cover a wide range of topics related to reducing carbon emissions and promoting sustainability in the HVAC&R industry and beyond. The potential themes and subjects in the conference include:

- Energy Efficiency in Buildings
- Renewable Energy Integration
- Sustainable Cooling Solutions
- Carbon Neutral HVAC&R
- Policy and Regulations
- Technological Innovations
- Economic and Social Impacts
- International Best Practices
- Challenges and Solutions

This International Conference is hosted and organized by ASHRAE India Chapter in support of Delhi Chapter of ISHRAE (DCI) and Indian Society of Mechanical Engineers (ISME) and AMCA ASIA.
IDC will focus on following key sectors for reducing carbon footprints.

One of the highlights of the conference will be an exclusive session dedicated to the transformative potential of the Internet of Things (IoT) and Data Analytics using Artificial Intelligence (AI) and Machine Learning (ML).

- Fundamentals of Decarbonization
- Enabling Policies for Decarbonization
- Case Studies of Best Practices
- Economics of Decarbonization
- Audience on the Spotlight
- Innovations in the Cooling Sector
Key Presence

“ASHRAE President Ginger Scoggins, President Elect. Dennis Knight and Vice President Ashish Rakheja will be there in the India Decarbonization Conference 2023.”

ASHRAE President, Ginger Scoggins, P.E., Fellow ASHRAE, is a licensed mechanical engineer with 32 years of experience. She is the President and Co-owner of Engineered Designs, Inc., North Carolina, a full-service engineering which she founded 22 years ago. Ginger is also a certified commissioning agent, as well as a certified energy manager, and works on the design and commissioning of projects ranging from $4 million construction cost up to $90 million construction cost. Her focus is on designing high-performing buildings across a wide variety of markets.

Dennis Knight, P.E., BEMP, Fellow Life Member ASHRAE, has 46 years' experience in the design, construction, commissioning, operation and maintenance of buildings and their HVAC systems. He is the founder and a principal of Whole Building Systems, LLC, a high-performance building consultancy, located in Charleston, SC. He is a member of the ASHRAE Epidemic Task Force and authored and co-authored several articles and publications on Building Information Modeling and Integrated Building Design during the past 40 years.

Mr. Ashish Rakheja is a seasoned Consulting Engineer who has designed over 4000 projects including Hotels, Airports, Data Centre, Hospitals, Retail, Residential, Commercial, High rises and Industrial projects. He is spearheading the green building movement in country since 2001 and currently serves as Chairman, Technical Committee at Indian Green Building Council (IGBC). Mr Rakheja is a Presidential member of ISHRAE (Indian Society of Heating, Refrigerating & Air conditioning Engineers) and first Indian to be elected as Vice President and serves on the Board at ASHRAE, USA.
Ms. Julie Godefroy & Mr. Luke Leung are influential thought leaders in the field of sustainability, who have graciously accepted our invitation to share their insights as speakers at the event.

Conference Take Away...

The "India Decarbonization Conference" will serve as a dynamic platform, uniting diverse stakeholders from governments, developers, owners, designers, consultants, contractors, and academia.

This convergence of voices will capture a holistic spectrum of viewpoints on the journey towards decarbonization.

Let's embark on this remarkable journey together, propelling our India and Region towards a greener, cleaner, and more resilient future.
RAL ASHRAE

Richie Mittal
DRC-ASHRAE RAL

Mohammed B Anbari, PE
RMCR

Osama Khyata
RVC-CTTC

Ahmed Bolbol
RVC-GAC

Adeeba S W Mehboob
ARC

Zeki Poryaz
Regional Representative

Ade Awujoola
SR-I Chair

Rupesh Umtol
SR-II Chair