



Chairman's Views



Mr. Madhavkrishna Singhania, Chairman, Green Cementech 2024, and Deputy Managing Director & CEO, JK Cement Limited, delivered the theme address for the inaugural session of the conference. "Unlike in the past, this last 5-7 years has been a remarkable period for the Indian Cement Industries with high demand and subsequently, a robust growth.

With very good financing happening in the sector, for achieving India's Net Zero target, Sustainable companies will be the Profitable companies", he said.

Confederation of Indian Industry – Sohrabji Godrej Green Business Centre (CII-GBC), in collaboration with the Cement Manufacturers' Association (CMA), successfully hosted the 20th edition of Green Cementech on 23 & 24 May 2024, at HICC, Hyderabad. This landmark event brought together industry leaders, experts, and stakeholders to discuss on the theme of our journey in the "Road towards Net-Zero Carbon", for the cement industry.

The 20th edition of the Green Cementech has shown a notable growth, with more than 50 national & international speakers shared their thoughts, experiences, and details of technologies that help improve energy efficiency of the cement industry. 400+ delegates participated in the conference. The event has accommodated as high as 50+ exhibitors, showcasing their latest technologies.

The conference kicked off with a warm welcome from **Mr. K S Venkatagiri**, Executive Director of CII-GBC, where he mentioned that the success of all the editions of the Green Cementech is mainly due to the support and initiatives taken by the Indian Cement industries, backed up by Chairman's Leadership and support for the same. **Mr. P V Kiran Ananth**, Deputy Executive Director of CII-GBC, provided context to the theme, emphasizing the urgency of the industry's transition to net-zero carbon emissions.

Mr. C Shekar Reddy, National Vice Chairman, Indian Green Building Council, said about the historic milestone achieved by IGBC, by completing over 13000+ Projects with green footprint of over 11.67 billion Sq. ft. There was also a MoU signing between IGBC and JK Cement Ltd. for reaching out to the stakeholders in Tier II and III cities and rural areas to make the small houses green with a unique tool called NEST Rating, made by IGBC.

Mr. Madhavkrishna Singhania, Chairman, Green Cementech 2024 and Deputy Managing Director & CEO of JK Cement Ltd., delivered the theme address, followed by a special address from **Mr. Neeraj Akhoury**, President, CMA and Managing Director of Shree Cements Ltd. Closing remarks were provided by **Mr. Raju Goyal**, Co-Chairman, Green Cementech 2024 and Chief Technical Officer at UltraTech Cement Limited.



Exchange of MoU between IGBC and JK Cement Ltd.

President, CMA – Views

Mr. Neeraj Akhoury, President, CMA and Managing Director of Shree Cements Ltd., in his special address, said that "The Indian cement industry is committed, as a responsible business sector, to supporting the nation's journey towards achieving net zero carbon". He also commended the Indian Cement industries on the very low Electrical and Thermal Specific Energy Consumption, going to as low as 665 kCal/kg clinker, on thermal SEC. "Sustainability is not merely a business imperative; it is a moral imperative", he said.



Co – Chairman's Views



Mr. Raju Goyal, Co-Chairman, Green Cementech 2024 and Chief Technical Officer at UltraTech Cement Limited, in his closing remarks at the inaugural session, said “Participation and Partnership among industries and technology suppliers are very important for the sustainability of this sector. Also, resource planning is very crucial for the Indian cement industries for their journey towards net-zero target”.

A significant highlight of Green Cementech event was the launch of the latest publication titled “**Greening Logistics: Electrification in Cement & Raw Material Transport**”, which explores the practical implications, benefits, and challenges of integrating electric trucks (E-trucks) into cement sector's operations.

An online “**Net-zero Benchmarking webtool**” was also launched during the event, which aims to facilitate low-carbon growth in the Indian cement industry by showcasing best practices and performance metrics in the sector.



Launch of Publication “Greening Logistics: Electrification in Cement & Raw Material Transport” and Net Zero Benchmarking webtool – 20th Green Cementech 2024

Presentations by many of the technology providers like Beumer Group, Bosch Ltd., FLSmidth, Gas Lab Asia, Gautam Solar, Innomotics, IKN Engg., ISGEC, KHD Humboldt, Knowledge Lens, Laminar, Mondi, Ramco Systems, Reitz India, Rockwell Automation, Shell India, Sunsire Energy, Thyssenkrupp, VTCorp, Zigma and other industry innovators focused on technological advancements and their impact on cement manufacturing efficiency and sustainability.



CII – Godrej GBC takes immense honor to felicitate senior industrial experts who have made significant and exemplary contributions to the Indian Cement industry. In this regard, **Mr. CK Birla**, Chairman, CK Birla Group, was felicitated as the **Distinguished Personality** of the year by CII Godrej Green Business Centre & Cement Manufacturers' Association, during Green Cementech 2024.

As Chairman of the CK Birla Group, he has led the group to excel in engineering, technology and manufacturing, firmly believing in

'Innovation and Transformation' for growth. His philanthropic efforts are notable, with The CK Birla Hospitals serving the needy for over 40 years, and institutions like BIT, Ranchi, and the Birla Institute of Art & Music showcasing his dedication to education and culture. Additionally, he supports rural and underprivileged communities through various projects. Known for his simplicity and ability to inspire, Mr. Birla is respected for his vast knowledge, trust in professionals, and encouraging work culture. The establishment of the CII Model Career Centre in Jaipur further highlights his commitment to enhancing career opportunities for the youth. Mr. C.K. Birla's impactful leadership and dedication to innovation and community welfare make him a deserving recipient of this honor. **Mr. Deepak Khetrpal**, Managing Director and CEO, Orient Cement Ltd., accepted the award on behalf of Mr. CK Birla.



Day 1 started off with an insightful panel discussion on the title “Journey Towards Green Future: Indian Cement Industry's Net-zero Roadmap”. This highly anticipated panel discussion delved into the strategies, challenges, and opportunities on the path to a net-zero carbon future for the Indian cement industry.

The panel consisted of eminent personalities like **Mr. Sumit Banerjee**, Independent Director, JSW Cement Limited, who was chairing the discussion. Other panelists of the discussion were **Mr. Joydeep Mukherjee**, Managing Director, Heidelberg Cement Limited, **Mr. Manoj Rustagi**, Chief Sustainability & Innovation Officer, JSW Cement Limited, **Dr. L P Singh**, Director General, NCCBM and **Mr. Raju Goyal**, Executive President & Chief Technical Officer, UltraTech Cement Limited. The panelists discussed on the roadmap for achieving net-zero emissions, the role of innovative technologies, and the importance of collaborative efforts of the industries and technology suppliers.



Panel Discussion on “Journey Towards Green Future: Indian Cement Industry's Net-zero Roadmap”



Various sessions were conducted during the day 2 of the conference, focusing on the key topics like Technological evolution in cement manufacturing process for Net-Zero transition, Digitalization and Industry 4.0, Technological advancement in Captive Power Generation, Advancements in Alternative Fuels Usage, Alternative / Renewable Energy Usage at Captive Power Plant, Innovative products for optimizing energy consumption in cement industry, Powering the Cement industry with Clean Energy & Green Logistics, Energy Efficiency in Waste Heat Recovery System, were presented.



The last session of the conference centred around Futuristic technologies for decarbonizing the cement sector. The speakers of the session were presenting on technologies about Decarbonizing cement industries through Electrical heating in kiln, Zero emission cement production, Commercialization of Limestone Calcine Clay (LC3) cement, Solar-driven clinker production and many other strategies to accelerate the journey of the Indian cement industry towards a net-zero carbon future and beyond.



Conference on “Energy Efficiency in Captive and Waste Heat Recovery Power Plants”



CII – Godrej GBC also parallelly organized the 8th edition of the Conference on Energy Efficiency in Captive and Waste Heat Recovery Power Plants on 23 & 24 May 2024 at HICC, Hyderabad. The main objective is to bring the industry together to exchange views & understand new technologies, facilitate continuous performance improvement in captive power plants, and thereby make Indian CPP sustainable and world class in green. The conference focused on Recent technologies for Captive power generation, Strategies for Energy Transition in Captive Power Plants, Alternative / Renewable Energy Usage at Captive Power Plant and Energy Efficiency in Waste Heat Recovery System.



Over 50+ technology providers showcased their latest products and services, offering delegates a hands-on experience with innovative solutions designed to support the cement sector’s net-zero ambitions.



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The 20th edition of Green Cementech concluded with a strong call to action, urging all stakeholders to adopt sustainable practices and technologies to achieve the shared goal of net-zero carbon emissions. The conference once again demonstrated the collaborative spirit and forward-thinking approach necessary to drive the cement industry towards a greener future.

For updates on Green Cementech:
<https://energy.greenbusinesscentre.com/mv/greencementech/>



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