

The CII - Godrej Green Business Centre and Cement Manufacturers' Association (CMA) organized the 21st edition of Green Cementech on 15 & 16 May 2025 at HICC, Hyderabad. The event brought together industry leaders, technology providers, and innovators to advance the Indian cement industry's path to net-zero carbon emissions. With a focus on cutting-edge technologies, alternative fuels, and sustainable practices, Green Cementech 2025 has set an inspiring transformative progress, with this year's theme being "Road towards Net Zero Carbon".



The 21st 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 helps to decarbonize the cement industry. 500+ delegates participated in the conference. The event has accommodated as many as 70+ exhibitors, showcasing their latest technologies.



The Green Cementech conference began with a heartfelt welcome from **Mr. K.S. Venkatagiri**, Executive Director of CII-GBC, who highlighted that the success of Green Cementech across its editions stems from the robust support and proactive initiatives of the Indian cement industry, bolstered by the Chairman's leadership and commitment. **Mr. P.V. Kiran Ananth**, Deputy Executive Director of CII-GBC, set the stage by underscoring the critical need for the industry to accelerate its journey toward net-zero carbon emissions. He also mentioned that Indian cement industry is setting benchmarks at the Global level.



Mr. Ajay Kapur, Chairman, Green Cementech 2025, and Managing Director, Ambuja Cements Ltd., Adani Group, delivered the theme address for the inaugural session of the conference following which **Dr. Raju Goyal**, Co-Chairman of Green Cementech 2025 and Chief Technical Officer and Chief Sustainability Officer at UltraTech Cement Limited, addressed the audience in the inaugural session.



Mr. Ajay Kapur talked about the importance of Sustainability practices to be followed by Indian cement industry, like using Biomass as Alternative fuel, Optimizing the Raw Mix design, usage of hydrogen-based transport vehicles and also about exploring the option of geopolymers cement. "Being sustainable is the new competition that makes you World leaders. The path ahead is challenging, but filled with opportunity - and today, I feel more optimistic than ever about what we can build together", he said.

**Mr. Ajay Kapur,
Chairman, Green
Cementech 2025**

Dr. Raju Goyal, in his closing remarks at the inaugural session, stressed to focus on the transportation emissions and also on the importance of exploring new technologies to be implemented in Indian cement plants. "Collaboration among industry and technology suppliers is very important for the sustainability of this sector", he said. He also mentioned about the importance of CII's Cement Benchmarking publication and its use.



**Dr. Raju Goyal,
Co - Chairman, Green
Cementech 2025**

Mr. S Sreekanth Reddy, said that "By committing to Net Zero, industry can not only contribute to the Global fight against climate change but also unlock numerous benefits that enhance their economic performance, operational efficiency & long-term sustainability". He further added Sagar Cements' commitment towards decarbonization by adopting various levers like the production of blended cements, Increased Alternative fuel usage, Solar power and WHRS.



**Mr. S Sreekanth Reddy,
Joint Managing Director,
Sagar Cements Limited**



**Mr. C Shekar Reddy,
National Vice
Chairman, IGBC**

Mr. C Shekar Reddy, talked about the historic milestone achieved by IGBC, by completing over 15,000+ Projects with green footprint of over 13.56 billion Sq. ft. "Cement and construction are not separate sectors, they are two sides of the same coin. And when both move in sync toward sustainability, we create an opportunity to redefine India's growth story—one that is climate-resilient, resource-efficient, and socially inclusive", he said.

Launches at Green Cementech 2025

A significant highlight of the event was the launch of the latest publication, "Energy Benchmarking for the Indian Cement Industry: Version 7.0" and a "Discussion paper on Green Hydrogen as an Alternative Fuel for Indian Cement Industry".

An online "Net Zero webtool for Cement Industry" was also launched during the event, which aims to facilitate low-carbon growth in the Indian cement industry by providing a decarbonization roadmap for the cement industry, based on the data input, and also various key performance metrics to decarbonize the sector.



Energy Benchmarking publication



Discussion paper on Green Hydrogen



Net Zero webtool for Cement Industry

During the inaugural session, a **MoU** was signed between Confederation of Indian Industry (**CII**) and The Global Cement and Concrete Association (**GCCA**), that will be instrumental in accelerating the collective efforts of both the organizations towards building a sustainable and decarbonized cement and concrete industry in India and to jointly facilitate national and global social and developmental contributions by the Indian cement and concrete industry.



Exchange of MoU between CII and GCCA

Day 1 started off with an insightful panel discussion on the title "**Cementing the Future: Strategies for a Net-Zero Carbon Cement Industry**". The panel discussion brought together leading voices from across the sector. Industry experts, policymakers, and sustainability champions shared actionable insights on decarbonization pathways, technology adoption, circular economy practices, and policy frameworks needed to accelerate the transition to net-zero.



The panel was moderated by **Dr. Raju Goyal**, Executive President & Chief Technical Officer, UltraTech Cement Ltd.,

and the other speakers of the panel discussion were **Dr. L P Singh**, Director General, NCCBM, **Mr. Surjith Reddy**, Executive Director, Dalmia Cement (Bharat) Limited, **Mr. Riccardo Savigliano**, Chief - Energy systems and Industrial Decarbonization Unit, UNIDO and **Mr. Ashish Ranjan**, General Manager, Alternate Fuel Trucks, Tata Motors. The discussion emphasized the importance of cross-sector collaboration, innovation, and long-term vision to align the cement industry with India's climate goals.



CII - Godrej GBC takes immense pride in felicitating senior industrial experts who have made significant and exemplary contributions to the Indian Cement industry. In this regard, **Mr. Mahendra Singhi**, Member of the Board of Directors & Strategic Advisor, Dalmia Cement, was felicitated as the **Distinguished Personality** of the year by CII Godrej Green Business Centre & Cement Manufacturers' Association, during Green Cementech 2025. Mr. Mahendra Singhi is a visionary leader who has made significant strides in promoting sustainability in the cement sector.



Another insightful panel discussion on Day 1 was on the topic "**Decarbonization Roadmap for Indian cement sector**". The panel discussion was moderated by **Mr. Kaustubh Phadke**, Indian Head, GCCA - Global Cement and Concrete Association, and the other speakers of the panel were **Dr. Raju Goyal**, Chief Technical and Sustainability Officer, UltraTech Cement Limited, **Mr. Vimal Jain**, Technical Director, HeidelbergCement India, **Mr. K N Rao**, Corporate Head (EHS, AFR, Energy & Sustainability), My Home Industries Private Limited, **Mr. P Sreenivasa Raju**, Vice President - Sustainability, Orient Cement, **Mr. Andrew Minson**, Concrete and Sustainable Construction Director, GCCA - Global Cement and Concrete Association. Experts discussed actionable strategies tailored to India's unique industrial landscape, including the integration of alternative fuels, clinker substitution, carbon capture technologies, and increased use of renewable energy.





Session on "Transforming Cement Industry through latest Technology and Innovation"

Yet another engaging session of the Day 1 conference, centred on **"Transforming Cement Industry through latest Technology and Innovation"**. The session featured presentations on energy-efficient transmission solutions tailored for cement plants and cutting-edge technologies for alternative fuel processing that enhance efficiency and reduce emissions.

Discussions also emphasized the importance of nurturing partnerships to build a robust and scalable AFR ecosystem. The session was chaired by **Mr. K N Rao**, Corporate Head (EHS, AFR, Energy & Sustainability), My Home Industries Private Limited, and the other panelists were **Mr. Murali Krishnan Kanagaraj**, Senior Process Specialist, FLSmidth Cement LLP, **Mr. Sachin M. Kulat**, General Manager, Powerbuild, **Mr. Swapnil**

Jadhav, Director, SIDSA, **Mr. Varun Boralkar**, VP, Zigma Enviro Global and **Mr. Asghar Raza**, Senior General Manager - MMV Segment, Schneider Electric. A key highlight was the exploration of the Green Cement Transformation, presenting holistic approaches to achieving a sustainable future through innovation, collaboration, and circular economy principles.

Various sessions were conducted during the day 2 of the conference, focusing on the key topics like Productivity Enhancement and Process Optimization, Sustainable Energy Solutions for the cement industry, Smart Cement Manufacturing: The Role of AI, IoT & Industry 4.0, Circular Economy & Cement: Accelerating AFR Adoption for a Greener Future and Decarbonizing Cement: The Role of Technology, Innovation & Upgrades, were presented.



Session on "Sustainable Energy Solutions for the cement industry"



Session on "Circular Economy & Cement: Accelerating AFR Adoption for a Greener Future"

Day - 2 sessions



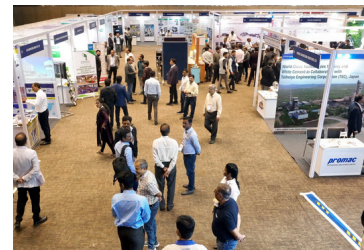
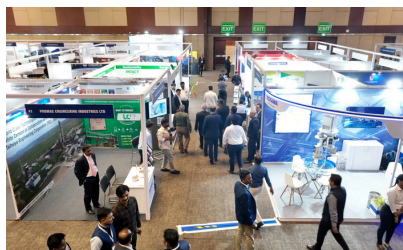
Session on "Productivity Enhancement and Process Optimization"



Session on "Decarbonizing Cement: Role of Technology, Innovation & Upgrades"

Presentations by many of the technology providers like ATS Conveyors India Pvt. Ltd., Beumer Group, Carbonetics, DCC Group, Duromech, FLSmidth Cement LLP, Fornax Technology, Fosbel India Pvt. Ltd., Fosroc Chemicals, Gebr Pfeiffer, Harden Machinery, IKN Engg., ISGEC Heavy Engineering Ltd., KHD Humboldt Wedag, Loesche, LV International, PHI Industries, Powerbuild, Ripik Technology, Schneider Electric, Shell Lubricants, SIDSA, TATA Motors, TKIL Industries, Yaskawa India, Zigma Enviro Global and other industry innovators focused on technological advancements and its' impact on cement production efficiency and sustainability.

Over 70+ 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 21st Green Cementech ended with a strong call to action, encouraging everyone to adopt sustainable practices and technologies to reach net-zero carbon goals. The event highlighted teamwork and forward-thinking ideas needed to guide the cement industry toward a greener future. It showcased innovative solutions and a shared commitment, emphasizing the need for urgent, collective efforts.

For updates on Green Cementech, downloading presentations and publications, please visit our website: [Green Cementech](https://www.greenbusinesscentre.com)

For accessing the Net Zero webtool, please scan this QR code -->



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