

# European Cement Decarbonisation Summit 2024

30th & 31st October 2024  
Hamburg, Germany

Accelerating the Sustainable Future for Cement  
and the Wider Value Chain

## Key Topics

- Analysing Market Projections and Future Outlook of Decarbonised Cement
- Unpacking Key Project Developments and Upgrades in Decarbonisation
- Improving Ongoing Efforts for 2030 and 2050 Targets & Regulations
- Enhancing Carbon Management for Cement Production
- Exploring the Full Scope of Alternative Fuels for Decarbonised Cement
- Cementing Industry and Governmental Relations Across the Wider Value Chain and Europe

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*Hamburg, Germany*

ACI's European Cement Decarbonisation Summit 2024 will be taking place on the 30th & 31st October 2024, in Hamburg, Germany.

The conference will address the industry's vital issues such as Carbon Management, Influencing Downstream Products and Cross-Industry Collaboration. The two-day conference will bring together senior executives from Cement Producers, Green Fuel Providers, Carbon Management Providers, Mining Companies, Concrete Manufacturers, EPCs as well as other influential stakeholders amongst the wider industry.



## Who Will Attend?

- Cement Producers
- Green Fuel Providers
- Carbon Capture Providers
- Mining Companies
- Concrete & Other End-Product Manufacturers
- R&D Scientists
- Regulatory & Policy Officers
- Technical Managers
- Consultants

## Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Luca Mircoli** using any of the following methods:

**Tel: +44 203 141 0619**

**Email: [lmircoli@acieu.net](mailto:lmircoli@acieu.net)**

**Online: <http://www.acieu.net>**

## Conference Fees

Conference (Includes Documentation Packet) 30th—31st October 2024	£1,995
Documentation Packet Only	£520

Members and customers of all supporting organisations are entitled to a discount off their conference package.



## Opportunities to Meet Your Target Audience In Person:

Showcase your technologies to the industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference. For information on available commercial opportunities, please contact:

**Venkat Paramasivam**

**+44 20 3141 0623 - [vparamasivam@acieu.net](mailto:vparamasivam@acieu.net)**

## DAY 1

Wednesday 30th October 2024

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**

09:10 **KEYNOTE ADDRESS**

### **Analysing Market Projections and Future Outlook of Decarbonised Cement**

- Evaluation of the wider value chain's current commercial growth and what projections are expected



Sebastian Reiter  
Partner  
**McKinsey & Company**

09:40 **PANEL DISCUSSION**

### **Improving Ongoing Efforts for 2030 and 2050 Targets & Regulations**

- Unpacking the EU and CO2 roadmap and future European sustainability targets that will play a major part in cement decarbonisation
- Ensuring low-carbon cement is approved for legal standards in construction and building
- Creating a standardised approach to regulating cement CO2 emissions



Haley Armstrong  
Partner  
**AJW Inc.**



Vincent Michel  
Go4Zero Programme Director  
**Holcim Group**



Ignacio Machimbarrena  
Chief Innovation Officer  
**Cementos Molins**

10:25 **MORNING REFRESHMENTS**

10:55

## **SESSION ONE**

### **Enhancing Carbon Management for Cement Production**

#### **Improving the Safety and Efficiency of CCUS using the Right Instrumentation**

- Enhancing the efficiency and reducing the uncertainty of carbon capture, utilisation, and storage (CCUS) processes relies heavily on deploying advanced instrumentation
- Integrating real-time data analytics into CCUS systems to enhance decision-making



Andreas Cordes  
Bus. Dev. Manager  
**Endress + Hauser**



- Adapting to an efficient and economical carbon capture process
- Focus on the transportation and storage of CO2 to reduce net emissions
- Evaluating the short/long-term potential of carbon utilisation for cement production
- Contextualising the wider impact on CO2 capture business models



Johan Gahnström  
Principal Consultant & Senior  
Advisor  
**Research Institute of Sweden**



Georg Locher  
Managing Director New  
Technologies  
**Schwenk Zement**



Burçin Temel McKenna  
Global Head of Carbon  
Capture  
**Ramboll Group**

12:10 **LUNCH**

13:10 **SESSION TWO**  
**Assessing Latest Developments in  
Energy Efficiency & Process Optimisation**

**Providing the Intelligence Layer to Your APC**

- Carbon Re's AI closed-loop integration of the pyroprocess is reducing fuel consumption and carbon emissions in plants globally



**Daniel Summerbell**  
Chief Solutions Officer  
& Co-founder  
**Carbon Re**

**Carbon Re**

- Innovations in Clinker production
- Deep dive into the calcination process and key areas for improvement
- Focus on developments of oxyfuel technology



**Peter Breithaupt**  
Scientific Officer  
**European Commission**



**Davide Zampini**  
VP, Global R&D  
**Cemex**

15:00 **AFTERNOON REFRESHMENTS**

15:30 **CONFERENCE PRESENTATION**  
**Scaling Low Clinker Cements to Deliver  
Radical Reductions in CO2 Emissions**



**Conor O'Riain**  
Managing Director,  
Europe  
**Ecocem**

**ecocem**

- Ecocem's proven technology, ACT, has a fraction of the carbon footprint with trials showing a 70% CO2 reduction compared to average European cement.

15:50 **SESSION THREE**  
**Exploring the Full Scope of Alternative  
Fuels for Decarbonised Cement**

**How to Enable a Greener Future in the  
Cement Industry**

- How renewable fuel types can support decarbonisation and CO2 reduction
- No « one fits all » solution but individual tailored solutions for diverse circumstances in the cement industry



**Svenja Baetz**  
Director,  
International Bus.  
Dev.  
**Brüning Group**

**BRÜNING  
GROUP**

**Syngas to Decarbonise the Cement Industry  
– Present and Future**

- Syngas to enable a significant reduction in absolute greenhouse gas (GHG) emissions.
- Cleantech technology that converts non-recyclable waste and biomass into clean energy, removing Chlorine content from the Syngas derived from SRF



**Andres Ponce**  
CEO  
**WtEnergy**

**WtEnergy**  
advanced solutions

**Understanding the Global Biomass Market  
and the Potential for Decarbonising the  
Cement Industry**

- Overview of the global market for biomass; availability & security of supply
- Biomass in heavy industry: decarbonising the cement industry



**Victor Smith**  
Bus. Dev.  
and Trading  
**CM Biomass**

**CM BIOMASS**

16:45 **CLOSE OF DAY ONE & NETWORKING  
DRINKS**

16:50 **NETWORKING DRINKS ADDRESS**



**Boris Rigault**  
Director – Decarbonized Heat  
and Industrial Processes  
**Siemens Energy**

**SIEMENS  
energy**

## DAY 2

Thursday 31st October 2024

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIR'S OPENING REMARKS**

09:05 **SESSION FOUR**  
**Unpacking Key Project Developments and Upgrades in Decarbonisation**

**Empowering Tomorrow: New Approaches, Actionable Insights and Frameworks for the Development of Large-Scale Decarbonisation Projects**

Providing actionable insights and frameworks for successful project management, technological integration, stakeholder engagement

- Economic feasibility to achieve a successful project execution



**Philip Glörfeld**  
Director Bus. Dev  
& Sales - Europe,  
Africa & CIS  
**thyssenkrupp**

**Qualification of the CESAR1 solvent for commercial deployment within the HEU project AURORA**

- Technology knowledge gaps covered in the AURORA project
- Piloting from small scale, medium scale to large scale pilot testing



**Hanne Kvamsdal**  
Senior Research  
Scientist  
**SINTEF**

Overview of the latest project landscape with

- consideration of sustainability and CO2 targets
- Analysis of current cost structure and funding for Europe's major ongoing/future projects



**Aris Tsikouras**  
Director, Decarbonisation  
Strategy  
**Titan Cement**



**Ali Abdelshafy**  
Head of Research Group/ Chair  
- Operations Management  
**RWTH Aachen University**

10:20 **MORNING REFRESHMENTS**

10:50 **CONFERENCE PRESENTATION**  
**Developing your Cement Decarbonisation Strategy: Prioritising Action for Long-term Competitiveness**

- Shell system methodology for co-creating asset-specific decarbonisation roadmaps for the cement industry
- Shell's first-hand experience of decarbonising assets, licensing technologies and providing low-carbon energy



**Guido Kuiper**  
Global Decarbonisation  
Consultancy Manager  
**Shell Catalysts & Technologies**



11:20 **SESSION FIVE**  
**Improving the Key Relationship Between Cement, Concrete and Other Cement-based Products**

**Low-emission Cementitious Adhesives**

- Insight into Henkel's decarbonisation strategy
- Upstream and downstream integration to successfully decarbonise cementitious



**Kimberly Simancas**  
Head of Sustainability,  
Construction Adhesives  
**Henkel**



**Marcel Soulier**  
Sustainability Manager  
**Henkel**

- How varying decarbonised cement content can affect concrete
- Ensuring CO2 targets met for cement also supports downstream sustainability targets



**Laura Stefanini**  
Concrete Technologist  
**Byrne Bros**

12:35 **LUNCH**

13:35 **SESSION SIX**

### How the Circular Economy Can Provide Further Sustainable Opportunities

- Utilising waste concrete and similar industrial waste as cement feedstock
- How byproducts produced can be re-used to improve decarbonisation



**Jan Skocek**  
R&D Program Manager  
CarbonationTechnologies  
**Heidelberg Materials**



**Diana Casey**  
Executive Director, energy and  
climate change, cement and lime  
**Mineral Products Association**



Speed networking in a meet & greet session

14:50 **PANEL DISCUSSION**

### Cementing Relations Across the Wider Value Chain and Europe

- How further collaboration between feedstock suppliers, cement producers and offtakers can accelerate decarbonisation efforts
- Unifying cross-border standards on cement transportation and aggregate waste



**Lorenz Lechner**  
Head of Decarbonisation and  
Transformation  
**Alpacem**



**Hervé Camerlynck**  
Managing Director  
**FEBELCEM**



Evening drinks reception sponsored by Chevron

15:35 **CHAIR'S CLOSING REMARKS**

15:45 **END OF CONFERENCE & AFTERNOON REFRESHMENTS**



Opportunities for facilitated networking and exhibiting