

decarb^{eu} connect

3-4 JUNE 2025

Hotel Okura, Amsterdam

Welcome Drinks: 2 June

Main Conference | Next Gen Awards | Private Networking Dinner: 3 June

Main Conference | Tata Steel Site Visit: 4 June

Confirmed Speakers Include:



Jan-Dirk Van Loon,
Senior Director of
Net Zero Strategy
& Execution for
Europe,
LyondellBasell



Philipp Roder,
Director CCUS
EMEA,
Cemex Espana



Faustine Delasalle,
Chief Executive
Officer, **Mission
Possible Partnership**;
Executive Director,
**Industrial Transition
Accelerator**



Henrik Brodin,
Head of Energy
Transition,
Sodra



Hans van der
Weijde, Director
Strategy,
Programmes
and External
Collaborations,
Tata Steel



Anna-Maria
Beregi Amneus,
Chief Sustainability
Officer,
SMA Mineral



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Decarb Connect Europe

ABOUT

The narrative is changing and a major shift is underway in the hard-to-abate sector as industries take concrete steps toward decarbonisation. With 2030 approaching, companies are refining strategies that balance cost-effectiveness, efficiency, and long-term impact. Reducing costs and ensuring a robust business model are as important as reducing emissions.

The challenge lies in meeting targets, fulfilling commitments to shareholders and clients against the backdrop of an uncertain geopolitical landscape. As governments worldwide introduce new policies, industrials must navigate complex decisions to develop a clear, adaptable path to net zero—one that combines immediate action with lasting transformation.

This June, Decarb Connect Europe will bring together 40+ expert speakers and 250+ industry leaders, including heavy emitters, technology innovators, and investors. Through focused discussions and strategic networking, the event offers insights and practical solutions to accelerate industrial decarbonisation.

Don't just keep up—lead the transition. Secure your place today.



Stay Competitive: Hear from the global leaders at the forefront of industrial decarbonisation willing to lift the lid on 2025 plans to decarbonise industry with **Holcim, Tata Steel, Arcelor Mittal, BASF** and many more.



Innovate the Process: Stay ahead of the curve as industry adapt to the ever-changing technological advancements available to the hard-to-abate sector, with varying solutions discussed to elicit efficient and cost effective decarbonisation results.



Navigate Policy Uncertainty: Leave with clarity around approaches to current European policy, and the rippling effect of US political change, as industrials gain invaluable face-to-face time with the relevant government officials and policy advisors.



Get Clarity on Financial Mechanisms: From defining 'bankable' investments to outlining the potential of carbon contracts for difference, maximise the time with financial experts to boost your financial security when investing in a lower carbon industrial future.



Grow Your Network: Capitalise on dedicated networking time, from dinners to speed networking sessions, designed to allow you to meet the entirety of the audience and substantially grow your circle within this passionate community.

With thanks to this year's advisory board:



Wim Van Der Stricht,
Technology Strategy – CO2 and Circular Economy,
ArcelorMittal



Tobias Dickmann,
Product Manager Green Portfolio,
Lhoist



Cynthia Imesch,
Sustainability Manager, Concrete
Sustainability Council



Lorenz Lechner,
Head of Decarbonisation and Transformation,
Alpacem



Jan-Dirk van Loon,
Senior Director of Net Zero Strategy & Execution for Europe,
Lyondel Bassell

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Ellina Levina
Head of Public Affairs
GLOBAL CCS INSTITUTE



It was a pleasure to attend Decarb Connect Europe....it was a very good event with an excellent level of panels, presentations and participants. Congratulations on this success!"



Tim Jaekel
Head of Net-Zero Business Hub
TOSHIBA



This was a great event to meet with stakeholders from different aspects of decarbonisation. I was very impressed with the content presented, the companies and organisations represented and the openness to networking."

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WHY ATTEND

Six Reasons You Should be There...



Design a cost-effective and scalable CO₂ transport strategy



Accelerate the adoption of alternative fuels such as biomass, biomethane, and biogas in your processes



Build a compelling business case to secure investment in innovative technologies, balancing sustainability with profitability



Connect with senior industry leaders through curated networking opportunities designed to spark meaningful and long-term partnerships



Anticipate and adapt your CO₂ strategies to meet shifting political and regulatory demands



Leverage cutting-edge technologies to accelerate progress toward net-zero goals

Unite the leading industrial players from across Europe, including Benelux, Central, Southern Europe and the Nordics, driving more collaborative handling of CO₂.

How are the hard-to-abate sectors switching to alternative fuels into high heat processes, with varying European biofuel legislations in play? Including exclusive insight from **Tata Steel** on current alternative fuel strategy.

Both mid-size and large-scale companies will share their experiences with **Alpacem** and **LyondellBasell** taking to the stage for this discussion.

From Europe's leading industrials to policy advisors to technology solution providers, leave with new contacts, as well as new ideas, to drive your decarb plans forward.

Hear from the **German Federal Ministry of Economics and Climate Action** on Carbon Contracts for Difference as a fundamental mechanism to ensure financial security in your decarbonisation investments.

Network with the leading providers from CCUS technology, to heat pumps, to software platform providers .

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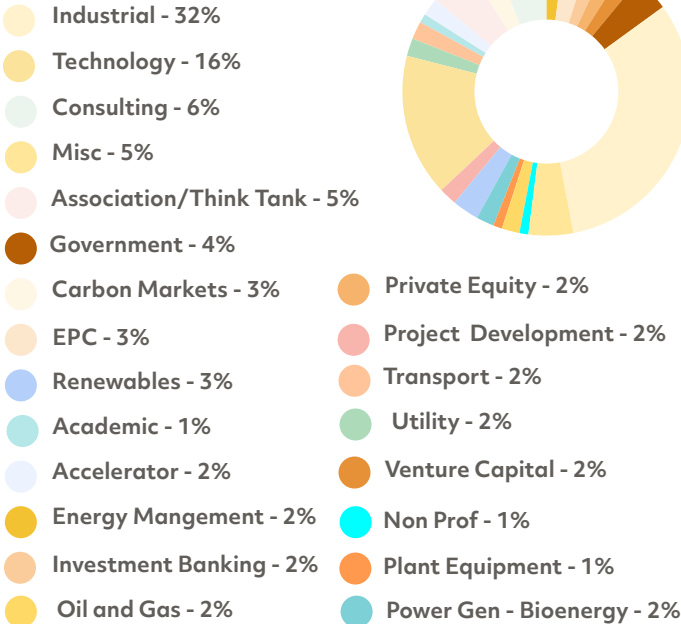
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Meet the Decarbonisation Ecosystem

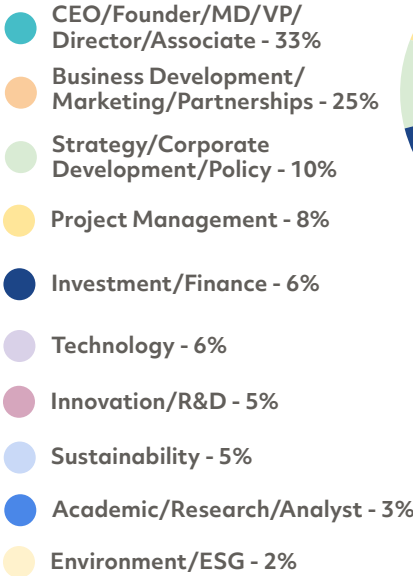
*Based on past attendees from Decarb Connect Europe 2024



Sector Breakdown



Job Function Breakdown



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FEATURED SPEAKERS



Faustine Delasalle, Chief Executive Officer, Mission Possible Partnership; Executive Director, Industrial Transition Accelerator

9:20AM | Tuesday 3rd June | Opening Keynote Presentation: The Countdown is On: What is the Current State of Play for Industrial Decarbonisation as the 5 Year Deadline Draws Near?

Faustine is a recognised thought leader and experienced partnership builder in the field of the energy and industry transitions. She pioneered work on heavy industry and transport decarbonisation, and initiated the creation of the Mission Possible Partnership. Faustine was pivotal in the creation of the Industrial Transition Accelerator (ITA), Prior to that, Faustine was the first Director of the Energy Transitions Commission (ETC). She spearheaded the ETC’s analysis on how to achieve net zero. She was also a Partner at the international systems-change firm Systemiq, where she created and led the Energy Transition practice.



Stefanos Mastrogiannis, Carbon Capture Utilisation & Storage Director, TITAN Cement Group

9:40AM | Tuesday 3rd June | Panel Discussion: Implementing Scalable CCUS Projects: What is the next big step in CCUS development in Europe?

Stefanos is an Experienced Technical Lead with wealth of experience in technical, operations, projects & leadership functions across different oil & gas, and recently cement, companies. He has joined TITAN Group last October as Carbon Capture Utilization Storage Director. In this role Stefanos leads the technical development of all CCUS projects within the Group, assessing and integrating available technologies into Group plant assets, deeply interacting with selected Licensors/Vendors and ensuring correct Heat/ Energy Integration between plant and new technology.



Hans van der Weijde, Director Strategy, Programmes and External Collaborations, Tata Steel

1:15PM | Monday 2nd June | Pre-Conference Roundtable: Implementation of Biofuels across Varying Business Models: What are the key business and economic considerations when utilising biofuels?

Hans is a materials scientist and engineer who initially specialised in surface related technologies. His main specialisation is in applied electrochemistry, metallic and organic coatings, corrosion and in metal packaging but as programme director the project portfolio’s covers a much wider area of the steel industry as well as applications of steel with a special focus on the changes that are needed to renew the steel industry towards a green future.

LEADING MINDS



Jan-Dirk Van Loon,
Senior Director of Net
Zero Strategy & Execution
for Europe,
LyondellBasell

Peter Saling,
Director
Sustainability
Methods,
BASF

Lorenz Lechner,
Head of
Decarbonisation
and Transformation,
Alpacem

Philipp Roder,
Director CCUS EMEA,
Cemex Espana

Cynthia Imesch,
Sustainability
Manager,
**Concrete
Sustainability Council**

Dieter Regnat,
Sustainable
Operations Manager,
Clariant

Martin Volmer,
Senior Manager
CO2 Transformation,
Lhoist

Faustine Delasalle,
Chief Executive
Officer,
**Mission Possible
Partnership;
Executive Director,
Industrial Transition
Accelerator**

Ebru Yildiz,
Sales Manager,
Emerson

Hans Korteweg,
Managing Director
COGEN Europe

Jerome Lucaes,
Chief Executive
Officer,
Fast Forward Zero

Stefan Van Laer,
Climate transition
developer – H2 &
CCUS,
**Port of Antwerp-
Bruges**

Dave Pearson,
Group Sustainable
Development
Director,
**Star Refrigeration
Ltd**

Chris Davies,
Senior Advisor,
CCS Europe

Roze Wesby,
Head of Business
Development
CCUS,
Holcim

Codie Rossi,
Europe Policy
Manager – Carbon
Capture,
Clean Air Task Force

Arjan Geveke,
Director,
**Energy Intensive Users
Group**

Ewa Marek,
Associate Professor,
**University of
Cambridge,
Co-Founder,
H2Upgrade**

Thomas Staehrfeldt,
Head of Group
Environment,
Omya

Juho Liponnen,
Coordinator,
**Clean Energy
Ministerial CCUS
Institute**

Bruno Symoens,
Project Leader,
AGC Glass Europe

Irene Dominguez,
Policy Manager,
Embodied Carbon and
Lead Markets,
Bellona Europe

Henrik Brodin,
Head of Energy
Transition,
Sodra

Stefanos Mastrogiannis,
Carbon Capture
Utilisation & Storage
Director
TITAN Cement Group

Anna-Maria
Beregi Amneus,
Chief Sustainability
Officer,
SMA Mineral

Man Yong Toh,
CEO,
Aeroborn

Joelle Marie
Juergensen,
Regional Lead DACH
& Benelux,
STRIVE by STX

Luis Novais,
Chief Commercial
Officer,
UTIS

Hans van der Weijde,
Director Strategy,
Programmes
and External
Collaborations,
Tata Steel

Alastair Hammond,
CEO,
Rezolv Energy

Paul Monaghan,
Head of
Sustainability,
Mannok Build

Mercedes
Maroto-Valer,
Director,
**IDRIC - Industrial
Decarbonisation
Research & Innovation
Centre**

Bruno Gerrits,
Business Development
Manager
Global CCS Institute

Jean-Luc Reboul,
CTO Team –
CO2 and Energy
ArcelorMittal

Thomas Fureder,
Managing Director,
Barclays

Adrien Berthier,
Decarbonisation
Project Manager,
Aluminium Dunkerque

Wim Reytiens,
Co-Founder,
Re:Wire Ventures

Christian Holzleitner,
Head of Unit for
Land Economy and
Carbon Removals,
Directorate-General
for Climate Action,
**European
Commission**

Thibault Cheisson,
Project Manager
for Biocarbon
Development,
Eramet

Dharmendra
Umarnani,
Head of Europe,
Process Electrification
Consulting,
Schneider Electric

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Aarti Barot
Sustainability Expert
HEIDELBERG MATERIALS



The conference was marked by genuine engagement and enthusiasm from all attendees, making it a truly enlightening experience."



Tobias Dickman
Manager of Green Portfolio
LHOIST



The event was a blast. One of the most valuable events in terms of news, networking and insights."

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Main Conference Agenda: Day One

TUESDAY 3RD JUNE

*Session timings and listed speakers are subject to change. For registered attendees, please refer to the event app for the most up to date agenda.

8:00AM - 8:50AM

Registration and Networking

Join us early – get your badge, avoid the queues and enjoy a coffee and light breakfast!

8:50AM - 9:00AM

Decarb Connect Welcome

Alex Cameron, Founder and CEO,

DECARB CONNECT & DECARBONISATION LEADERS NETWORK

9:00AM - 9:20AM

Opening Keynote: The Countdown is On: What is the Current State of Play for Industrial Decarbonisation as the 2030 Deadline Draws Near?

- What have been the greatest successes of the past 5 years across industrial decarbonisation?
- How are priorities and success metrics for the next 5 years being set
- What is the greatest source of innovation to drive success in coming years?
- Are ideas on the main barriers changing and, if so, what does that mean for industrial plans and deployments
- What should be prioritised in coming years to get ahead of curve for 2050 deadlines?

Faustine Delasalle, Chief Executive Officer, MISSION POSSIBLE PARTNERSHIP; Executive Director, INDUSTRIAL TRANSITION ACCELERATOR

9:20AM - 10:05AM

Industry Panel: Driving Efficiency for Industrial Decarbonisation: How do you develop a structured approach to decarbonisation strategy?

- How to make sure that a fair and global system is established, so EU-industry can remain competitive?
- How do you instil systematic efficiency when choosing between electrification, hydrogen, or other solutions?
- Hallmarks of a strategy that evaluates the entire energy system, process requirements and end goals
- Would alternative process designs or technologies achieve the same outcome more effectively?
- Economic factors: What investments are already planned? What is coming soon?

- How to create both short-term and long-term goals that can operate in parallel
- How do you promote collaboration between business development and sustainability teams to align with business model and growth?

Panellists:

Peter Saling, Director Sustainability Methods, BASF

Hans van der Weijde, Programmes and External Collaborations, TATA STEEL

Henrik Brodin, Head of Energy Transition, SODRA

Joelle Marie Juergensen, Regional Lead DACH & Benelux, STRIVE by STX

10:05AM - 10:25AM

Fireside Chat: Redrawing the energy map: Why South Eastern Europe is the next frontier for industrial PPAs

Alastair Hammond, CEO, REZOLV ENERGY

Alex Cameron, Founder & CEO, Decarb Connect

10:25AM - 10:45AM

Decarb Connect NextGen Awards Finalist Pitches

Hear from the tech disruptors that have made it through as a finalist for the CCUS Award, Decarbonising Industrial Heat & Electrification and Alternative Fuels (including hydrogen).

10:45AM - 11:40AM

Coffee Break & Speed Networking

Your exclusive opportunity to broaden your network in a controlled session allowing for introductions to be made, business cards to be exchanged, and lasting connections forged.

11:40AM - 12:00PM

Industrials Case Study: How to Decarbonise a Speciality Chemicals Company: Clariant's Journey

Clariant's ambitious climate commitment: 46.9% reduction in Scope 1 & 2 emissions by 2030 (vs. 2019 baseline). Already achieved 35% reduction by 2024, demonstrating strong progress. Our Three-Pillar Decarbonisation Strategy:

1. Green Electricity Transformation

- Significant impact achieved despite PPA implementation challenges

2. Smart Energy Efficiency

- Data-driven approach enhanced by AI applications
- Successful case studies demonstrate real-world impact

3. Fossil-to-Renewable Energy Transition

- High-impact potential with practical implementation considerations

Looking Beyond 2030: Addressing Future Challenges

- Strategic business alignment for sustainable growth
- Site-specific decarbonization roadmaps
- Introduction of Clariant's innovative net-zero scenario tool for informed decision-making

Dieter Regnat, Sustainable Operations Manager, CLARIANT

12:00PM - 12:45PM

Panel Discussion: How to drive decarbonisation development internally with a comprehensive business case?

- Ensuring value creation when developing a business case
- How to approach effective feasibility work to scope out the potential of future decarbonisation projects
- What are the fundamental differences when developing a business case for a mid-size company vs global corporation?
- How do you demonstrate and project a positive return on investment for decarbonisation initiatives?
- How do you account for policy and governmental uncertainty, whilst providing a long-term plan?
- Establishing accurate baselines and quantifying emissions reductions to support a business case
- Tackling conflicting priorities between sustainability goals and short-term financial performance?

Panellists:

Jan-Dirk Van Loon, Senior Director of Net Zero Strategy & Execution for Europe, LYONDELLBASELL


Lorenz Lechner, Head of Decarbonisation & Transformation, ALPACEM

Jean-Luc Reboul, CTO Team – CO2 and Energy, ARCELORMITTAL

Jerome Lucaes, Chief Executive Officer, FAST FORWARD ZERO

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TUESDAY 3RD JUNE

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12:45PM - 1:00PM

Ensuring Integrity Across the CCUS Value Chain with Advanced Automation

- Advanced Automation for CO₂ Capture and Transport: Emerson's cutting-edge measurement and control solutions increase capture efficiency while reducing energy consumption and process variability.
- Non-Intrusive Measurement Technologies: Ensure safe, reliable CO₂ flow and composition tracking without interrupting operations, critical for transport and injection phases.
- Smart Instrumentation + Data + Analytics: Unlock actionable insights with intelligent field devices and integrated analytics, enabling predictive maintenance and improved CO₂ system performance.
- Automated Compliance & Safety: Digital automation supports leak detection, emissions reporting, and regulatory compliance across the CCUS infrastructure.
- Pervasive Sensing in Metals & Mining: Drive decarbonization upstream deploy scalable, wireless sensor networks for energy, emissions, safety, and process visibility at Metals & Mining and cement sites.

Ebru Yildiz, Sales Manager, EMERSON

1:00PM - 1:10PM

Technology Quickfire Showcase

Carefully sourced, validated and selected technology companies matching the areas of decarbonisation tech that most registered guests are focusing on, will present on how they are innovatively working towards integratable industrial tecn to help decarbonise the hard-to-abate sector.

1:10PM - 2:20PM

Lunch & Networking

2:20PM - 2:40PM

Government Keynote: Perspectives on CCUS in the European Union

- Key role of CCUS for achievement of 2050 climate neutrality in the European Union
- The Industrial Carbon Management Strategy of the European Union
- CCUS in the EU Emissions Trading System – state of play and perspectives
- The EU ETS Innovation Fund as a key funding instrument for the deployment of CCUS
- Certification Framework for Carbon Removals

Christian Holzleitner, Head of Unit for Land economy and carbon removals
Directorate-General for Climate Action, EUROPEAN COMMISSION

2:40PM - 3:40PM

Private Discussion Roundtables: The Here and Now: What are the intermediate solutions to industrial decarbonisation?

Our roundtables are designed to be relaxed and intimate in format, under Chatham House Rule: allowing for an open dialogue and free flow of ideas in a trusted setting.

Table 1: Honing the Use of SCMs / Alternative Raw Materials and Alternative Fuels across the Hard-to-Abate Sector

- Can SCMs act as viable option to enhance sustainability, improve performance and reduce the environmental footprint?
- Overview of SCMs and the environmental impact of reduced clinker
- What is the impact on physical performance of cement with SCMs used?
- What are the projected advancements / challenges (e.g. new steel production routes) due to come to the fore in the SCM field?
- Balancing cost savings from SCMs with potential process and transport costs
- How does the cement industry work effectively with other industries (power plants, steel mills etc) to promote efficiency of SCM production, now and in the future?

Co-moderator:

Paul Monaghan, Head of Sustainability, MANNOK BUILD

Ebru Yildiz, Sales Manager, EMERSON

Table 2: Propelling the Use of Renewables – Long Duration Energy Storage

- Addressing intermittency and variability in renewable energy with LDES and alternative solutions.
- Challenges in scaling LDES, including policy gaps and financial barriers.
- Managing capital expenditures and key steps for broader adoption.
- Collaboration between energy suppliers and manufacturers for effective deployment.

Co-moderator:

Ewa Marek, Assistant Professor, UNIVERSITY OF CAMBRIDGE

Table 3: Supercharging an Electrified Process

- Unlocking efficiency and cost savings through industrial electrification.
- Leveraging electric heat generation for cleaner and more resilient operations.
- Strengthening grid infrastructure to enable seamless heat pump integration.
- Securing reliable access to green electricity and energy storage solutions.
- How do industrials intend to tackle challenges with grid infrastructure?

Co-moderator:

Anna-Maria Beregi Amneus, Chief Sustainability Officer, SMA MINERAL

Table 4: Benchmarking CO₂ Quality: What are the challenges and solutions to meeting standardised CO₂ quality targets?

- What are the greatest challenges to achieving standardisation for CO₂ purity?
- What are the current cost implications of cleaning CO₂?
- How the immense variability in CO₂ across industry impacts transport considerations?
- What are the current barriers to implementing high-precision, real-time monitoring of CO₂ purity?
- How to remove impurities at low cost and low energy consumption?

Co-moderator:

Bruno Symoens, Project Leader, AGC GLASS EUROPE

Table 5: Implementation of Biofuels across Varying Business Models: What are the key business and economic considerations when utilising biofuels?

- How to ensure a reliable, cost-effective and sustainable supply of biofuels to meet industrial demands?
- How to scale biofuels for large industrial projects?
- How does current policy uncertainty create risks in investment in biofuel projects?
- What are the infrastructure changes required to accommodate biofuels (and what are the cost implications?)
- How to demonstrate emissions reductions through biofuel use with robust carbon accounting?

Co-moderator:

Hans van der Weijde, Programmes and External Collaborations, TATA STEEL

Table 6: International CO₂ Transport Considerations: What are the barriers to multinational transport of CO₂?

- How to address the uncertainty around legal ownership and responsibility for CO₂ during and after transport?
- Are there positive role models outside the EU?
- Overcoming difficulty in international agreements for shared pipelines or shipping routes
- What are the differing CO₂ purity standards from country to country?
- How do industrials secure investment for these capital intensive projects?

Co-moderator:

Bruno Gerrits, Business Development Manager, GLOBAL CCS INSTITUTE

Main Conference Agenda: Day One

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3:40PM - 4:10PM

Networking Break

4:10PM - 4:30PM

Fireside Chat: Carbon Contracts for Difference: Understanding and capitalising upon this mechanism for financial security across industrial decarbonisation?

- How do CCfDs support innovative technologies such as hydrogen, CCUS and electrification?
- How can CCfDs help overcome green premium challenges?
- What do you need to consider with the duration of contracts and implications for investment planning?
- What are the opportunities for private-public partnerships to co-fund CCfDs?
- How do you navigate the CCfD auction process effectively? How to submit projects to auction?
- What are the key differences from country to country for CCfD and what are the alternatives

Panellists:
Martin Volmer, Senior Manager CO₂ Transformation, **LHOIST**
Patrick Huebner, Policy Officer, **FEDERAL MINISTRY FOR ECONOMIC AFFAIRS AND CLIMATE ACTION (GERMANY), DIVISION IVE3, CARBON CONTRACTS FOR DIFFERENCE (CCFD)**



4:30PM - 4:50PM

Building a Climate-Smart future with clean lime technology and CCU

- What is needed for successful decarbonisation projects with novel low carbon technologies regarding regulation, finance, permits and grid capacity?
- Case study of a novel decarbonisation project ZEQL in Mo I Rana, Norway. Combination of two projects, quick lime and e-SAF on same site.
- Turning CO₂ from hard to abate industry processes into new products locally, reduces CO₂ transports and supports circularity within industrial clusters.
- How does difficult regulation landscape for usage of CO₂ to products impact on finance, funding and circularity?
- Challenges and benefits of developing electrified new low carbon technologies and integrating them in traditional processes.

Anna-Maria Beregi Amneus, Chief Sustainability Officer, **SMA MINERAL**

4:50PM - 5:15PM

Award Ceremony: Next Gen Awards
We will announce the winners of the Decarb Connect Europe 2025 Next Gen Awards

5:15PM - 6:45PM

Networking Drinks

6:45PM

Networking Dinner



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Main Conference Agenda: Day Two

WEDNESDAY 4TH JUNE

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8:00AM - 8:30AM

Breakfast and Networking
Enjoy a coffee and light breakfast!

8:30AM - 8:40AM

Chair's Opening Remarks

8:40AM - 9:00AM

Presentation: Scoping the CCUS Landscape for 2025 and Beyond: What is the Current State of Play for CCUS across the Hard-to-Abate Sector in Europe?

- Overviewing global market status and growth of CCUS across Europe's hard to abate sector
- Spotlighting recent policy developments globally and the impact on CCUS implementation and progress
- Discussing the current hurdles facing CCUS across the European market
- Outlining what is next for CCUS and the future possibilities on the horizon

Bruno Gerrits, Business Development Manager, GLOBAL CCS INSTITUTE

9:00AM - 9:45AM

Panel Discussion: Implementing Scalable CCUS Projects: What is the next big step in CCUS development in Europe?

- Are industrial cross chains built effectively to support CCUS?
- Financing CCUS – what are the key challenges and solutions and who is creating the successful model?
- What are the steps required to implement a scalable CCUS project?
- What are the benchmarks for the quality of CO₂ required for carbon utilisation?
- The current government and policy considerations for CCUS

Moderator:
Juho Liponnen, Coordinator, CLEAN ENERGY MINISTERIAL CCUS INITIATIVE

Panellists:
Roze Wesby, Head of Business Development CCUS, HOLCIM

Codie Rossi, Europe Policy Manager - Carbon Capture, CLEAN AIR TASK FORCE
Stefanos Mastrogiannis, Carbon Capture Utilisation & Storage Director
TITAN CEMENT GROUP
Chris Davies, Senior Advisor, CCS Europe

9:45AM - 10:05AM

Industrial Case Study: Successful Integration of CCS Projects: A Case Study of CO2LLECT in Rüdersdorf for Large-Scale Industrial Decarbonisation

- Overview of the CO2LLECT Project in Rüdersdorf
- Exploring the technologies and processes used to capture CO₂ emissions
- Infrastructure and logistics requirements for transport of CO₂
- Insights into the geological storage options, site selection criteria, and safety measures for long-term CO₂ storage
- Laying foundations for effective collaboration between stakeholders: industry partners, government, and research institutions

Philipp Roder, Director CCUS EMEA, CEMEX ESPANA

10:05AM - 10:50AM

Panel Discussion: Spearheading Efficient Heat Decarbonisation: Driving innovation to tackle decarbonisation of heat across the hard-to-abate sector

- How is electric heat currently being used across industrial decarbonisation?
- Establishing a review to identify opportunities in heat generation, distribution, consumption, and how surplus heat could be recovered
- How to use both high-grade and low-grade waste heat for differing aspects of the industrial process?
- What is the current potential for large scale heat pump implementation across the industrial sector?
- Local District Heat Networks: Decarbonising heat in a community-wide initiative

Panellists:
Arjan Geveke, Director, ENERGY INTENSIVE USERS GROUP PANA
Hans Korteweg, Managing Director, COGEN EUROPE

Dave Pearson, Group Sustainable Development Director, STAR REFRIGERATION LTD
Dharmendra Umarnani, Head of Europe, Process Electrification Consulting, SCHNEIDER ELECTRIC

10:50AM - 11:20AM

Networking Break

11:20AM - 11:30AM

UC3® Technology - Patented Hydrogen utilisation to improve Combustion Efficiency

- How UC3® Technology Accelerates Energy Efficiency in Industrial Processes
- Innovation in Combustion: Hydrogen Injection for Enhanced Performance
- Sustainability in Action: Decarbonising Cement, Steel, and Biomass Sectors
- Real-World Impact: Case Studies and Implementation Outcomes
- The Future of Combustion: UC3® and the Energy Transition

Luis Novais , Chief Commercial Officer, UTIS



Main Conference Agenda: Day Two

WEDNESDAY 4TH JUNE

*Session timings and listed speakers are subject to change. For registered attendees, please refer to the event app for the most up to date agenda.

11:30AM - 12:30PM

Private Discussion Roundtables: The Future of Industrial Decarbonisation: How to ensure financial security and efficiency of projects moving forward in 2025 and beyond

Our roundtables are designed to be relaxed and intimate in format, under Chatham House Rule: allowing for an open dialogue and free flow of ideas in a trusted setting.

Table 1: Rationalising the Implementation of Hydrogen in Industrial Processes

- What are the key considerations when evaluating hydrogen projects?
- Why has hydrogen adoption in Europe plateaued?
- What market trends are emerging that may impact existing plans
- What's the timeframe for realising the CO₂ benefit from hydrogen?

Co-moderator:

Mercedes Maroto-Valer, Director, **IDRIC - INDUSTRIAL DECARBONISATION RESEARCH & INNOVATION CENTRE**

Table 2: Promoting a Strong Carbon Accounting Economy

- Segmenting carbon accounting for Scope 1, Scope 2 and Scope 3 emissions
- How to overcome the difficulties in obtaining precise emissions for scope 3?
- Creating standardisation in measurement and reporting
- How does carbon accounting drive transparency, investment, and even collaboration

Co-moderator:

Thomas Staehrfeldt, Head of Group Environment, **OMYA**

Table 3: Favorable Loans and Debt Arrangement for Successful Launch of Sustainability Projects

- Exploring green and, sustainability-linked loans vs blended finance models
- How to mitigate risk and improve bankability
- How to ensure transparency in reporting of decarbonisation criteria to ensure loan terms are met
- How will Taxonomy influence the sustainable finance sector?

Co-moderator:

Thomas Fureder, Managing Director, **BARCLAYS**

Table 4: From Emissions to Assets: The Business Case for CO₂ Utilisation

- Economic Comparison: Compare ROI of CO₂ utilization versus traditional carbon storage.

- Market Opportunities: Explore profitable markets for carbon-derived products and materials.
- Practical Implementation: Review integration of CCU technologies with existing industrial processes.
- Operational Considerations: Discuss energy optimization for economically viable carbon utilisation.
- Future Outlook: Identify emerging applications driving commercial CCU adoption.

Co-moderator:

Man Yong Toh, CEO, **AEROBORN**

Table 5: Spotlighting the Emerging Biofuels – What does the future hold for Biogas, Biomethane, Biochar?

- What are the current consumption trends of biogas, biomethane and biochar across the hard-to-abate industrial sector?
- Who might be able to leverage biomethane as a 'drop in'solution?
- Is there real political drive to use biomethane for thermal energy?
- Which biofuel is most applicable for specific industrial process characteristics?

Co-moderator:

Thibault Cheisson, Project Manager for Biocarbon Development, **ERAMET**

Table 6: Optimising Industrial to Operator Collaboration: How are CO₂ transport operators currently viewing industrial carbon transport options?

- How to overcome the high upfront costs and regulatory hurdles in pipeline development?
- What are the relative benefits and costs of shipping, rail and track for CO₂ transport?
- How might the current state of multimodal transport impact plans?
- How can industrials work to make transport more efficient and economically viable?

Adrien Berthier, Decarbonisation Project Manager, **ALUMINIUM DUNKERQUE**

12:30PM - 12:50PM

Fireside Chat: Spotlighting Green Public Procurement: Shifting the current public perception to incentivise green premiums?

- How can public buyers and industry work together to develop a procurement roadmap that ensures both affordability and sustainability over time? What mechanisms can help predict and manage the evolving costs of green products?
- What are the key challenges public buyers face when assessing the return on investment (ROI) for green products, and how can industry and policymakers support better decision-making in this regard?
- What role should environmental labeling and certification play in green public procurement, and how can we ensure that such mechanisms support both sustainability goals and fair market access for all suppliers?
- What are the most effective strategies to encourage public procurement authorities to prioritize sustainable purchasing decisions?
- What mechanisms can enhance transparency in supplier-buyer relationships to prevent greenwashing while fostering genuine sustainability in public procurement? How can industrial suppliers support public buyers in assessing and justifying green premiums within procurement frameworks?

Panellists:

Cynthia Imesch, Sustainability Manager & Coordinator, **CONCRETE SUSTAINABILITY COUNCIL**
Irene Dominguez, Policy Manager, Embodied Carbon and Lead Markets, **BELLONA EUROPE**

12:50PM - 1:40PM

Lunch and Conference Close

Post-Conference Site Tour: Day Two WEDNESDAY 4TH JUNE

*Session timings and listed speakers are subject to change. For registered attendees, please refer to the event app for the most up to date agenda.

Tata Steel IJmuiden Site Tour

1:15PM - 4:30PM

Discover the Future of Sustainable Steelmaking

Embark on guided tour through one of Europe’s leading steel production sites with the **Tata Steel IJmuiden Site Tour**. This immersive experience offers a behind-the-scenes look at the full steelmaking process - from raw materials to high-quality finished products.

You'll gain insight into Tata Steel's groundbreaking sustainability initiatives, including its ambitious **path to green steel production** and efforts to significantly **decarbonise** its operations. Learn how innovation and environmental responsibility go hand-in-hand in shaping the future of the steel industry.

During the bus tour, visitors will explore key facilities such as the Hot Strip Mill and the Hot Dip Galvanising Line, while guided presentations provide context on Tata Steel’s commitment to **reducing carbon emissions** and **investing in cutting-edge technologies**.

Whether you're a sustainability enthusiast, industry professional, or simply curious about modern steel production, this tour is an eye-opening experience into how Tata Steel is driving positive change in the sector.

1:45PM

Arrival

2:00PM

Company Introduction & Sustainability Overview

During a short presentation on board, guests will be introduced to Tata Steel's operations in IJmuiden, with emphasis on its environmental strategy - including the roadmap to green steel and ongoing decarbonisation projects.

2:15PM

Start of Site Tour

The tour begins with a guided bus journey across the site, offering insight into the layout, logistics, and infrastructure of the integrated steel plant.

3:00PM

Hot Strip Mill (WB2)

Guests will observe the hot rolling process, where semi-finished steel slabs are processed into coils. The mill's role in efficient, high-quality steel production will be discussed.

3:45PM

Hot Dip Galvanising Line (DVL)

This stop showcases one of the coating lines where steel is galvanised for corrosion resistance. The process supports long-lasting products and aligns with Tata Steel's focus on material efficiency. be discussed.

4:30PM

Tour End

Tour concludes with optional Q&A or follow-up discussion opportunities.

5:00PM

Arrival back at Hotel Okura



Partnership Opportunities

GET INVOLVED

Decarb Connect Europe brings together the entire ecosystem across industrial decarbonisation. The event provides endless opportunities for thought leadership and to showcase latest tech innovations to reach industrials and investors seeking decarbonisation services and solutions.

Why partner with us?

- Connect with existing and new clients - we are seeing partnerships form directly from our conferences.
- Engage with industrial manufacturers seeking services and solutions to help refine their roadmap to decarbonisation.
- Access all conference and plenary sessions to learn more about specific industry objectives across cement, steel, glass, chemical and more.
- Stay up to date with the latest climate tech innovations by meeting FOAK, series A and B technology companies presenting the next solution to reduce carbon emissions.

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What we can offer:

Sharing your Expertise



Take to the main stage, host a roundtable session or run your own private workshop – we have a number of opportunities to position yourself as a thought leader in a room full of senior decision-makers.

Building Relationships



Take advantage of the multiple networking opportunities, fill your diary using the on-site app and make sure to connect with them at your booth or private meeting room. Get the special treatment, we can guarantee introductions to your top prospects to ensure you and your team make the most of every conversation.

Drive Awareness through Branding



Branding at Decarb Connect EU can be so much more than just signage, we have a range of packages... including: drinks receptions, dinners, next gen award sponsorship, lanyards and more. A great way to get your brand in front of prospective customers.

Extend your Partnership



Why stop at just one event? We can offer a multitude of year-round engagement opportunities with your audience through private live or virtual events, webinars, reports and more. You need at least seven touch points to connect with a stakeholder, why not work with us on all seven?

RECOGNISING INNOVATION



Decarb Connect Next Gen Awards

The Decarb Next Gen Awards 2025 is designed to recognise start-ups have conceived and developed a breakthrough technology with the potential to accelerate industrial decarbonisation for the hard-to-abate sectors.

The award categories this year:



CCUS – We are looking for entries that demonstrate how they are pushing the boundaries of carbon capture technology and can show a clear vision for how their solution can evolve to commercial scale. We want to see how they overcome the commercial and technical challenges and what sets them apart from the competition.



Decarbonising Industrial Heat and Electrification – We are looking innovative, efficient and viable solutions that have real world applications for energy intensive sectors. Entries must demonstrate both novelty of the solution, the application and business model.



Alternative Fuels including Hydrogen – This award is open to those who are working in any aspect of the value chain to support the switch away from fossil-based fuels and can demonstrate their real-world application.

APPLICATIONS CLOSED

Criteria:

Applicants should demonstrate technical innovation that has real world application and potential for large scale roll-out. **Entries will be considered based on:**

- **Innovation** – how novel is the solution?
- **Feasibility of the technology** – What is the perceived TRL?
- **Stage in the funding journey** – How much has been raised?
- The size and nature of the addressable market
- What is the commercial strategy/ business model?
- The scale of the potential climate impact

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Why Enter?

Benefits & Prizes

Shortlisted applicants:

- Will be invited to attend the Decarb Europe event to pitch in the final round to an audience of C-suite executives from industry, investors and policy makers
- Will have the opportunity to take a stand in the exhibition alongside other technology solution providers at a preferential rate
- Will be able to attend two member-only DLN sessions within a 12-month period
- Will be able to record and post a video on the DLN members-only platform

Winners receive all of the above plus:

- Will be featured on the post show report and highlighted in the Decarb Connect Newsletter and across social channels
- Will be able to attend four member-only DLN sessions within a 12-month period
- Will be able to record and post a video on the DLN members-only platform
- Will be invited to feature on the Decarb Connect Podcast.
- Will have the opportunity to have a 1 hour call with one of the awards judges.

APPLICATIONS CLOSED

2024 Next Gen Award Winners

Category 1 - CCUS



Category 2 - Alternative Fuels - Biomass, Hydrogen, Wind and Solar etc.



Category 3 - Circularity - CO2 reuse, CO2 utilisation technologies



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Nando Leerentveld
Carbon Reduction Strategy
Manager
TATA STEEL



Decarb Connect is our moment to meet highly knowledgeable people in one place with one common goal: To decarbonise the hard-to-abate industries."



Giovan Batista
Group EHS and Sustainability
Director
AFV BELTRAME GROUP



The event represented a good opportunity for an insightful view on decarbonisation patterns followed by hard-to-abate industries and for promoting best practices and mid-term solutions...Meeting people with different visions on decarbonisation but with the same positive mindset."

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Hardtech (Series A)	€799	€1,099	€1,499	€199	€199
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*The industrial rate, is only applicable to those setting decarbonisation strategy and deploying CO2 plans in industrials which manufacture cement, metals, chemicals, refined products, glass, ceramics.

All prices are in EUR. Please note 21% sales tax will be added to your booking. Discounts cannot be combined with any other offer unless otherwise noted. Payment is required upon registration. We reserve the right to refuse admission to the conference if payment has not been received. You may substitute delegates at any time by providing at least 14 days' notice. For any cancellations, please take a look at our full terms & conditions.

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