



Carbon Capture Conference and Exhibition Europe 2025

27-28 January, 2025 | Amsterdam, The Netherlands

Sponsors and Media Partners :



Day 1 | Monday, 27 January, 2025

08:30 - 09:20

Breakfast and Registrations

09:20 - 09:30

Welcome Speech

09:30 - 10:00

Building, Owning, and Operating Large Scale CO2 facilities - Latest development from projects in execution

- Leveraging experiences from more than 150 CO2 plants globally
- Flexibility of business models: The unique combination of engineering, financing, and operational experience
- Linde CO2 infrastructure and utilization capabilities
- Case story: carbon capture and oxyfuel application in cement industry

Omar Aoun
Linde GmbH, Linde Engineering



10:00 - 10:30

Reserved Presentaton Slot

10:30 - 11:00

Coffee and Networking Break

11:00 - 11:30

Moving from pilot to industrial – Accelerating CCS projects deployment

- Brief description of Ravenna CCS
- What's missing to get to FID Ravenna and other projects
- CO2 as an opportunity from a T&S operator viewpoint

Paolo Testini
Snam S.p.A.



11:30 - 12:00

State of CCS in Alberta, Canada: Perspective of an Oil and Gas Economy with Carbon Taxation Framework Transitioning to Net Zero

- Alberta, an early adopter of carbon tax (2008), has a strong oil and gas economy with significant onshore pore space and CCUS infrastructure.
- The presentation reviews emerging opportunities and challenges in large-scale CCS projects, focusing on economics vs. performance in capture technology.
- It also addresses environmental impacts like water use and secondary emissions, and best practices for large-scale sequestration.

Grace Meikle
Emissions Reduction Alberta



12:00 - 13:30

Lunch and Networking Break

13:30 - 14:00

SLB Capturi: Making Carbon Capture happen now

- To achieve decarbonization ambitions, especially in hard-to-abate industries like Waste-to-Energy and Cement, acceleration is enabled through the deployment of modular CO2 capture plants.
- SLB Capturi is currently the only company in Europe building large-scale carbon capture plants, with the modular project at Twence, the Brevik project mechanical complete and the biomass projects at Ørsted in progress.
- What do actual projects look like and what learnings for further modularization have been distilled from them?

Pim van Keep
SLB Capturi

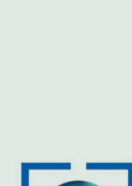


14:00 - 14:30

Navigating the Policy Landscape: Regulatory Challenges and Opportunities

- Brief overview of the latest policy and regulatory developments on CCS in the EU
- Case studies addressing two pressing regulatory challenges in the EU
- Potential next steps post-EU elections (June 2024) and formation of the new College of Commissioners

Mathilde Blanchard
Global CCS Institute



14:30 - 15:00

Reserved presentation Slot

15:00 - 15:30

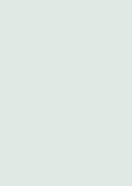
Coffee Break

15:30 - 16:00

CO2 to Fuel: decarbonising transportation through e-fuels

- A brief market overview showing the demand dynamics for efuels
- The complexity of these projects, including integration of CO2 capture, Hydrogen production & e fuel production
- The risks including environmental, regulatory, technical limitations & economic
- The opportunities and insights, including the benefits of sector coupling and co-electrolysis

Duncan McLachlan
io consulting



16:00 - 16:30

Reserved Presentaton Slot

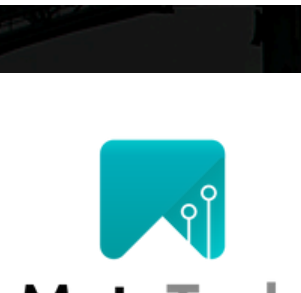
16:30 - 16:40

Closing Remarks

16:40 - 17:30

Drinks Reception and Networking Session

End of Day 1



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Sponsors and Media Partners :



Day 2 | Tuesday, 28 January, 2025

08:30 - 09:20

Breakfast

09:20 - 09:30

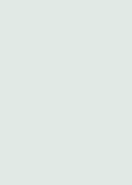
Welcome Speech

09:30 - 10:00

Stella Maris CCS - Large scale Maritime Infrastructure for CCS

- Large Scale equals Low Cost: Implementing large-scale CCS infrastructure results in reduced costs per unit.
- One Stop Shop relation to the client: Provides comprehensive CCS services, simplifying the client's experience.
- Complete CCS Value Chain: Encompasses CO2 collection, transportation, and offshore offloading and injection.
- Key Advantages: Offers low unit cost per ton CO2 injected, high flexibility, independence from other infrastructure, and global applicability.

Frank Wettland
Altera New Ventures



10:00 - 10:30

Reserved Presentaton Slot

10:30 - 11:00

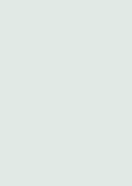
Networking Break

11:00 - 11:30

Quality over quantity: How can we ensure the carbon removals the world needs are sustainable?

- Scale Sustainably: Deploy carbon removal technologies rapidly while ensuring sustainability for people and the planet.
- Prioritize Quality: Focus on delivering high-quality, impactful carbon removals.
- Ethical Deployment: Implement solutions guided by best practices and sustainability principles.

Alicia Newton
Drax

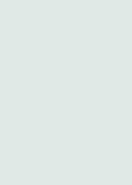


11:30 - 12:00

Accelerating Net-Zero: Digital Innovations and Strategic Models for CCUS Success

- Explore pivotal deliverables for CCUS success, emphasizing a 120-fold increase in adoption to capture 4.2 GTPA of CO2.
- Unveil a comprehensive business model for CCUS, focusing on digital technologies for energy optimization and carbon credit trading.
- Highlight the importance of meticulous TOTEX management, leveraging AVEVA and ETAP software, and Schneider Electric hardware
- Examine the potential of blockchain technologies to enhance transparency and trust in carbon and Blue Hydrogen markets

Roy Calder
AVEVA



12:00 - 13:30

Lunch Break and Networking Session

13:30 - 14:00

Reserved Presentaton Slot

14:00 - 14:30

Panel Discussion: European Investment Strategies for Scaling Carbon Capture Technologies

- Scaling technologies and fostering public acceptance
- Leveraging industrial synergies, like waste heat, to reduce costs
- Aligning EU policy with global incentives (e.g., U.S. 45Q tax credits)
- Balancing investment strategies and testing for cost-efficiency
- Addressing barriers to non-pipeline infrastructure and cross-border CO2 transport

René Haas - NeoCarbon
Robert Jutson - Griffin Capital

14:30 - 15:00

Cross-border cooperation: accelerating a CO2 Europe-wide market

- Importance of establishing a Europe-wide integrated CCS market to offer timely solutions to industry access to storage sites across the EU, the EEA and third countries.
- Analysis of cost benefits for EU emitters to transport and store CO2 in EEA countries and third countries, such as the UK.
- Opportunities and Challenges for cross-border cooperation between the EU and third countries: example of the UK - outline of the existing technical and legal barriers to such cooperation

Joop Hazenberg
Carbon Capture and Storage Association



15:00 - 15:30

Coffee Break

15:30: 16:00

What Is After Carbon Capture?

- Energy transition to renewables is essential due to depleting natural resources.
- Emission reduction efforts include selecting carbon-free sources, enhancing hydrocarbon efficiency, developing green tech, offsetting emissions, and carbon capture.
- Decisions on carbon capture are driven by politics, finance, infrastructure, education, resource access, and the need for significant uses of captured carbon.

Nasser Al-Arjani
aramco



16:00 - 16:30

The challenge of carbon capture in highly diluted CO2 environments. An Approach to promising technologies

- Innovative polymers for membrane separation technologies.
- Hybrid systems for CO2 capture.
- New adsorbent materials suitable for low CO2 concentration emissions in VPSA technologies.

Adolfo Borrás
AIMPLAS



16:30 - 16:40

Closing Remarks

16:40 - 18:00

Drinks Reception and Networking Session

End of Day 2