

# ConsenCUS End Conference Day 1: May 14, 2025

Our moderator Earl Goetheer will explore CCUS in the context of achieving net-zero industry clusters in the EU with several experts from the project and beyond.

10:00 **Doors open**

10:30 **Opening Ceremony** by Dirk Koppert, Projectleader ConsenCUS

## Topic 1: Vision on CCUS in EU Net-Zero Industry Clusters

10:45 **Introduction to the Net-zero Framework & ConsenCUS' Role**

*An overview of the net-zero concept, its necessity, and how ConsenCUS contributes uniquely.*

By Mijndert van der Spek, Associate Professor at Heriot-Watt University

11:05 **Interactive Q&A Session**

11:10 **Current State of CCUS Adoption in EU Industry**

*Insight into sector-specific CCUS adoption, financial aspects, logistical needs, & infrastructure challenges.*

By Prof. Dr. Earl Goetheer, CTO at Hight Tech XL

## Coffee break

## Topic 2: Building Blocks for Net-Zero Industry Clusters

12:05 **Design & Economic Optimisation of CCUS Value-Chains**

*Examination of cluster optimisation models and cost-effective CCUS integration strategies.*

By Evrin Ursavas, Professor of Energy Logistics at University of Groningen

12:25 **Temporary CO<sub>2</sub> Storage Solutions**

*Overview of temporary storage strategies and their importance in CCUS chains.*

By Nikolai Andrianov, Senior Advisor at GEUS

12:45 **Interactive Q&A Session**

## Lunch Break & Speed Dating Activity

## Topic 3: Social Acceptance and Policy Landscape of CCUS

13:55 **Community Awareness & Acceptance**

*Findings from qualitative evaluations of community engagement, acceptance barriers, & recommendations.*

By Kostas Stavrianakis, Environmental Social Scientist at Robert Gordon University

14:15 **Policy Landscape & Strategic Narratives**

*Analysis of EU policy frameworks and strategic communication strategies for CCUS implementation.*

By Luciana Miu, Head of Clean Economy Programme at Energy Policy Group

12:45 **Interactive Q&A Session**

14:45 **Closing Remarks & Preview of Day 2**

By Dirk Koppert, Projectleader ConsenCUS en Project Manager at New Energy Coalition



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# ConsenCUS End Conference Day 2: May 15, 2025

09:45 **Doors open**

10:00 **Kick-off & Recap of Day 1** by Dirk Koppert, Projectleader ConsenCUS

## Topic 1: Technological Innovations and Demonstration Results

10:05 **Deep Dive: Innovative CO<sub>2</sub> Capture & Conversion Technologies**  
*Detailed explanation of CO<sub>2</sub> capture through alkaline absorption and electrochemical regeneration, and innovative CO<sub>2</sub> conversion processes.*

By Sara Vallejo Castaño, Chemical Engineer at Wetsus & Alisson Marques, Team leader at Coval

10:35 **Interactive Q&A Session**

10:45 **Panel Discussion: Industry Demonstrations & Results**  
*Practical insights, experiences, and lessons learned from industrial CCUS demonstrations.*  
Moderator: Dirk Koppert, Project Manager New Energy Coalition  
Panellists: Philip Fosbøl, Associate Professor at DTU, Jesper Damtoft, Group Sustainability Director at Aalborg Portland, Haris Giannoulakis, R&D Manager at Grecian Magnesite & Madalin Apostol, sr. manager special projects at OMV Petrom

## Coffee break

## Topic 2: Techno-Economic Performance and Future Directions

12:00 **Techno-Economics & Feasibility Studies**  
*Presentation of economic analyses, comparative feasibility studies, and implications for CCUS scalability.*  
By Mijndert van der Spek, Associate Professor at Heriot-Watt University

12:15 **Environmental Performance Assessment of ConsenCUS Technologies**  
*Outcomes from lifecycle assessments highlighting environmental benefits and impacts.*  
By Akis Antonoudis, research associate and Ilias Kakanis researcher at CERTH

12:30 **Discussion on Research Gaps & Next Steps**  
*Identifying research opportunities, addressing gaps, and defining future directions.*  
Philip Fosbøl, Associate Professor at the Technical University of Denmark

12:45 **Conference Wrap-up & Reflections**  
By Dirk Koppert, Projectleader ConsenCUS en Project Manager at New Energy Coalition



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