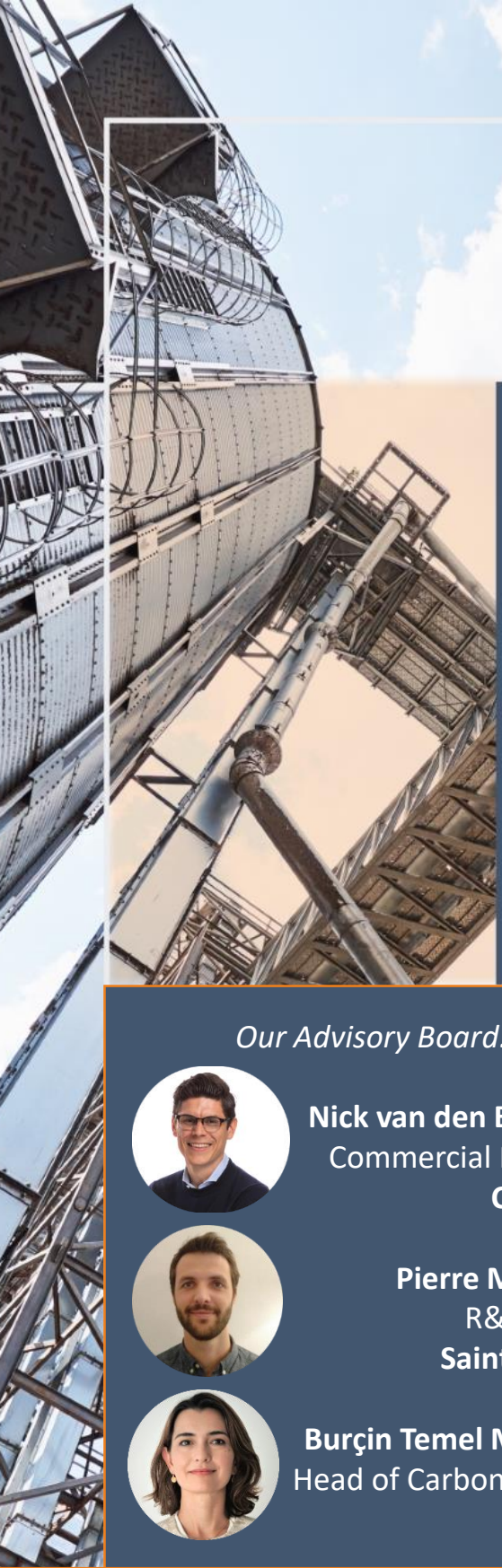

FORTES

Industry CCUS Conference

29-30 November 2023

Rotterdam, Netherlands

Our Advisory Board:

Nick van den Boogaart
Commercial Manager
CO2 Next

Pierre Millereau
R&D center
Saint-Gobain

Burçin Temel McKenna
Head of Carbon Capture
Rambøll

KEY TOPICS

- New regulations and funds in CCUS and their effects on industry
- EU policies: the future of Fit-for-55
- CAPEX & OPEX of CO2 usage in various industries
- CCUS for reducing costs
- Technological advancements for carbon utilisation in end-user production
- Refining combinations or possibilities to store CO2 with systems providing security of storage
- CO2 in E-fuels production
- Creating negative emissions markets of the future across industries
- Strengthening CO2 potential as raw material
- And many more....

Our sponsors:

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Our Spin off CO2 *event we organized this year…*

With such a huge interest in our spin off event CO2 Capture, Store and Reuse Conference where we gathered over 390+ attendees from 27 countries. We decided to organize a CCUS event dedicated to for the industry.

See below the full list of companies which attended recently.

* Evida * SINTEF * A.R.C. * Stockholm Exergi * Nordic Electrofuel * Hafslund Oslo Celsio * TotalEnergies * Cementir Holding * Norsk e-Fuel * CO2 Value Europe * RINA Services * Rambøll * Pentair * Bilfinger * Captimise * Gasunie * bse methanol * Saint-Gobain * Equinor * Fluor * ORLEN Lietuva * Technology Centre Mongstad * Novozymes * Heidelberg Materials * Nature Energy * COWI * Skellefteå Kraft * BNP Paribas CIB * E.ON * Implement Consulting Group * Saipem * FORCE Technology * Acciona Industrial * Element Energy * Bigadan * Paroc Technical Insulation * Cannington Enterprises Ltd * Sindal Biogas * Danish Bio Commodities * ASCO Carbon Dioxide * Verdo * Peterson Projects GmbH * Owens Corning Foamglas * Synergy Denmark * ETW Energietechnik * Bom Green Houses * Kreglinger Europe * Nexe * Dansk Fjernvarme * Fraunhofer IKTS * Airco Process Technology * BorsodChem * Lhoist Germany | Rheinkalk GmbH * revis bioenergy * MVV Umwelt GmbH * Brusche Process Technology * Carmeuse TFL * Strategic Decisions Group * Danish Energy Agency * Ingenious e Brain Solutions * Sweco * Tankbouw Rootselaar * Atlas Copco * Welltec * TITAN Cement * Uniper * Steinmüller Engineering* Biocarb Solution * Sysav Utveckling AB * MAN Energy Solutions * Öresundskraft * ENEOS Europe Ltd * AIMPLAS - Plastics Technology Centre * ADAI * PRF * DI DK * DTU * Emerald * Sauer Compressors * DTI Trykluft * bmp greengas * Ove Arup & Partners Danmark * Hycamite TCD Technologies * Crossbridge Energy * Kremsmüller Anlagenbau * Tekniska verken i Linköping * Erma First ESK Engineering Solutions * Swerock * CRH * VEOLIA Environmental Services * Nordsøfonden * Wintershall Dea * European Energy * Ammongas * Avantium * Copenhagen Malmö Port * Howden Axial Fans * Gexcon * AUMA Riester GmbH & Co. KG * CarbonCuts * Lhyfe Sweden * Mitsubishi Heavy Industries EMEA * Hasta Eco * Rystad Energy * DTU Offshore * Noreco Oil Denmark * Ørsted * Lhyfe * Seapeak * Casale * Airovation Technologies * Emerson-Vilter * Automation Lab * Lima Lima Services * First Climate Markets * Galp Energia * Cement, Glass, Ceramics and Soil Products Exporters Association * Jiangnan Environmental Technology* Vestforbrænding * SEAS * Ciaotech – PNO consultants * Westenergy * HOFOR * Limak Cement * ISVAG * Dril-Quip * Linka Energy * CTP * ICSC * Interterminals Sweden AB * ASKIA * BASF * ENI * ABB * Chemoprojekt * Net Zero Emission Labs * Storegga * Futura Foundation * NTNU/FLSmidth * A&S Energie * AFRY * GMM Finland Oy * Geological Survey of Sweden * DNV * EY * Port of Gothenburg * Paprec engineering CNIM * CO2Control * St1 * Aker Carbon Capture * GEA Wiegand GmbH * Invest in Demark * Ministry of Foreign Affairs of Denmark * Waga Energy * Bluemater SA * National Technical University of Athens * NIRAS * Subsea7 * Robert Bosch GmbH * Mälardalen University * Vopak LNG Holding * Fortum * Green2Business * Georg Fischer AG * Sumitomo SHI FW Energia Oy * CTP Invest Sp. z o.o. * Svante Inc. * Nitto Deutschland GmbH * RISE * Erik Thun AB * Holcim * GEUS * SecondCircle * Hitachi Zosen Inova * end-to-end consulting * Capsol Technologies * STX Group * Danmarks Eksport- og Investeringsfond * RWE * LAB * Landwärme * Lesaffre International * Volvo Group Venture Capital * Eesti Energia * Electrochaea * Neptune Energy * KriLabs AB * ENTSOG * Umicore Denmark * Scandinavian biogas * Biorecro AB * Scheuch Management Holding * 2JCP Ltd * Sabic * Alfa Laval * Babcock & Wilcox * Nextchem * NTNU * Umwelt Energy * INEOS Energy * Van Oord * Novo Nordisk Foundation * Petronas * Noble Corp. * Kyotherm * Vallourec * Cataler Corporation * Danish Technological Institute* Horten Advokatpartnerselskab * Bofort

390 + attendees from 27 countries

CO2 Capture, Storage and Reuse Conference 2023

In Copenhagen Denmark with sponsors:

Industry CCUS Conference 29-30 November 2023

After receiving a great response to our CO2 Capture, Storage and Reuse 2023, that gathered 390+ participants from 27 countries, we are happy to announce Industry CCUS Conference, we decided to host a summit that will take an in-depth look into industries: heavy, petrochemical, cement and more. Conference will take place on 29-30 November 2023 in Rotterdam, Netherlands.

While decarbonization goals are quickly approaching, reusage of CO2 may help meeting those goals by mitigating environmental impact and provide additional profit. We are constantly looking for pathways to more sustainable future, CO2 capturing and reusing it in everyday use products like fuels, polymers, chemicals or building materials are certainly and important part.

This event is set to bring industry stakeholders, unique content, workshops discussions and networking. Join us for latest market news, excellent keynote speakers and technical insights.

Who should attend?

Industry CCUS Conference 2023 as our second CO2 concerning event will bring together top-level experts from chemical, cement and polymers industry that will speak about newest technological advancements, regulations and policies as well as their onlook on future of usage of CO2.

Why you should attend?

During this 2-day event rich in presentations from industry end-users and running projects case studies you will gain a comprehensive overview of the CO2 utilisation technology. You can hear experts focusing on new regulations, changing market situation and more. Get an opportunity to network and exchange views with industry leaders.

Conference venue
4-5 star hotel
City Center

One of 4/5 star hotels in Rotterdam city centre. Rotterdam is an excellent place for a CCUS (carbon capture, utilization, and storage) convention for several reasons. First and foremost, the city is strategically located in the heart of Europe, making it easily accessible for attendees from all over the world. It has excellent air, sea, and road connections, which make it convenient for participants to reach the venue.

Furthermore, Rotterdam is known for its sustainability efforts and has set ambitious targets to become a carbon-neutral city by 2050. This makes it an ideal location for a CCUS convention, as it aligns with the city's commitment to reducing carbon emissions and promoting sustainable development.

If you will sponsor our summit you will have a chance to showcase your products and services in the networking area and will be able to hold meeting with leaders from the industry.

The commercial aspect of the event will create a perfect environment for doing business.

The delegates coming to the summit are carefully targeted attendees from major stakeholders from the industry. There are, in most cases, actual decision makers when it comes to the companies they represent. This perfect set up will save you both time and money.

Through the 2 days of the event you will get the best possible conditions to market and sell your product or expertise. You will be introduced to the participants at the start of the event and will receive the list of attendees to better prepare for the summit and carefully choose the exact companies you want to meet. We will help you with this facilitating and organizing meetings.

Confirmed Speakers

Nick van den Boogaart
Commercial Manager
CO2 NEXT

Reinhard Klimeck
VP, Senior Business Developer
Nature Energy

Huibert van Rossum
Advisor Strategic Environmental Management
Port of Rotterdam

Olivia Powis
Head of UK Office
Carbon Capture & Storage Association

Fabienne Moimaux
Managing Director – Low Carbon Transition Group
BNP Paribas CIB

Micha Hes
Manager business development and strategy
AEB Amsterdam

Tudy Bernier
Senior Policy Manager
CO2 Value Europe

Íñigo Palacio Prada
Renewable Fuels & Circular Economy
Repsol

Eric Warners
Strategic Project Developer
Port of Amsterdam

Ida Larsen
Manager Funding and R&D
Norsk e-Fuel

Martin Schröder
Senior Lead Business Developer
Ørsted

Chao Li
President of International Business & JNG Group SVP
Jiangnan Environmental Technology

Senior Representative
Capsol Technologies

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Conference program Day 1

08.00 REGISTRATION & COFFEE

08.45 CHAIRMAN'S WELCOMING MESSAGE

09.00 EUROPEAN AND WORLD MARKETS OUTLOOK

- EU policies: the future of Fit-for-55
- Reaching net-zero economy through carbon capture
- Creating CCUS Value chains for industries – challenges and opportunities

10.30 MORNING REFRESHMENTS – NETWORKING BREAK

11.00 EU policies for CCU in hard-to-abate sectors

Speaker: *Tudy Bernier, CO_2 Value Europe*

11.30 Topic to be confirmed

Speaker: *Olivia Powis, CCSA*

12.00 EUROPEAN REGULATORY FRAMEWORK & POLICIES

- EU climate policies – what changes brought 2022 and what is ahead
- Russian-Ukraine conflict and its effect on decarbonisation

12.30 NETWORKING LUNCH

13.30 Topic to be confirmed

Speaker: *Fabienne Moimaux, BNP Paribas CIB*

14.00 CLEAN TECH INVESTING STRATEGIES & CCUS ECONOMICS

- Role of government financial suport in scaling CCUS technology
- Technological advancements for carbon utilisation in end-user production
- CAPEX & OPEX of CO2 usage in various industries
- CCUS for reducing costs

15.30 AFTERNOON REFRESHMENTS - NETWORKING BREAK

16.00 CCU green industrial value chain: balanced energy transition solution using agriculture to decarbonize

- Creating value for carbon is very important for the carbon capture industry to be self-sufficient and free of subsidy requirement. It's in the interest of the industries and governments to promote carbon utilization solutions.
- JNG has developed the technology to use ammonia to capture and convert CO2 directly into fertilizer which can create circular economy solution for both energy security and food security.
- JNG technology is ideally placed to create a CCU green industrial value chain, from green ammonia to CCU to green fertilizer and food, which can provide a balanced solution to the success of energy transition.

Speaker: *Chao Li, Jiangnan Environmental Technology*

16.30 PANEL DISCUSSION: Latest emerging trends in CO2 utilisation contributing to global sustainability challenge + Q&A

17.00 CHAIRMAN'S CLOSING REMARKS AND DRINK RECEPTION

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Conference program Day 2

08.50 CHAIRMAN'S WELCOMING MESSAGE

09.00 Why an open-access liquid CO2 terminal is essential for the European CO2 infrastructure?

- Rationale of the CO2next terminal
- CO2next and Aramis: Joint development of CCS value chain
- CO2next: Scope
- CO2next: Lay-out
- CO2next: Planning

Speaker: *Nick van den Boogaart, CO_2Next*

09.30 Port of Amsterdam's Carbon Strategy

- The port of Amsterdam is the 4th port of Europe and a major global fuel hub
- This position comes with a responsibility; we aspire to be a frontrunner in the transition towards sustainable fuels
- In the port are multiple biogenic CO2-emmiters with a significant total volume - a potentially valuable feedstock for synthethic fuels
- The Port aims to find the right balance between multiple routes for Co2-reduction: CCS, CCU and potentially DAC in the future

Speaker: *Eric Warners, Port of Amsterdam*

10.30 Project AggregaCO2

- CO2 mineralization project in Spain
- Capture of CO2 emissions both from an industrial site and from the atmosphere
- Recover of hazardous waste

Speaker: *Iñigo Palacio Prada, Repsol*

10.30 MORNING REFRESHMENTS - NETWORKING BREAK

11.00 CARBON CAPTURE TECHNOLOGY AND CONSTRUCTION SECTOR

- Applying mineralisation proces in the building industry – are green building materials a distant future?
- Strengthening CO2 potential as raw material

12.30 NETWORKING LUNCH

13.30 CARBON CAPTURE FOR DECARBONIZING ADVANCED CHEMICALS PRODUCTION

- Carbon-to-chemicals – how fast we can decarbonize chemical industry
- CO2 in E-fuels production
- Recent developments for CO2 as a chemical feedstock
- Applying cryogenic carbon capture for hydrogen production

15.30 AFTERNOON REFRESHMENTS – NETWORKING BREAK

16.00 ADVANCEMENTS IN THE CO2 STORAGE & TRANSPORT SOLUTIONS

- How to transport and store carbon dioxide safely and efficiently
- Refining combinations or possibilities to store CO2 with systems providing security of storage
- Onshore and offshore CO2 storage – challenges and possibilities

17.00 CHAIRMAN'S CLOSING REMARKS

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Registration

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Industry pass (2 days)	**€1695 (excl.VAT)**
Academic pass * (2 days)	**€1295 (excl. VAT)**

The conference pass includes participation in all sessions, conference luncheon/reception, coffee breaks, access to exhibits area and one set of conference documentation. Travel costs and accommodation are NOT included.

*Applies to University employees, students, governments, non-profit organisation, non-government organizations. Organisation profile will be verified by the organiser, delegates can be asked to provide adequate documents e.g. student card

Terms and conditions Delegates are responsible for their hotel, travel and visa arrangements.

Disclaimer

The organizers will not accept liability for non-approval of visas, individual transport delays and transport disruption. In such circumstances. Terms and Conditions apply.
Where matters beyond the reasonable control of the organizers impair or prevent the organizers from being able to perform any activities relating to this event, each delegate releases the organizers from any liability, relating to such events.

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