



**WORLD CARBON CAPTURE
UTILISATION AND STORAGE**
CONFERENCE

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POST-EVENT REPORT

Bergen, Norway | 1-4 September

2025

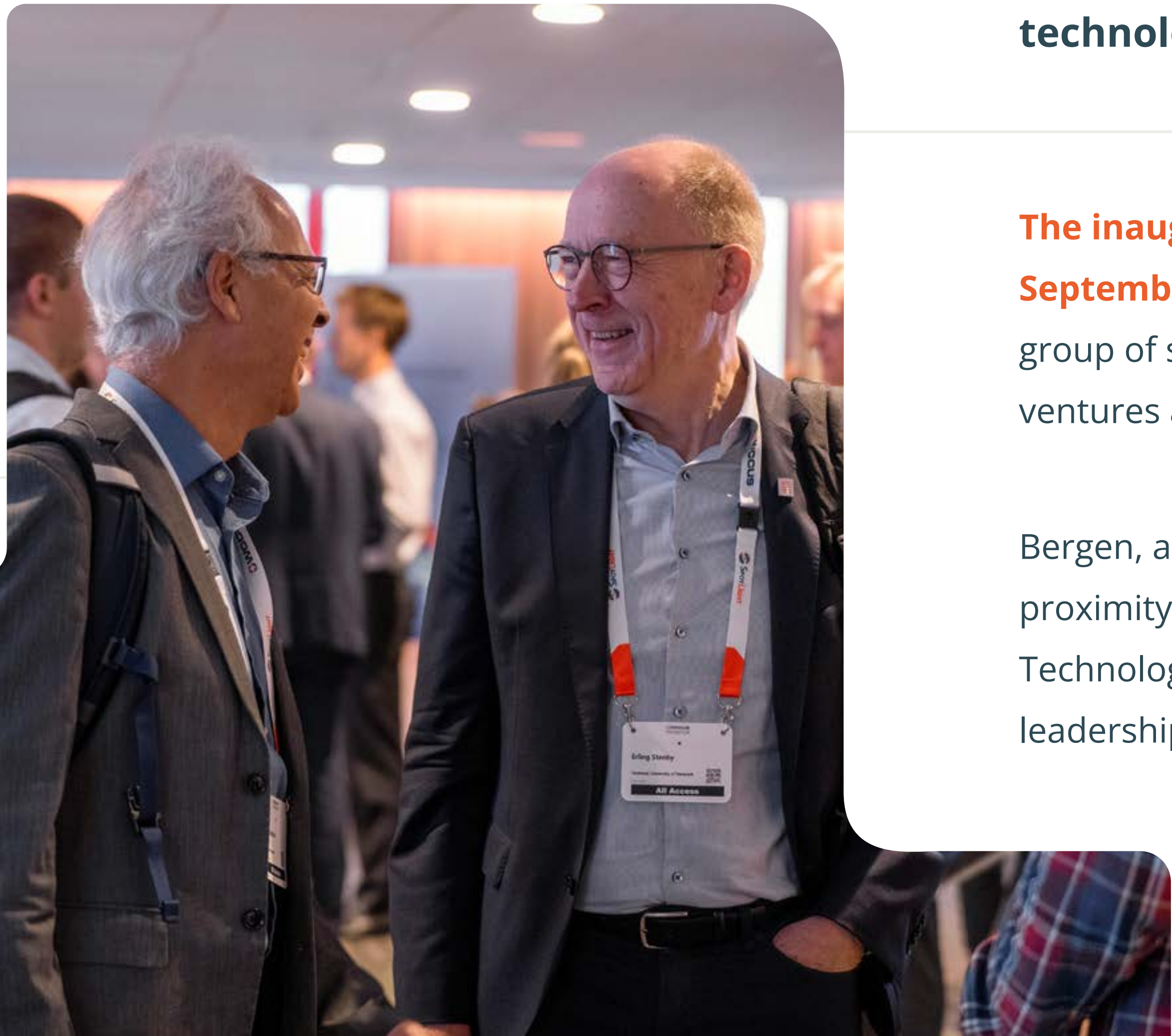
WCCUS.ORG

About **THE EVENT**

The World CCUS Conference envisions itself as a premier cross-organisational and interdisciplinary technical event, focusing on engineering solutions to tackle global technology and industry challenges in CCUS.

The inaugural conference, held in Bergen, Norway from 1 to 4 September 2025, was a resounding success, bringing together a diverse group of stakeholders including professional societies, entrepreneurial ventures and environmental advocacy organisations.

Bergen, a growing centre for sustainability and innovation with close proximity to key CCUS sites such as the Northern Lights project and the Technology Centre Mongstad (TCM), provided valuable insight into Norway's leadership in CCUS while connecting local progress to global challenges.



Attendees
300+

Countries
30+

Organisations
150+

Presentations
140+



WCCUS'25

at a glance

Australia
Austria
Belarus
Belgium

Brazil
Canada
China
Czechia

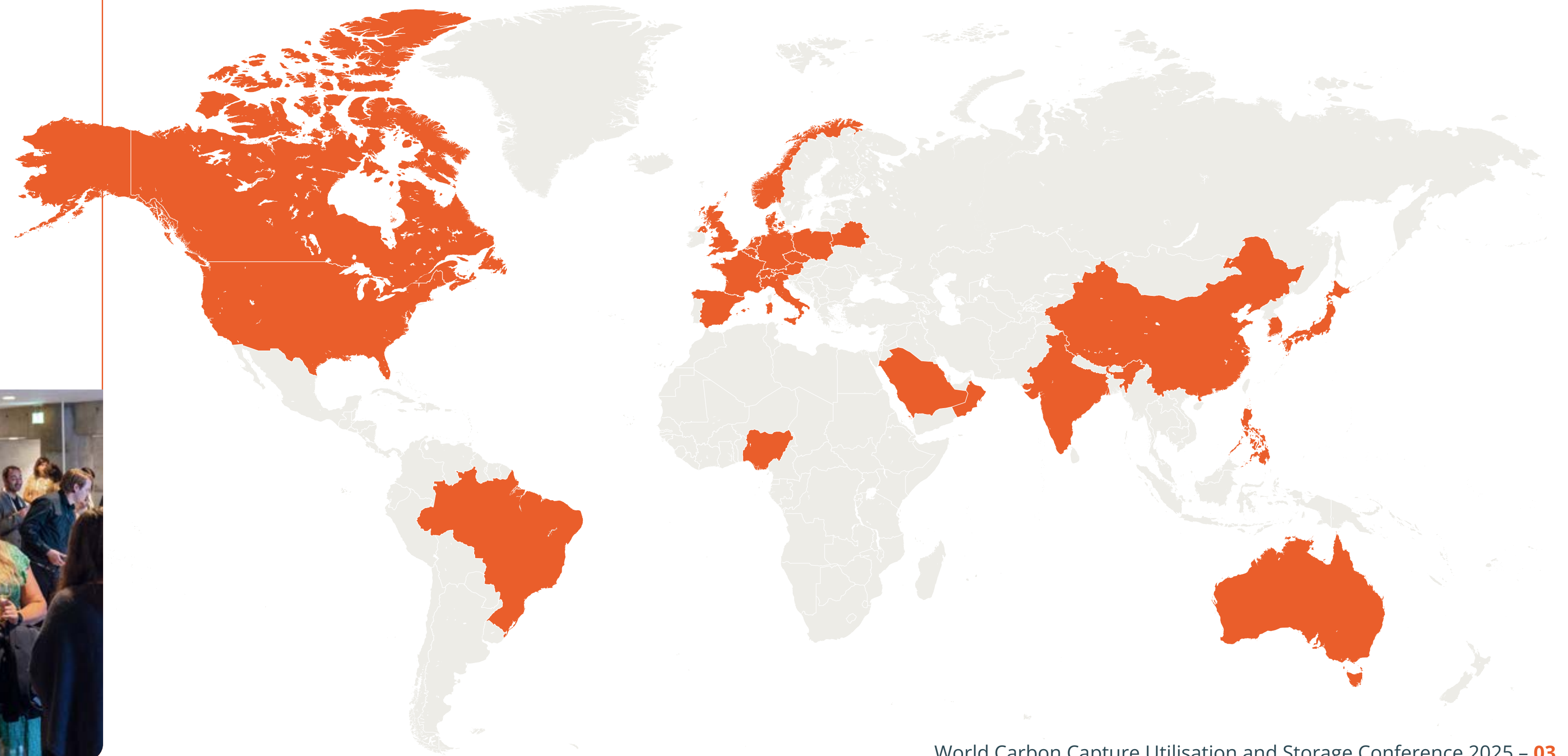
Denmark
France
Germany
India

Italy
Japan
Netherlands
Nigeria

Norway
Oman
Philippines
Poland

Saudi Arabia
South Korea
Spain
Switzerland

United Kingdom
United States



A word from our **SPECIALISTS**

TAO YANG

Chief Professional and Senior Specialist, Equinor
Representative of Norwegian Academy of Technological Sciences

A portrait of Tao Yang, a middle-aged man with glasses, wearing a dark suit, white shirt, and a patterned tie. He is looking directly at the camera.

‘As the conference co-chair,
I’m especially **proud that we’re
attracting experts and participants
from around the world.** Our motivation
in establishing this conference is to
foster collaboration across organisations
and along the entire value chain.
It’s been exciting to **meet so many
members of the CCUS community**
here in Norway, which truly brings our
global representation to life.’

A portrait of Erling H. Stenby, a middle-aged man with glasses, wearing a dark suit jacket over a light blue shirt. He is looking directly at the camera.

‘It was great pleasure to contribute
to this successful event in the
role as co-chair and representing
the Danish Academy of Technical
Sciences (ATV). **The high
quality of the works** presented
and the **good networking**
opportunities **created value
for all the participants** and the
advancement of CCUS.’

ERLING H. STENBY

Professor/Head of Department, Technical University of Denmark
Representative of Danish Academy of Technical Sciences

Hear from our **ATTENDEES**

93%

of respondents rated the event good to excellent

80%

of respondents expressed satisfaction with the quality and content of the technical programme

87%

of respondents had a positive impression of the social programme

90%

of respondents praised the expertise of the plenary session speakers

100%

of respondents found that the networking opportunities met or exceeded their expectations



Technical & Plenary PROGRAMME

Over the two days of conference sessions:

- **Geological storage, capture, transport and utilisation** formed the backbone of the technical programme, showcasing innovations across the CCUS value chain, from reservoir management to industrial-scale capture technologies and novel CO₂ use cases.
- **Emerging technologies and integrated solutions** were highlighted, including cross-sector applications, digital tools and the role of CCUS in achieving broader energy transition and net-zero goals.
- **Policy, economics and societal engagement** were explored as critical enablers of CCUS deployment, with sessions focused on regulation, business models, funding mechanisms and community involvement.
- **Panel discussions offered strategic insight into the global CCUS landscape**, featuring multi-stakeholder dialogue on scaling projects, sharing lessons across regions and aligning technology with policy and investment.

The conference proceedings are available
with open access on EarthDoc! [Click here](#)

EarthDoc
ONLINE GEOSCIENCE DATABASE

YOUNG PROFESSIONALS

programme

Hosted at NORCE Research, this dynamic one-day programme blended expert-led lectures with hands-on group work, giving early-career professionals the chance to both deepen their understanding and put their knowledge into action.

LECTURES

Lectures explored key CCUS themes such as storage capacity, network development, public perception and communication strategies.



GROUP WORK

Group work tackled five common CCUS myths using data, facts and fresh perspectives, sharpening critical thinking and communication skills.



Activities

WORKSHOP, SHORT COURSES & FIELD TRIPS

In addition to the conference sessions, attendees had the chance to join Workshop, Short Courses and Field Trips to gain practical insights and deep dives into specialised topics.

WORKSHOP

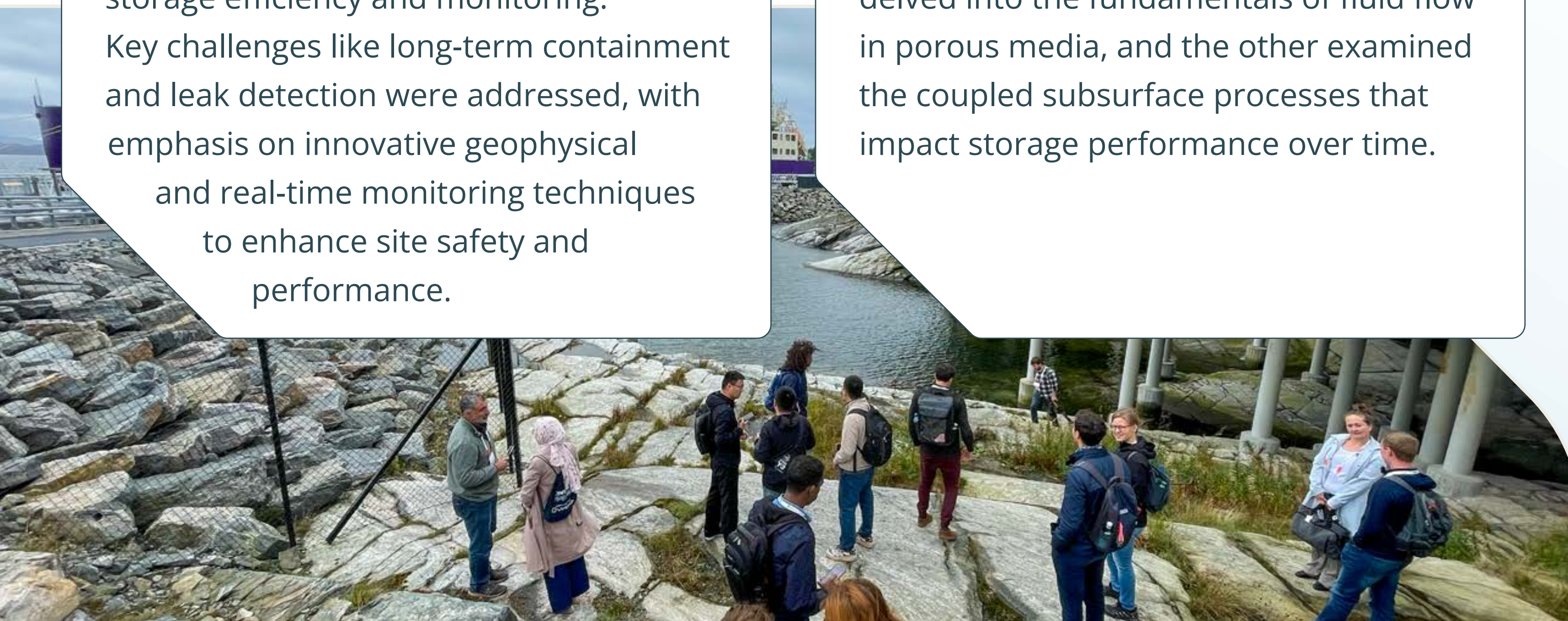
Workshop focused on advancing technologies to improve CO₂ injectivity, storage efficiency and monitoring. Key challenges like long-term containment and leak detection were addressed, with emphasis on innovative geophysical and real-time monitoring techniques to enhance site safety and performance.

SHORT COURSES

Short Courses delivered in-depth training focused on geological CO₂ storage: one delved into the fundamentals of fluid flow in porous media, and the other examined the coupled subsurface processes that impact storage performance over time.

FIELD TRIPS

Field Trips gave attendees unique opportunities to visit Norway's two leading CCUS facilities, the Technology Centre Mongstad and the Northern Lights project, showcasing real-world applications and innovation in action.



Live DEMONSTRATIONS



WCCUS'25 also featured live demonstrations that brought science to life.

- 1 FluidFlower experiment** showed how CO₂ behaves when stored deep beneath the seabed, offering a vivid, hands-on understanding of subsurface flow dynamics.
- 2 Viridien's Sleipner projection** delivered an immersive visual experience, showcasing real-world CO₂ storage data from the Sleipner project to highlight monitoring and modelling in action.



SOCIAL programme

The networking and social activities at WCCUS'25 created a vibrant and relaxed environment for attendees to connect beyond formal sessions.

- The **Networking Reception** offered a welcoming atmosphere with live music and refreshments, creating a perfect space to connect with new faces and reunite with familiar ones.
- The **Conference Evening** at Fløirestauranten treated attendees a memorable dinner with spectacular views of Bergen's enchanting landscape, blending great conversation with local culinary delights.





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1-4 SEPTEMBER 2025
NORWAY, BERGEN

WCCUS.ORG

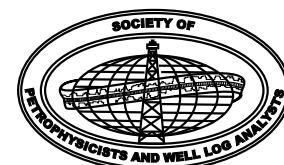
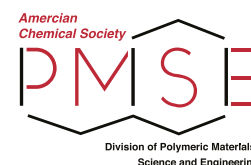
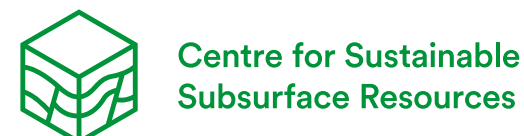
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See you in **2026**

RAFFAELLA OCONE

Professor, Heriot-Watt University

President, IChemE

'It's very exciting to be the chair of next year's conference. I believe this will be a huge opportunity to bring together chemical engineers, geologists, petroleum engineers and all the scientists that work in CCUS, as well as social scientists. It's also an opportunity for the community and society to take part in the advancement of such a relevant field.'

**SAVE
THE DATE!**

**September 2026
Edinburgh, UK**

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