POWERING THE TRANSITION INNOVATION, INTERGRATION & INVOLVEMENT

27-31 OCTOBER 2025 ROTTERDAM, THE NETHERLANDS



GET2025

6<sup>TH</sup> EAGE GLOBAL ENERGY TRANSITION CONFERENCE & EXHIBITION

**FEATURING** 

CARBON
CAPTURE & STORAGE
CONFERENCE

**GEOTHERMAL** 

ENERGY

**HYDROGEN** 

& ENERGY STORAGE

**OFFSHORE** 

WIND ENERGY



PROGRAMME

&CATALOGUE

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# 2026 87TH CONFERENCE & EXHIBITION ABERDEEN | UK

### H

UNLOCKING VALUE THROUGH TECHNOLOGY AND PARTNERSHIPS

8-11 JUNE 2026

# CONTRIBUTE TO THE TECHNICAL PROGRAMME BY SHARING YOUR EXPERTISE IN ONE OF THE FOLLOWING FIELDS:



Geophysics



Geology



Reservoir **Engineering** 



**Integrated Subsurface** 



**Energy Transition** 



**Environment**, Minerals and Infrastructure



Computer Science, **Standards & Information** Management

### **CALL FOR ABSTRACTS IS OPEN!**

SUBMIT YOUR ABSTRACTS BY 15 JANUARY 2026





# WELCOME TO ROTTERDAM AND GET2025!

Dear participants and friends of the energy transition,

Welcome to the 6<sup>th</sup> EAGE Global Energy Transition Conference & Exhibition (GET2025) in Rotterdam, a gathering of a global community that embodies resilience, innovation, and a shared commitment to sustainability. As Chair of this year's conference, I am proud to bring together experts and pioneers from across disciplines to address the pressing questions of our energy transition.

This conference isn't just about dialogue—it's about direction. How do we balance immediate energy needs with long-term climate commitments? How do we scale up geothermal, carbon capture & storage, and energy storage—and harness the full potential of wind power through smarter integration? Our path forward is not defined by technology alone—it also requires the right policies, financial frameworks, and, above all, societal engagement and public trust to truly succeed. Together, we will explore not only what's possible, but what's essential for a just, secure, and sustainable energy future.

I invite you to connect, collaborate, and be inspired—because real progress happens when knowledge meets action. Let's harness our insights, challenge our assumptions, and shape an energy system for generations to come. I'm honored to take this journey with you.

### **MAURICE HANEGRAAF**

Market Director, TNO GDN
Chair GET 2025, Executive Committee

#### **EXECUTIVE COMMITTEE**

Maurice Hanegraaf	Market Director TNO GDN (Chair, GET 2025 Executive Committee)
Carla Barrera	Director of Business Development New Energy, SLB
Will Ashby	Executive VP New Energy Solutions, TGS
Edward Wiarda	Senior Exploration Geoscientist, EBN
Ellie MacInnes	Technical Director – Geoscience Strategic Lead, WSP
Sigrid Borthen Toven	VP Low Carbon Solutions, Equinor
Steve Hollingworth	Carbon Storage Integration Manager, Viridien
Valentina Kretzschmar	VP Consulting, Energy Transition Strategy, Wood Mackenzie

#### IMPORTANT INFORMATION

#### **Registration Desk Opening Hours**

Monday, 27 October	08:00-17:00
Tuesday, 28 October	08:00-17:00
Wednesday, 29 October	08:00-17:00
Thursday, 30 October	08:00-17:00
Friday, 31 October	08:00-17:00

#### Credentials

Please ensure you wear your name badge at all times. Badges used by individuals other than those named on them will be subject to confiscation.

Lanyards sponsor



#### **Health & Safety**

In an emergency, it's crucial to heed the guidance provided by the venue staff and/or emergency services. Utilise the designated emergency exits to vacate the premises. Remain composed to prevent panic. For assistance, reach out to the closest security personnel or a member of the EAGE team.





#### Dive into the social side of GET 2025!

Capture and share your favourite moments using **#EAGEGET2025**. Whether it's a session highlight, a photo with colleagues, or a key takeaway, your posts help keep the conversation going.





#### Catering

Coffee and tea is complimentary for all conference delegates and exhibition visitors. Lunch is provided according to your registration type. Please check your badge for the 'Lunch' label.

You will have free access to Wi-Fi during GET2025.

#### **Cloakroom and Lost & Found**

The cloakroom is situated adjacent to the Registration Desk. Lost & Found items can also be retrieved at the Registration Desk.

### **Build Trust Through Mutual Respect and Integrity**

At EAGE, our mission is to foster a culture of respect and safety. We invite every member, company, volunteer, and visitor to embrace these principles and contribute to a positive environment:

- O Show Respect: Treat everyone with kindness, courtesy, and fairness.
- Stand Against Harassment: Commit to a harassment-free space, regardless of race, gender, nationality, age, disability, sexual orientation, religion, or belief.
- Promote Safety: Refrain from intimidation, stalking, or any form of aggressive behavior.
- © Communicate Thoughtfully: Share ideas respectfully, keeping in mind our mission and diverse perspectives.
- Maintain Professionalism: Ensure all interactions, formal or casual, reflect our commitment to professionalism.
- Monour Integrity: Respect confidentiality, avoid misrepresentation, and uphold the contributions of others.



Feel free to contact the EAGE on-site support team (wearing the green Safe EAGE badge), call/message the dedicated number (+31 6 30 04 98 52), use our app, or fill in the online form to report unsafe actions.

#### THANK YOU TO OUR SPONSORS

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**Technical Programme Sponsor** 

(Carbon Capture & Storage Conference)





# **EVENT APP**

Access the EAGE Event App to enhance your event experience. Scan the QR code to download the app now. Event code: **GET2025** 

Downloading the app allows you to:

- Check the latest Conference & Exhibition schedule
- Create your own personal agenda
- Utilize the AI Chatbot
- View extended abstracts
- Explore the floorplan and exhibitor listings
- Connect with other delegates
- Link with social media platforms
- Plus, many other features!

To access more features in the App, such as your personal agenda and messaging services, click on "Log In" and enter the email address and pin code provided in the 'Important Event Information' email you received prior to the event.

#### **GET 2025 AI ASSISTANT**

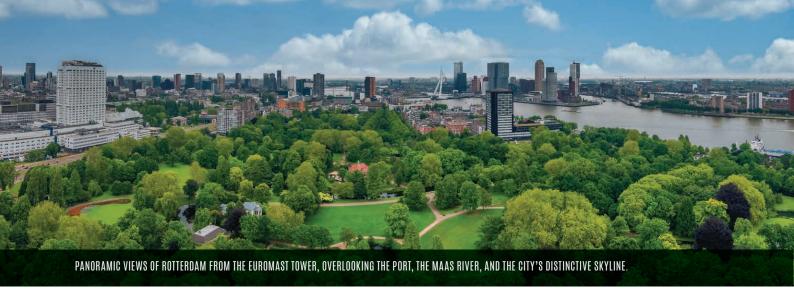
Make the most of your conference experience with the AI Assistant, available in the event app and on the website.

Conference App Sponsor Shearwater

#### WHY USE THE AI ASSISTANT?

- Search the programme by keywords and topics of interest
- Get details on sessions, presentations, and speakers
- Plan and organise your conference schedule with ease
- Find quick, relevant answers to your questions
- Stay updated with the latest programme changes and announcements





### **GET 2025 HIGHLIGHTS**

#### **OPENING CEREMONY**

Tuesday 28 October, 08:45-10:25 | Rotterdam Hall 1

#### **Keynote Presentation**

### Strategies for Sustainable Success in a Dynamic World

Diederik Samsom, Former Chief of Staff to the European Commission's Commissioner for Climate Action

#### **Panel Discussion**

### The Geopolitical Reset: Power, Policy, and the Global Energy Future!

This high-level panel will explore how shifting geopolitical alliances, regional conflicts, and resource nationalism are reshaping the global energy landscape. Speakers will examine the impact of the "geopolitical reset" on investment flows, energy security, and policy decisions across regions. The discussion will highlight strategic responses from governments and industry, and what this means for the future of oil, gas, renewables, and critical raw materials in an increasingly multipolar world.

- Diederik Samsom, Former Chief of Staff to the European Commission's Commissioner for Climate Action
- Johan Leuraers, Vice President Policy and Regulatory Affairs, Equinor
- Lucia van Geuns, Strategic Advisor Energy, The Hague Centre for Strategic Studies (HCSS)
- Adel El Gammal, Secretary General EERA, Professor at Université Libre de Bruxelles, EERA
- Anne Lycke, Advisor, NORSAR (Moderator)

#### **MARIE THARP AWARD**

Award for promising and creative talents among the next generation of energy transition leaders.

James E.J. Burtonshaw, Imperial College London

#### **MINUS CO2 CHALLENGE**

Celebrating innovation and sustainability with the Minus CO2 Challenge Prize, recognizing outstanding student efforts to reduce carbon emissions and shape a cleaner energy future.

#### **Finalists**

- Universidad Pedagógica y Tecnológica de Colombia, Sogamoso, Colombia, GeoAndes Team
- Rajiv Gandhi Institute of Petroleum Technology, Jais, India, Carbon Cartographers Team
- UniLaSalle, Beauvais, France, Uni4Storage Team

#### **SOCIAL PROGRAMME**

#### **Icebreaker Reception**

Monday 27 October, 18:00-20:00 | Exhibition Hall Meet with exhibitors, catch up with fellow delegates and expand your network while enjoying a selection of finger food and drinks.

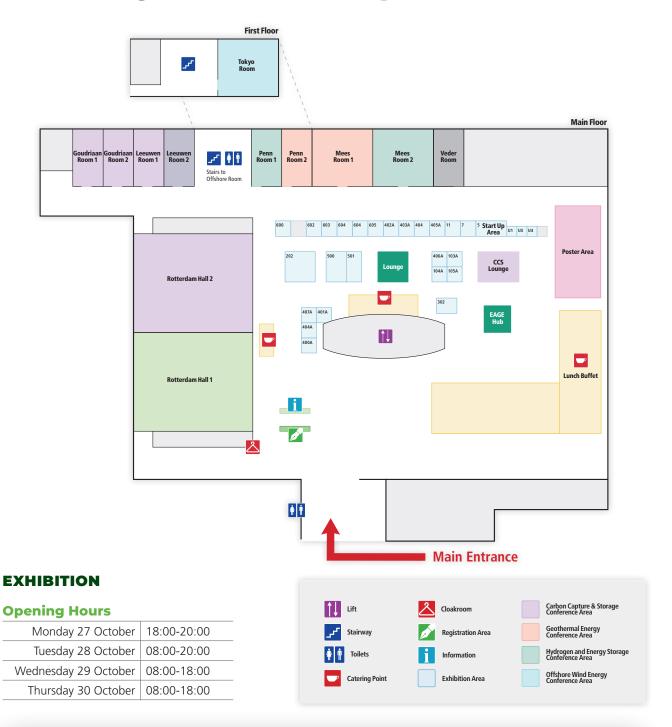
#### **Conference Evening**

Wednesday 29 October | 19:00-00:00 | Laurenskerk Laurenskerk Rotterdam is the only remaining medieval building in central Rotterdam. Built between 1449 and 1525, it has survived wars, bombings, and rebuilding, and today it stands as both a monument and a living part of the city. Step inside and you'll be struck by soaring arches, stone walls, and the largest organ in the Netherlands — an atmosphere unlike anywhere else in Rotterdam.

This evening is a chance to experience a piece of Rotterdam's history.

And yes, there will be plenty to enjoy at the buffet: international cuisine and regional seafood to round off the night.

### **PLAN OF THE VENUE**



#### **EXHIBITORS AND BOOTHS** Applied Acoustic Engineering Ltd Geometrics Inc 403 A RockWave Ltd 501 105 A Avenia 500 Geosurveys Start Up Area 5 Eliis SAS 401 A Gesteinslabor Dr. Eberhard Jahns 605 104 A Seequent EBN IOT Holland 405 A 402 A 202 Solgeo & Seismix Nimbuc Geoscience 400 A EuroGeoSurveys U4 302 Spotlight European Federation of Geologists (EFG) N-Sea A604 The EasyCopy 600 Nova Scotia 406 A TNO Geological Survey of the Netherlands Febus Optics 407 A PanTerra Geoconsultants BV 103 A 603 Fraunhofer IWES & Fraunhofer ITWM 602 PetroStrat 11 TU Delft U1 Geocap RadExPro Seismic Software LLC 604 WSP 404 A

### **CARBON CAPTURE & STORAGE**

CONFERENCE

### **HIGHLIGHTS**

As carbon capture and storage moves from concept to implementation, the need for practical, scalable solutions has never been more urgent. This dedicated conference at GET 2025 brings together professionals working across geoscience, engineering, and energy to examine how CCS can support real progress in the energy transition.

Through technical sessions, case studies, and cross-disciplinary discussion, the programme will cover advances in seismic acquisition, cost-effective monitoring, and integration with renewable systems. Whether you're focused on field operations, research, or policy, this is the place to engage with the latest thinking and connect with others driving CCS forward.

#### **TECHNICAL COMMITTEE**



**Ben Dewever** Shell (Co-Chair)



**Mike Branston** SLB (Co-Chair)

	·
Adrian Merry	TotalEnergies
Carolina Coll	Miller and Lents
Carrie Holloway	SLB
Cedric Fayemendy	Vår Energi
Denis Voskov	TU Delft
Filip Neele	TNO
Francesca Oggioni	Viridien
Habib Al-Khatib	SpotLight Earth
Hugo Costeno	SLB
James Wallace	BGP Offshore
Jeremy Walter	CMG's Core Subsurface Solutions
Joonsang Park	NGI
Jonathan Pye	DNV
Kevin Bisdom	Shell
Marcel Zwaan	PanTerra
Nazmul Haque Mondol	University of Oslo & NGI
Nicole Grobys	DGMK
Phil Ware	Spirit Energy
Pierre Le Guern	Eliis
Simon O'Brien	Shell
Sonia Isabella Lopez Kovacs	Repsol
William Powell	TGS

#### **KEYNOTE PRESENTATIONS**

28 October 2025 | 10:50-11:30 | Rotterdam Hall 2 **Northern Lights: From Inception** to Reality



**Knut Bakke** Project director - Northern Lights Equinor

29 October 2025 | 09:25-10:05 | Rotterdam Hall 2 What is the Actual Global Storage Capacity?



**Dr Owain Tucker** Global Deployment Lead CCUS Shell

30 October 2025 | 08:45-09:25 | Rotterdam Hall 2 **Project Greensand - From North Sea Oil** to CO<sub>2</sub> Storage



Michael Larsen Chief Geologist INEOS Energy



#### **DEDICATED SESSIONS**

- CCS Lifecycle Learnings Plotting a Course for Future Projects
- Unlocking funding for CCS
- Mafic / ultramafic storage: Status update and future perspective
- CO2 Storage Monitoring: Technologies and Lessons Learned
- Technical solutions for depleted fields
- From Promise to Progress: Is CCS Ready to Deliver?
- CCS and Geothermal synergies and challenges

Find the date, time, and location on pages 21–24

#### Subsurface Intelligence for Net-Zero: Inside The Geological Service for Europe's Geoenergy Atlas

Thursday 30 October 2025 | 13:50 – 15:30 Dedicated Session | Rotterdam Hall 1

#### **WORKSHOPS**

• 31 October | 09:00-16:00

Core Workshop for CCS and Geothermal: Geological Risk Assessment for Geothermal and CCS on Core Material (Sponsored by PanTerra)

Transport from WTC to PanTerra is arranged by EAGE.

• 31 October | 09:00–16:00

Geoscience Communication Through Visual and
Non Verbal Skills (Occapied by EACE Special let

Non-Verbal Skills (Organised by EAGE Special Interest Community on Geoscience Communication & Public Engagement)

#### **SHORT COURSES**

27 October | 09:00–17:00
 Risk Assessment of CO2 Storage Integrity by Understanding Coupled Thermo-hydro-chemical-mechanical Processes

 Andreas Busch, Heriot-Watt University

#### **FIELD TRIPS**

• 31 October | 09:30–15:00 Porthos - the first large-scale CO2 transport and storage project in the European Union

#### **CCS CONFERENCE SPONSORS**



VIRIDIEN

#### **Technical Programme Sponsor**

(Carbon Capture & Storage Conference)





### GEOTHERMAL **ENERGY** CONFERENCE

### HIGHLIGHTS

This year's Geothermal Energy Conference highlights the growing potential of geothermal as a reliable, scalable source of clean energy. The programme brings together experts and practitioners to share developments in advanced geophysics, nextgeneration reservoir simulation, and real-world applications such as district heating and power generation.

Sessions will explore emerging technologies across both low- and high-temperature systems, offering a clear view of how geothermal fits into a more sustainable and diversified energy mix. Whether you're focused on exploration, development, or integration, this conference offers insights into geothermal's expanding role in the global energy transition.

#### **TECHNICAL COMMITTEE**



Saba Keynejad Geocento (Co-Chair)



**Ghazal Izadi** XGS Energy (Co-Chair)

Adeline Parent	SLB
Adriaan Janszen	EBN
Alexandros Daniilidis	TU Delft
Andreas Busch	Heriot-Watt University
Damien Bonte	BRGM
Habibollah Sadeghi	NGI
Jeanette Hagan	ZeroGeo Energy GmbH
Kris Hopstaken	EBN
Luca Masnaghetti	SLB
Mariane Peter-Borie	Look Up Geoscience
Sebastien Soulas	Avalon Sciences Ltd
Thomas Mooij	PanTerra
Thomas Olver	Geothermal Engineering Ltd

#### **KEYNOTE PRESENTATION**

28 October 2025 | 10:50-11:30 | Mees Room 1 **Geothermal Energy and the Heat Transition** 



Barbara Cox Senior Consultant / Geophysicist



#### **DEDICATED SESSIONS**

- From Mines to Megawatts: Geothermal Heat, Storage, and Sustainable Energy
- High Temperature Underground Thermal Energy Storage
- Innovative Projects, Real Challenges: The Future of Mine Water Geothermal
- When AI Meets Geoscience for Decarbonised Futures
- Accelerating Innovation in the Netherlands on Geothermal Energy (GEO4ALL)
- Next-generation simulators for geothermal energy
- Advancements in Drilling Technologies for Geothermal Energy: from shallow to deep resources extraction
- Challenges and strategies for the development of geothermal energy in isolated volcanic islands
- Enhancing Geothermal Energy Deployment for District Heating and Cooling Networks
- The Promise and Pitfalls of Joint Inversion in Geothermal Exploration
- Energy from the matrix: Geothermal from clastic sedimentary formations

Find the date, time, and location on pages 21–24

#### **WORKSHOPS**

• 31 October | 09:00-16:00

Core Workshop for CCS and Geothermal: Geological Risk Assessment for Geothermal and CCS on Core Material (Sponsored by PanTerra)

Transport from WTC to PanTerra is arranged by EAGE.

• 31 October | 09:00–16:00 Geoscience Communication Through Visual and Non-Verbal Skills (Organised by EAGE Special Interest Community on Geoscience Communication & Public Engagement)

#### **SHORT COURSES**

 27 October | 09:00–17:00
 Geothermal Energy Systems and Their Role in Energy Transition

Andrea Moscariello, University of Geneva

31 October | 09:00–17:00
 Borehole Seismic Monitoring for Sustainable Energy Solutions

 Sebastien Soulas, Avalon Sciences Ltd

#### **FIELD TRIP**

• 27 October | 12:00–16:00 A Journey through the Anthropocene, site visits to the Sand Motor in Kijkduin and the River de Rotte.

• 31 October | 09:30–12:00 Heat Below, Harvest Above - Geothermal Energy and Sustainable Horticulture in Westland

• 31 October | 09:30–12:30 Sinking Grounds, Rising Questions, Subsidence in Gouda's Historic Cityscape.



### YDROG & ENERGY STORAGE CONFERENCE

### **HIGHLIGHTS**

Hydrogen is quickly gaining ground as a key part of a cleaner, more secure energy future. While industry invests in scaling up storage infrastructure, researchers are tackling the technical challenges that come with it. Together, they're driving real momentum across the energy landscape.

This year's Hydrogen and Energy Storage Conference features nine sessions and around 40 expert speakers. The programme covers a wide range of topics including hydrogen storage in salt and rock caverns, depleted reservoirs, and aquifers. It also explores microbial and interfacial effects, the full H2 value chain, and the growing interest in natural hydrogen. This is the place to stay informed and connected as hydrogen storage moves from potential to practical reality.

#### **TECHNICAL COMMITTEE**



**Daniel Palmowski** Terranta (Co-Chair)



**Bahman Bohloli** Norwegian Geotechnical Institute (NGI) (Co-Chair)

Ana Loyola	TU Delft
Arnout Everts	AEGeo Sdn Bhd
Carla Martin Clave	AtkinsRéalis
Christian Heine	Shell
Gang Wang	Heriot-Watt University
Kamaljit Singh	Heriot-Watt University
Karin de Borst	Shell
Livio Ruffine	IFPEN
Nicole Dopffel	NORCE
Piotr Krawiec	ВР
Suzanne Hurter	University of Queensland
Thomas Nancy	Geostock

#### **KEYNOTE PRESENTATION**

28 October 2025 | 10:50-11:10 | Mees Room 2 **Dutch National Agenda for Underground H2 Storage** 



Nel Aland **Dutch Ministry of Economic Affairs** and Climate

28 October 2025 | 11:10-11:30 | Mees Room 2 **HY3+: Enabling and Balancing the Hydrogen Infrastructure in North-West Europe** 



**Dr Remco Groenenberg** Scientific Lead Subsurface Energy Storage



#### **DEDICATED SESSIONS**

- Techno-economic analysis and industry perspective on hydrogen and energy supply
- Modeling of supply and demand of energy in general and its relevance to storage
- Natural & Stimulated Geologic Hydrogen
- Pilot projects in Hydrogen Storage
- High temperature underground thermal energy storage projects in Europe
- Hydrogen Storage Geoscience

Find the date, time, and location on pages 21-24

#### **WORKSHOPS**

• 31 October | 09:00-16:00

Core Workshop for CCS and Geothermal: Geological Risk Assessment for Geothermal and CCS on Core Material (Sponsored by PanTerra)

Transport from WTC to PanTerra is arranged by EAGE.

• 31 October | 09:00-16:00

Geoscience Communication Through Visual and Non-Verbal Skills (Organised by EAGE Special Interest Community on Geoscience Communication & Public Engagement)

#### **SHORT COURSES**

• 27 October | 09:00-17:00

Reservoir Engineering for Hydrogen Storage in Subsurface Porous Media

Gang Wang, Heriot-Watt University

• 31 October | 09:00-17:00

Underground Hydrogen Storage in Rocks: Pore-to-core Scale Flow Processes, X-ray Imaging and Modelling, Kamaljit Singh, Heriot-Watt University

#### **FIELD TRIP**

• 27 October | 12:00-16:00

A Journey through the Anthropocene, site visits to the Sand Motor in Kijkduin and the River de Rotte.

• 31 October | 09:30-12:00

Heat Below, Harvest Above - Geothermal Energy and Sustainable Horticulture in Westland

• 31 October | 09:30-12:30

Sinking Grounds, Rising Questions - Subsidence in Gouda's Historic Cityscape

### **OFFSHORE** WIND ENERGY

CONFERENCE

### **HIGHLIGHTS**

The Offshore Wind Energy Conference at GET 2025 brings together global experts to explore the latest developments in offshore wind, focusing on geophysical innovation, advanced data processing, and ground modelling backed by real-world applications.

Sessions will cover emerging technologies and frontier challenges, including seismic sources and geohazards, while also highlighting strategic integration opportunities with hydrogen production and carbon storage. The programme offers a comprehensive look at how offshore wind is evolving as a key part of a sustainable energy future.

#### **TECHNICAL COMMITTEE**



Sanket Bhattacharya Fugro (Co-Chair)



**Maarten Vanneste** Norwegian Geotechnical Institute NGI (Co-Chair)

Allan McKay	TGS
Barbara Cox	AFRY
Breandan Murphy	Vattenfall
Friso Veenstra	TNO
Graham Bell	Independent
Lennart Siemann	Fraunhofer IWES
Peter Cox	RockWave
Robert Lorenzen	Equinor
Willem Fontein	GEOxyz

#### **KEYNOTE PRESENTATION**

28 October | 10:50-11:10 | Tokyo Room **Geoscience and Offshore wind in 2025:** challenging opportunities



**Breandan Murphy** Manager - Geoscience Data Analysis and Interpretation Vattenfall

28 October 2025 | 11:10-11:30 | Tokyo Room **Geotechnical engineering opportunities** from ground models



**Thomas Langford** 



#### **DEDICATED SESSIONS**

- Multi-Use of the North Sea Subsurface: Challenges for colocation of offshore energy systems
- High-frequency Sources and Modelling
- Geohazards and Geo-Engineering Challenges with Offshore Wind Developments in Frontier Areas

#### **WORKSHOPS**

• 31 October | 09:00-16:00

Core Workshop for CCS and Geothermal: Geological Risk Assessment for Geothermal and CCS on Core Material (Sponsored by PanTerra)

Transport from WTC to PanTerra is arranged by EAGE.

• 31 October | 09:00-16:00

Geoscience Communication Through Visual and Non-Verbal Skills (Organised by EAGE Special Interest Community on Geoscience Communication & Public Engagement)

#### **SHORT COURSES**

31 October | 09:00–17:00
 Seismic Data Processing for Offshore Wind Farm Development From Legacy Repurposing to Ultra-High Resolution
 Shaji Mathew, Revive Geoscience Services

#### **FIELD TRIP**

 27 October | 12:00–16:00
 A Journey Through The Anthropocene - Site Visits To The Sand Motor (Kijkduin) & River De Rotte

• 31 October | 09:30–12:30 Sinking Grounds, Rising Questions - Subsidence in Gouda's Historic Cityscape





#### **OPENING SESSION**

Tuesday 28 October | 08:45 - 10:25 | Rotterdam Hall 1

**Keynote Presentation** 

STRATEGIES FOR SUSTAINABLE SUCCESS IN A DYNAMIC WORLD

Tuesday 28 October | 08:45 - 09:25 | Rotterdam Hall 1



**Diederik Samsom** Former Chief of Staff to the European Commission's Commissioner for Climate Action

**Panel Discussion** THE GEOPOLITICAL RESET: POWER, POLICY, AND THE GLOBAL ENERGY FUTURE! Tuesday 28 October | 09:25 - 10:25 | Rotterdam Hall 1

#### Moderator **Speakers**



Anne Lycke



Diederik Samsom European Commission's Commissioner for Climate Action



Johan Leuraers Vice President Policy and Regulatory Affairs, Equinor



Lucia van Geuns Strategic Advisor Energy, The Hague Centre for Strategic Studies (HCSS)



Adel Fl Gamma Secretary General EERA Professor at Université Libre de Bruxelles EERA

#### **Case Story**

#### **DNV ENERGY TRANSITION OUTLOOK**

Tuesday 28 October | 11:30 - 12:10 **Rotterdam Hall 1** 



Theo Bosma Program Director Power & Renewables, DNV

#### **Case Story**

#### **POWERING EUROPE - THE NORTH SEA'S INTEGRATED ENERGY SYSTEM**

Tuesday 28 October | 12:10 - 12:50 Rotterdam Hall 1



Forbes-Cable VP Energy Consulting, Wood Mackenzie

#### **Panel Discussion**

#### CAN EUROPE LEAD THE WAY WITH A CLEAR ROADMAP FOR NEW **ENERGY INNOVATION AND COMPETITIVENESS?**

Tuesday 28 October | 13:50 - 14:50 | Rotterdam Hall 1

#### Moderator



Valentina Kretzschmar VP Energy Consulting, Wood Mackenzie

**Speakers** 



Peter-Paul Lebbink Senior Advisor Offshore Wind Site Studies, RVO



Gloria Thurschmid CCS Discipline Lead Geocience, EBN



Marianne Lefdal VP Geoscience GlobalEx Viridien



Arjan van Vliet Energy Transition Advisor, Shell

#### **Panel Discussion**

#### THE ROLE OF YOUNG PROFESSIONALS IN THE ENERGY TRANSITION

Wednesday 29 October | 08:45 - 09:45 | Rotterdam Hall 1

Moderator

**Speakers** 



**Ruth Chigbo** Geologis Harbour Energy



Pwavodi Joshua Senior Research Engineer. Petrophysicist BRGM



Kamaljit Singh Associate Professor at the Institute of GeoEnergy Engineering. Heriot-Watt University



**Kevin Bisdom** Geomechanicist. Shell



**Emily Edmonds** Imaging Geophysicist IV TGS

#### **Panel Discussion**

#### **POWERING PROGRESS: THE ROLE OF TECHNOLOGY AND DIGITAL IN NEW ENERGIES**

Wednesday 29 October | 10:30 - 11:30 | Rotterdam Hall 1

#### **Moderator**



Oscar Abbink Energy Technology and Innovation, S&P Global Commodity Insights

#### **Speakers**



**Tina Todnem** VP Technology Strategy, Portfolio and Partnerships, Equinor



**lain Martin** Technology Manager, Net Zero Technology Centre (NZTC)



Malcolm Kent Global Strategy Head for Carbon Storage, Viridien



Aizo Wiebenga Industry Advisor Energy & Sustainability, Microsoft

#### **Panel Discussion**

#### **CRITICAL RAW MATERIALS (IN EUROPE)**

Wednesday 29 October | 11:50 - 12:50 | Rotterdam Hall 1

#### Moderator



Gaud Pouliquen
Sales Director,
Bell Geospace

#### **Speakers**



Henrike Sievers Co-Chair, Federal Institute for Geosciences and Natural Resources (BGR)



Peter Schmitz Energy and Mining Resource Advisor, Wood Mackenzie



Andor Lips Strategic Advisor Raw Materials, Geological Survey of the Netherlands



Eberhard Falck President, INTRAW International Raw Materials Observatory

#### **Case Story**

#### OUR SUBSURFACE DILEMMA: DEFINING CAPABILITY FOR A LOW-CARBON FUTURE

Wednesday 29 October | 13:50 - 14:30 Rotterdam Hall 1



Jeff Lukasik Vice President, Subsurface, Competence Centre International (Exploration & Production International), Equinor

#### **Case Story**

### INSURANCE OF THE ENERGY TRANSITION

Wednesday 29 October | 14:30 – 15:10 Rotterdam Hall 1



Rodney Garrard Geo Energy Advisor, Arch Insurance International

#### **Panel Discussion**

#### PITCH FORGE WHERE INNOVATION & GEOSCIENCE SPARK

Wednesday 29 October | 15:50 - 17:10 | Rotterdam Hall 1

#### **Moderator**



Habib Al Khatib Spotlight, CEO

#### Speakers



**Sebastien Lacaze** CEO, Lookup Geoscience



Elodie Morgan Co-Founder, Spotlight



Jurjen Boorsma Toastmasters Adam



Onajomo Akemu Assistant Professor University of Amsterdam



**Mathijs van Rijk** Senior Investment Manager Innovation Quarter



Jan Jette Blangé Founder and CEO Canopus Drilling Solutions

#### **Panel Discussion**

### INCLUSIVE ENERGY TRANSITIONS: EMPOWERING WOMEN, ADVANCING EQUITY

Thursday 30 October | 08:45 - 10:05 | Rotterdam Hall 1

#### **Moderators**



Azin Karimzadanzabi Researcher Phd Candidate, Civil Engineering and Geosciences, Technische Universiteit Delft | Chair EAGE WGE

Mariane Peter-Borie Look Up Geoscience R&D manager, Consulting

#### Speakers



Elke Mugova Researcher Fraunhofer IEG



Michelle O'Grady Gemini Project Manager Geological Survey of Northern Ireland



Cristina Marras Saipem Solutions Manager, Geoscience and Environmental Surveillance. Chair, UNECE Women in Resource Management Working Group



**Dr. Suzanne Hangx**Associate professor,
Utrecht University



Katrin Löer Assistant Professor in Applied Geophysics, Technische Universiteit Delft

#### **Panel Discussion**

### GEOLOGICAL RISK ASSESSMENT IN ENERGY TRANSITION TECHNOLOGIES: THE IMPORTANCE OF MODELLING TOOLS AND TECHNIQUES

Thursday 30 October | 10:30 - 11:30 | Rotterdam Hall 1

#### **Moderator**



Jeanette Hagan Senior Geoscientist, ZeroGeo Energy

#### **Speakers**



Mark Cottrell
Technical Director FracMan
and Geoscience, WSP



**Claudia Sorgi** CCS Geomechanics Advisor and Monitoring Champion,



Christine Roche Senior Project Owner, New Energy Solutions and Director, TGS



Sander Osinga Geomechanics Scientist, TNO

#### **Panel Discussion**

## GEOSCIENCE COMMUNICATION AND PUBLIC ENGAGEMENT IN THE ENERGY TRANSITION: EXPERIENCES AND LESSONS

Thursday 30 October | 11:50 - 12:50 | Rotterdam Hall 1

(Organised by EAGE Special Interest Community on Geoscience Communication & Public Engagement)

#### **Moderator**



Andrea Cuesta Cano Delft University of Technology

#### **Speakers**



Evgeniia Martuganova Utrecht University



**Gerdien de Vries**Associate Professor of
Climate Psychology, Delft
University of Technology



Philip Ringrose Professor in Energy Transition Geoscience, NTNU



Kris Piessens
Geologist, Geological Survey
of Belgium Royal Belgian
Institute of Natural Sciences



Marit Sprenkeling Scientist Energy Transition, TNO Vector

#### **Dedicated Session**

### SUBSURFACE INTELLIGENCE FOR NET-ZERO: INSIDE THE GEOLOGICAL SERVICE FOR EUROPE'S GEOENERGY ATLAS

Thursday 30 October | 13:50 - 15:30 | Rotterdam Hall 1

#### **Moderator**



Renata Barros Strategic Communications Officer, EuroGeoSurveys

#### **Speakers**



Tjerk Heijboer System Developer, GEUS



Maayke Koevoets Project Manager Geological Survey of the Netherlands, TNO



**Ceri Vincent**Geophysical Basin Analyst,
British Geological Survey

## **PROGRAMME SCHEDULE**



#### **GET2025 PAPERS ON EARTHDOC AND EVENT APP**

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Information is accurate as of 14 October. Full details of the presentations and the most up-to-date information can be found on our website www.eageget.org or in the Event App.

#### Session Overview - Tuesday 28 October

CONFERENCE	ERENCE SESSION NAME			LOCATION
Strategic programme	Panel Discussion: The Geopolitical Reset: Power, Policy, and the Global Energy Future!	09:25	10:25	Rotterdam Hall 1
Strategic programme	Case Stories	11:30	12:50	Rotterdam Hall 1
Strategic programme	Panel Discussion: Can Europe lead the way with a clear roadmap for new energy innovation and competitiveness?	13:50	14:30	Rotterdam Hall 1
CCS	Dedicated Session CCS 1: CCS Lifecycle Learnings – Plotting a Course for Future Projects	11:30	12:50	Rotterdam Hall 2
CCS	CCS project examples from around the globe	13:50	15:30	Rotterdam Hall 2
CCS	Geophysical monitoring - advances in time lapse seismic	13:50	15:30	Goudriaan Room 1&2
CCS	Hybrid and unconventional CCS	13:50	15:30	Leeuwen Room 1
CCS	Dealing with legacy well risks – with extended Q&A	16:30	17:50	Rotterdam Hall 2
CCS	Dedicated Session CCS 2: Unlocking funding for CCS	16:30	17:50	Goudriaan Room 1&2
CCS	Dedicated Session CCS 3: Mafic / ultramafic storage: Status update and future perspective	16:30	17:50	Leeuwen Room 1
Geothermal Energy	Resource assessment for direct use	11:30	12:50	Mees Room 1
Geothermal Energy	Reservoir Characterisation & Modeling	13:50	15:30	Mees Room 1
Geothermal Energy	Dedicated session GE: From Mines to Megawatts: Geothermal Heat, Storage, and Sustainable Energy	13:50	15:30	Penn Room 2
Geothermal Energy	Geomechanics & Induced Seismicity	16:30	17:50	Mees Room 1
Hydrogen & Energy Storage	Hydrogen and Energy Storage Opening Session: Modeling of supply and demand of energy in general and its relevance to storage	10:50	11:30	Mees Room 2
Hydrogen & Energy Storage	Depleted oil/gas fields	11:30	12:50	Mees Room 2
Hydrogen & Energy Storage	Dedicated Session H2: Techno-economic analysis and industry perspective on hydrogen and energy supply	11:30	12:50	Penn Room 1
Hydrogen & Energy Storage	Salt cavern/deposits	13:50	15:30	Mees Room 2
Hydrogen & Energy Storage	Microbial impact	13:50	15:30	Penn Room 1
Hydrogen & Energy Storage	Rock-fluid surficial interaction 1	16:30	17:50	Penn Room 1
Offshore Wind	Dedicated Session OW: Multi-Use of the North Sea Subsurface: Challenges for co-location of offshore energy systems	11:30	12:50	Tokyo Room
Offshore Wind	Seabed mapping & characterisation for Offshore Wind 1	13:50	15:30	Tokyo Room
Offshore Wind	Seabed mapping & characterisation for Offshore Wind 2	16:30	17:50	Tokyo Room

#### Session Overview - Wednesday 29 October

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CONFERENCE SESSION NAME		TIME		LOCATION	
Strategic programme	The role of young professionals in the energy transition cont'd (organised by EAGE Young Professionals Community)	08:45	09:45	Rotterdam Hall 1	
Strategic programme	Panel Discussion: Powering Progress: The Role of Technology and Digital in New Energies	10:30	11:30	Rotterdam Hall 1	
Strategic programme	Plenary Panel Discussion: Critical Raw Materials (in Europe)	11:50	12:50	Rotterdam Hall 1	
Strategic programme	Case stories	13:50	15:10	Rotterdam Hall 1	
Strategic programme	Panel Discussion: Pitch Forge Where innovation & geoscience spark	15:50	17:10	Rotterdam Hall 1	
CCS	Dedicated Session CCS 4: CO2 Storage Monitoring: Technologies and Lessons Learned	10:30	11:50	Rotterdam Hall 2	
CCS	Seal characterization – with extended Q&A	10:30	11:50	Goudriaan Room 1&2	
CCS	Depleted fields - conformance monitoring / hydrate formation challenges	10:30	11:50	Leeuwen Room 1	

#### Session Overview - Wednesday 29 October

CONFERENCE	SESSION NAME	TIN	ΜE	LOCATION
CCS	Dedicated Session CCS 5: Technical solutions for depleted fields	13:50	15:30	Rotterdam Hall 2
CCS	The Bunter Formation as a key target for CCS in NW Europe — with extended Q&A	13:50	15:30	Goudriaan Room 1&2
CCS	Understanding trapping mechanisms – with extended Q&A	13:50	15:30	Leeuwen Room 1
CCS	Pressure interference – with extended Q&A	15:50	17:30	Rotterdam Hall 2
CCS	Geophysical monitoring - gravity, automation and risk assessment	15:50	17:30	Goudriaan Room 1&2
CCS	Dedicated Session CCS 6: CCS and Geothermal - synergies and challenges	15:50	17:30	Leeuwen Room 1
Geothermal Energy	Large-scale resource assessment part 1	08:45	10:05	Mees Room 1
Geothermal Energy	Large-scale resource assessment part 2	10:30	11:50	Mees Room 1
Geothermal Energy	Digital Innovation, AI and Simulation	13:50	15:30	Mees Room 1
Geothermal Energy	Dedicated session GE: Accelerating Innovation in the Netherlands on Geothermal Energy (GEO4ALL)	13:50	15:30	Penn Room 2
Geothermal Energy	Dedicated session GE: Next-generation simulators for geothermal energy	15:50	17:30	Mees Room 1
Hydrogen & Energy Storage	Natural Hydrogen	08:45	10:05	Mees Room 2
Hydrogen & Energy Storage	Dedicated session H2: Natural & Stimulated Geologic Hydrogen	10:30	11:50	Mees Room 2
Hydrogen & Energy Storage	UHS Caverns, Compressed air, thermal	13:50	15:30	Mees Room 2
Hydrogen & Energy Storage	Dedicated Session H2: Pilot projects in Hydrogen Storage	15:50	17:30	Mees Room 2
Offshore Wind	Data Integration and Ground Modelling 1	08:45	10:05	Tokyo Room
Offshore Wind	Seismic Data Acquisition and Processing 1	10:30	11:50	Tokyo Room
Offshore Wind	Data Integration and Ground Modelling 2	13:50	15:30	Tokyo Room
Offshore Wind	Seismic Data Acquisition and Processing 2	15:50	17:30	Tokyo Room

#### Session Overview - Thursday 30 October

CONFERENCE	SESSION NAME	TIN	ΜE	LOCATION
Strategic programme	Panel Discussion: Inclusive Energy Transitions: Empowering Women, Advancing Equity	08:45	10:05	Rotterdam Hall 1
Strategic programme	Panel Discussion: Geological Risk Assessment in Energy Transition Technologies: The importance of Modelling Tools and Techniques	10:30	11:30	Rotterdam Hall 1
Strategic programme	Plenary Panel Discussion: Geoscience Communication and Public Engagement in the Energy Transition: Experiences and Lessons	11:50	12:50	Rotterdam Hall 1
Strategic programme	Subsurface Intelligence for Net-Zero: Inside the Geological Service for Europe's GeoEnergy Atlas	13:50	15:30	Rotterdam Hall 1
CCS	Workflows & technology for reservoir and overburden characterisation	10:30	11:50	Rotterdam Hall 2
CCS	Reservoir & containment related modelling studies	13:50	15:30	Rotterdam Hall 2
CCS	Dedicated Session CCS 7: From Promise to Progress: Is CCS Ready to Deliver?	15:50	17:30	Rotterdam Hall 2
Geothermal Energy	Unconventional & EGS Systems	08:45	10:05	Mees Room 1
Geothermal Energy	Dedicated session GE: Advancements in Drilling Technologies for Geothermal Energy: from shallow to deep resources extraction	08:45	10:05	Penn Room 2
Geothermal Energy	Dedicated session GE: Challenges and strategies for the development of geothermal energy in isolated volcanic islands	10:30	11:50	Mees Room 1
Geothermal Energy  Dedicated session GE: Enhancing Geothermal Energy Deployment for District Heating and Cooling Networks		10:30	11:50	Penn Room 2
Geothermal Energy	Dedicated session GE: Constraint Required: The Promise and Pitfalls of Joint Inversion in Geothermal Exploration	13:50	15:30	Mees Room 1
Geothermal Energy	Heat Storage & ATES Systems	13:50	15:30	Penn Room 2
Geothermal Energy	Dedicated session GE: Energy from the matrix: Geothermal from clastic sedimentary formations	15:50	17:30	Mees Room 1
Geothermal Energy	Drilling, Well Testing & Performance	15:50	17:30	Penn Room 2
Hydrogen & Energy Storage	Cross Talk Geothermal Energy + Hydrogen & Energy Storage: High Temperature Underground Thermal Energy Storage	08:45	10:05	Mees Room 2
Hydrogen & Energy Storage	Rock-fluid surficial interaction 2	10:30	11:50	Mees Room 2
Hydrogen & Energy Storage	Storage Value chain	13:50	15:30	Mees Room 2
Hydrogen & Energy Storage	Dedicated Session H2: Hydrogen Storage Geoscience	15:50	17:30	Mees Room 2
Offshore Wind	Advances in extremely-high-resolution seismic inversion	08:45	10:05	Tokyo Room
Offshore Wind	Dedicated Session OW: High-frequency Sources and Modelling	10:30	11:50	Tokyo Room
Offshore Wind	Dedicated Session OW: Geohazards and Geo-Engineering Challenges with offshore wind developments in frontier areas	13:50	15:30	Tokyo Room
Offshore Wind	Challenges and Opportunities in Offshore Wind	15:50	17:30	Tokyo Room

<b>₹</b> 01	TERDAM HALL 1	ROI	TERDAM HALL 2
ET	Opening Ceremony	08:45	Plenary Session in Rotterdam 1
3:45	<b>Strategies for Sustainable Success in a Dynamic World</b> - D. Samsom European Commission		
ne i ner ner	el Discussion: The Panel Discussion: Geopolitical Reset: Power, Policy, and the Global gy Future! Reset: Power, Policy, and the Global gy Future! edator: A. Lycke, Advisor, NORSAR		
25	Panelists: D. Samsom, Former Chief of Staff to the European Commission's Commissioner for Climate Action; J. Leuraers, Vice President Policy and Regulatory Affairs, Equinor; L. van Geuns, Strategic Advisor Energy, The Hague Centre for Strategic Studies (HCSS); A. El Gammal, Secretary General EERA, Professor at Université Libre de Bruxelles		
:25	Coffee Break (Tue AM)		
		CCS	Conference Welcome & Opening Keynote
		10:50	Northern Lights – from inception to reality – key takeaways - K. Bakke Equinor
			icated Session CCS 1: CCS Lifecycle Learnings – ting a Course for Future Projects
1:30	Case Story: DNV Energy Transition Outlook by Theo Bosma, Program Director Power & Renewables (DNV)	11:30	Panelists: T. Grauwels (CCSA), H. Morris (Carbon Catalyst), M. Goense (Porthos), O. van Kessel (Shell), K. Bakke (Equinor - Northern Lights)
2:10	Case Story: Powering Europe – the North Sea's Integrated Energy System by Malcolm Forbes-Cable, VP Energy Consulting (Wood Mackenzie)		
2:50	Lunch Break (Tue)		
		CCS	project examples from around the globe
:50	Panel Discussion: Can Europe lead the way with a clear roadmap for new energy innovation and competitiveness?#Moderator: V. Kretzschmar, VP Energy Consulting, Wood Mackenzie Panellists: R. Van der Vlies, Director Just Transition, Consumers, Energy Efficiency and Innovation, European Commission (Video Message); PP. Lebbink, Programme Manager Offshore Windenergy – Policy Support, RVO; G. Thurschmid, CCS Discipline Lead Geocience, EBN; M. Lefdal, VP Geoscience GlobalEx, Viridien; A. van Vliet, Energy Transition Advisor, Shell	13:50	A feasibility study of the CITru injection pilot in Switzerland and its monitoring concept - E. Pezzulli Storra Dynamics GmbH
		14:10	CO2 Transport and Storage Integration in the Black Sea: A Romanian- Ukrainian Scenario under the CTS Project - A. Dudu GeoEcoMar
		14:30	Roadmap to onshore CCS in Europe: Advancing Licensing of the Golianovo field, Slovakia - D. Sittler Engas
		14:50	Integrated feasibility CCS study: From screening to surface facilities – Middle Magdalena Valley Basin, Colombia - A. Barrois Beicip-Franlab
		15:10	The HuCCSar Project: Developing a CCS Hub Onshore Poland - C. Holloway SLB
		Dea	ling with legacy well risks – with extended Q&A
		16:30	Repurposing UHR Seismic Boulder Detection Technology for Offshore Windfarms to Locate Decommissioned Wells for CCS Applications D.S. Cammarata Salazar Fraunhofer lwes
		16:50	The influence of trapped brine on the sealing of boreholes by natural salt creep - J. Nicholas University of Bath; Quintessa
		17:10	Uncertainty quantification and monitoring of CO2 storage in depleted gas fields with legacy well leakage risk - 0. Leeuwenburgh TNO

GO	JDRIAAN ROOM 1&2	LEEUWEN ROOM 1			
08:45	Plenary Session in Rotterdam 1	08:45	Plenary Session in Rotterdam 1		
10:25	Coffee Break (Tue AM)	•			
12.50	Lunch Break (Tue)	-			
Geo	physical monitoring -	Hyb	rid and unconventional CCS		
13:50	onces in time lapse seismic On the CO2 migration at the Sleipner Storage site: Learnings from	13:50	Morecambe Net Zero (MNZ); Using geothermal energy to overcome the		
14:10	full-wavefield plume imaging R. Martinez Viridien  CO2 Injection Plume Monitoring via Lift-and-Shift Multi-Attribute	14:10	energy challenges of liquified CO2 regasification - P. Ware Spirit Energy  CEEGS Project Completion: Demonstrating Feasibility of CO2-Based		
	Interactive Deep Learning - S. Salamoff Bluware		Electrothermal Energy and Geological Storage - I. Vukovic Kartal European Federation Of Geologists		
14:30	Optimization of ultra sparse acquisition and advanced 4D imaging for CO2 monitoring - F. Oggioni Viridien	14:30	Bio-Derived Acetic Acid–Ligand Leaching of Hematite Tailings to Accelerate CO2 MineralizationIntroduction - M. Rezaee The University Of Adelaide		
	Impact of rock frame models on time-lapse seismic attributes during CO2				
14:50	injection into depleted gas reservoirs - H. Heidari Heriot-Watt University	14:50	CO2 storage below self-sealing oceanic floors: A novel approach for Carbon sequestration in marine sediments - S. Tabrizinejadas Computational Hydrocarbon Laboratory for Optimized Energy Efficiency (CHLOE)		
14:50	injection into depleted gas reservoirs - H. Heidari	14:50	Carbon sequestration in marine sediments - S. Tabrizinejadas Computational Hydrocarbon Laboratory for Optimized Energy Efficiency (CHLOE)		
15:10	injection into depleted gas reservoirs - H. Heidari Heriot-Watt University  Reviving Legacy Seismic Data with Advanced Processing: A Scalable, Cost-Effective Strategy for CCS Site Evaluation - J. Johal	15:10 Ded	Carbon sequestration in marine sediments - S. Tabrizinejadas Computational Hydrocarbon Laboratory for Optimized Energy Efficiency (CHLOE)  Carbonation of altered hydrotalcite-rich ultramafic rocks: Implications for efficient CO2 mineral trapping - M. Leila Nazarbayev University		
15:10	injection into depleted gas reservoirs - H. Heidari Heriot-Watt University  Reviving Legacy Seismic Data with Advanced Processing: A Scalable, Cost-Effective Strategy for CCS Site Evaluation - J. Johal Viridien	15:10 Ded Stat	Carbon sequestration in marine sediments - S. Tabrizinejadas Computational Hydrocarbon Laboratory for Optimized Energy Efficiency (CHLOE)  Carbonation of altered hydrotalcite-rich ultramafic rocks: Implications for efficient CO2 mineral trapping - M. Leila Nazarbayev University icated Session CCS 3: Mafic / ultramafic storage us update and future perspective		
15:10 Ded	injection into depleted gas reservoirs - H. Heidari Heriot-Watt University  Reviving Legacy Seismic Data with Advanced Processing: A Scalable, Cost-Effective Strategy for CCS Site Evaluation - J. Johal Viridien  coated Session CCS 2: Unlocking funding for CCS  Insurance Rationale for Carbon Capture and Storage (CCS) - R. Garrard	15:10 Ded Stat	Carbon sequestration in marine sediments - S. Tabrizinejadas Computational Hydrocarbon Laboratory for Optimized Energy Efficiency (CHLOE)  Carbonation of altered hydrotalcite-rich ultramafic rocks: Implications for efficient CO2 mineral trapping - M. Leila Nazarbayev University icated Session CCS 3: Mafic / ultramafic storage us update and future perspective  The global status of CO2 storage in mafic and ultramafic rocks - R. Mo CarbStrat		
15:10 Ded	injection into depleted gas reservoirs - H. Heidari Heriot-Watt University  Reviving Legacy Seismic Data with Advanced Processing: A Scalable, Cost-Effective Strategy for CCS Site Evaluation - J. Johal Viridien iccated Session CCS 2: Unlocking funding for CCS  Insurance Rationale for Carbon Capture and Storage (CCS) - R. Garrard Arch Capital Group  Overcoming Barriers to Early-Stage CCS Development - H. Wilson	15:10  Ded Stat 16:30	Carbon sequestration in marine sediments - S. Tabrizinejadas Computational Hydrocarbon Laboratory for Optimized Energy Efficiency (CHLOE)  Carbonation of altered hydrotalcite-rich ultramafic rocks: Implications for efficient CO2 mineral trapping - M. Leila Nazarbayev University icated Session CCS 3: Mafic / ultramafic storage us update and future perspective  The global status of CO2 storage in mafic and ultramafic rocks - R. Mo CarbStrat  Distribution and characterization of offshore volcanic reservoirs for permanent carbon storage - S. Planke		

MEE	S ROOM 1	PEN	IN ROOM 2	
08:45	Plenary Session in Rotterdam 1	08:45	Plenary Session in Rotterdam 1	
	thermal Energy Conference Welcome & ning Keynote			
10:50	Geothermal Energy and the Heat Transition - B. Cox (AFRY)			
10:25	Coffee Break (Tue AM)			
Resc	ource assessment for direct use			
11:30	Geothermal Energy Integration for Urban Heating and Cooling: Technical Insights from Smart City Case Studies - S.I. López Kovács Repsol			
11:50	Exploring Deep Geothermal Potential in Lower Saxony: Leveraging Open-Source Data for Sustainable Energy Development in Germany - A. Parent SLB - GeothermEx			
12:10	2D & cross-spread mini-3D surveys for geothermal doublet planning in The Netherlands E. Kleiss Kleisseis			
Rese	ervoir Characterisation & Modeling		licated session GE: From Mines to Megawatts: othermal Heat, Storage, and Sustainable Energy	
13:50	Netherlands: The Breda Subgroup and Oosterhout Formation - R. Altenburg	13:50	From Legacy to Opportunity: Using Flooded Mines for Geothermal Heat Storage in Europe's Energy Transition - E. Mugova Fraunhofer IEG	
14:10	TNO  Lessons Learned from Applying Quantitative Interpretation in Geothermal Projects - K. Siraev	14:05	From Regional Assessment to Project Design: A Stepwise Approach to Developing Mine Water Geothermal Energy in Wallonia, Belgium - V. Harcouet-Menou VITO	
	GeoSoftware	14:20	Mine Water as a Source of Renewable Energy - D. Townsend Townrock Energy	
14:30	Geothermal reservoir property prediction from 2D seismic data, onshore the Netherlands S. Payne Ikon Science			
		14:35	<b>Geothermal wells of Mijnwater</b> - F. Van Driel Mijnwater	
14:50	Assessing regional validity of NMR core calibration using SCAN Amstelland-01 & De Bilt-01 geothermal exploration wells - J. Van Den Broek EBN B.V.	14:50	Panel discussion - Innovative Projects, Real Challenges: The Future of Mine Water Geothermal	
15:10	Incorporating Microseismic data into Discrete Fracture Network Models in Enhanced Geothermal Systems, Utah FORGE - M. Cottrell WSP			
Geo	mechanics & Induced Seismicity			
16:30	Minimum stress testing XLOT in seals of Geothermal SCAN wells: Methodology and models - M. Hettema EBN BV			
16:50	Numerical Modeling Approaches for Mitigating Induced Seismicity in Geothermal Reservoirs - I. Saifullin TU Delft			
17:10	Managing seismicity and characterizing reservoirs to enable geothermal energy development while minimizing seismic risk and impacts - A. Dodangeh University of Strasbourg CNRS ENGEES			
17:30	Optimizing Reinjection: Evaluating Temperature-Driven Mineral Reactions and Well Performance in Lithuania's Cambrian Reservoirs - A.R. Abdul Nabi Memon Kaunas University of Technology			

MEE	ES ROOM 2	PEN	IN ROOM 1
08:45	Plenary Session in Rotterdam 1	08:45	Plenary Session in Rotterdam 1
Mod	rogen and Energy Storage Opening Session: leling of supply and demand of energy in general its relevance to storage		
10:50	Dutch national agenda for underground H2 storage - N. Aland Dutch Ministry of Economic Affairs and Climate		
11:10	HY3+: Enabling and Balancing the Hydrogen Infrastructure in North-West Europe - R. Groenenberg TNO		
10:25	Coffee Break (Tue AM)		
Dep	leted oil/gas fields		icated Session H2: Techno-economic analysis and istry perspective on hydrogen and energy supply
11:30	Screening the Dutch gas fields on suitability for hydrogen storage - S. Van Klaveren Ebn B.v.	11:30	An industry perspective on the hydrogen economy and on large-scale hydrogen storage - K. De Borst Shell Global Solutions International
			The impact of shifting industry timelines on hydrogen storage and production - M. Bohmert McKinsey
11:50	Geomechanical Screening for Hydrogen Storage Containment Integrity in a depleted gas field - K. Bisdom Shell Global Solutions International BV		Building confidence in Underground Hydrogen Storage - Results of IEA's H2-TCP Task 42 - R. Groenenberg TNO
12:10	Gas-Light Oil Interactions in Underground Hydrogen Storage in Depleted Oil Reservoirs - T. Al Shafloot King Fahd University Of Petroleum and Minerals		The power of Hydrogen Valleys: developing and interconnecting industrial hydrogen ecosystems - A. Martens WaterstofNet / Belgian Hydrogen Council
Salt	cavern/deposits	Mic	robial impact
13:50	Geological Hydrogen Storage in Salt Caverns in France: Business Cases and Their Technical Implications - N. SCHAYES DNV	13:50	Underground hydrogen storage pilot in Loenhout (Belgium): Monitoring of gas quality evolution and microbial developments - J. TREMOSA Geostock
14:10	Feasibility of Seismic Monitoring of Hydrogen Storage and Leakage in Sandstone Reservoirs Using Angle-dependent Image Gathers - A.R. Bagheri Delft University of Technology	14:10	Assessment of potential microbial hydrogen consumption in European hydrogen underground storage sites - K. Cerna Technical University of Liberec
14:30	Synthetic Seismic for Detection of Intra-salt Structures for Safe Development of Hydrogen Storage in Salt Caverns - M. Salcedo Opera - Applied Geophysical Research Group	14:30	Sensitivity Analysis of Microbial Reaction Rate Models for Underground Hydrogen Storage - A. Shojaee Heriot-Watt University
14:50	Subsurface mapping of the Northwich Halite in North West England for Hydrogen Storage Planning D. Johnstone Metatek	14:50	Numerical Modelling of Microbial Activity During Underground Hydrogen Storage in Depleted Gas Reservoirs - M. Siddiqui CSIRO
15:10	Unlocking the potential of Hydrogen Storage in Zechstein Salt from the Central North Sea - K. Kyrkou University of Leeds		
		Roc	k-fluid surficial interaction 1
		16:30	Assessing Interfacial Interactions in Mixed H2-CO2 Aqueous Systems for Geological Gas Storage - A. Keykhosravi The university of Adelaide
		16:50	Accelerating Underground Hydrogen Storage in Quartz/H2/Brine Systems: Impact of Solvent Variability on Adsorption of Organics - A.N. Janjua King Fahd University of Petroleum & Minerals
		17:10	Using helium as a proxy for hydrogen in two-phase flow experiments for Underground Hydrogen Storage - D. Smith Heriot-Watt University
		17:30	Machine Learning-Driven Wettability Prediction for Underground Hydrogen Storage in Gas Reservoirs - M. Sofian King Fahd University of Petroleum and Minerals

10:50	Plenary Session in Rotterdam 1
	Coffee Break (Tue AM)
	hore Conference Welcome & Opening Keynote
10:50	
11:10	Geotechnical engineering opportunities from ground models - T. Langford Norwegian Geotechnical Institute (NGI)
	icated Session OW: Multi-Use of the North Sea Subsurface: llenges for co-location of offshore energy systems
11:30	Strategic Synergies in Subsurface: Co-Locating OWF and CCSTechnologies for Integrated Monitoring and Cost-Efficient Energy Transition - B. Robbins bp
	Co-location of Offshore Energy Systems: The Case of OWF and CCUS - R. Prasad Fugro
	OWF integration on the North Sea, in which Offshore Wind is linked to CCS, Hydrogen(storage) from a subsurface/ area development perspective - J. Koornneef TNO
	UK Seabed Co-Location forum (General Seabed co-location/integration) - A. Topham Crown Estate
Seal	bed mapping & characterisation for Offshore Wind 1
13:50	High-Resolution 3D Seismic Reveals Middle Pleistocene Tunnel Valleys and Active Tectonics in the German North Sea - S. Breuer Federal Institute For Geosciences And Natural Resources [BGR]
14:10	On the infill of a tunnel valley system – Case study from the East Irish Sea - C.S. Forsberg Norwegian Geotechnical Institute
14:30	Subsurface Expressions of a Formerly Glaciated Landscape in the East Irish Sea Basin - G. Wood bp
14:50	Managing geophysical survey data with automated master target lists - L. Noppe GEOxyz
Seal	bed mapping & characterisation for Offshore Wind 2
16:30	An integrated approach to understanding buried glaciated landscapes and the hazards they pose to offshore installations - C. Cotterill NGI
17:10	Extremely-high resolution 3D seismic data: A requirement for Offshore Wind along glaciated margins - B. Bellwald Norwegian Geotechnical Institute (NGI)
17:30	Deep learning-based Horizon Interpretation on UHRS data for Offshore Wind - Examples, Challenges and Opportunities - D. Qu Ramboll
16:50	CLAMS: A Surface-Based Approach to 3D High-Resolution Sub-Bottom Imaging for Offshore Wind - K. Demir Fugro Innovation & Technology B.V.

st	er Session and Extended Coffee Break
	Poster Session and Extended Coffee Break
0	Mapping gravel from core images, in the East Irish Sea - E.H. Reutz Norwegian Geotechnical Institute (NGI)
	Investigation the Effect of Subcooling on the Kinetics of CO2 Hydrates Formation/Dissociation in Porous Media - M. Aghajanloo Tudelft
	Enhancing Emulsion Flooding Modelling with Physics-Informed Neural Networks for Improved Oil Recovery Predictions - M. Riazi Department of Petroleum Engineering, School of Mining and Geosciences, Nazarbayev University, Astana
	Machine Learning-Based Prediction of CO2 Conversion Ratio in Underground Bio-methanation - L. Wu Clausthal University of Technology; Southwest Petroleum University
	Understanding the Effects of Injecting Cold CO2 into Hot Saline Aquifers: A Numerical Simulation Study - I. Oraki Kohshour University of Oslo
	Experimental study on the CO2 mineralisation potential of German igneous rocks - M. Berndsen Fraunhofer IEG, Fraunhofer Research Institution for Energy Infrastructures and Geotechnologies IEG, Bochum; Institute for Geology, Mineralogy, and Geophysics, Ruhr University Bochum
	From Screening to Site Selection: Refining CO2 Storage Potential in the Llanos Basin, Colombia - M. Rodriguez-Ramirez ADH+CCUS
	Evaluating the Efficiency of Model-Based Inversion and Hybrid Harmony Search for CO2 reservoir Imaging A.P. Singh Banaras Hindu University
	Rock Physics Modelling and Geomechanical Analysis of Northern Lights CO2 Storage, offshore Norway - U. Durmus University of Oslo
	Seismic Mapping and Geohazard Assessment in the Brazilian Equatorial Margin for Offshore Wind Farm Safety - N. Maia de Almeida Federal University of Ceará

#### Poster Presentations - Tuesday 28 October

#### **POSTER AREA (EXHIBITION FLOOR)**

15:30 A Kinetic Description of Hydrate Systems Using Operator-Based Linearization Approach - S. Mohammad Taghinejad Esfahani Department of Geoscience and Engineering, TU Delft, Delft

Numerically evaluating the performance and sustainability of an enhanced geothermal fractured reservoir - M.I. ANSARI Indian Institute Of Technology Madras

Assessment of common hypotheses adopted in borehole sizing for Ground-Source Heat Pump (GSHP) systems - F. Bez Centre Efficacité Energétique des Systèmes; Centre Geosciences Mines Paris

An Overview of Lithium Prospectivity in the Permian Rotliegend Sandstones of the North German Basin - K. Alms

Research project "On Certain Ground": Uncertainty Quantification in Ground Modelling for Offshore Wind - S. Oberhollenzer

Numerical Simulation of Wave Propagation due to Carbon Dioxide Storage in Anisotropic Porous Media - G.E. Nkeng

Reverse Enthalpy Methodology: Using oil & gas best practices to assess geothermal projects - P. Pestman Rose Subsurface Assessment

Metal Hydride Hydrogen Storage: Numerical Simulation and Experimental Study - D.Y. Lee School of Engineering, The University of Manchester, Manchester M13 9PL

Synergistic CO2 Capture: NH2-functionalized UiO-66 and DES- choline-chloride/urea impregnated membranes - H.M. Khalid University of Guelph

Carbon Storage Potential in Offshore Nova Scotia, Canada - S. Kennedy Net Zero Atlantic

A Python-base algorithm as an automatic and more consistent First Break picker - A. Gil de la Iglesia Fraunhofer-IWES

Multi-satellite Analysis of CO<sub>2</sub> and SO<sub>2</sub> Emissions from the 2021 Fagradalsfjall Volcanic Eruption - C. Delbet

Detection of a volcanic formation in the Miocene sedimentary sequence using seismic amplitude inversions - M. Zahbi Divert2explore 0ü

4D Assessment of CCUS Potential through Synthetic Seismic Generation Using Forward Models - P. Do Nascimento Costa

3D Ultra-High-Resolution Seismic Survey - North Sea Case Study - E. Edmonds

Calcium carbonate synthesis from waste concrete for carbon dioxide capture: From laboratory to pilot scale - J. Choi Korea Institute Science &technology

Deep underground water composition and potential effects on underground (hydrogen) storage in the Netherlands - J. Juez-Larré TNO-Dutch Geological Survey

Regulatory and Commercial Challenges in CCS: Strategies for Permitting, Finance, and Commercialization - J. Saldana Independent Consultant Researcher

Dissolved-Water CO2 Injection as a Salt Precipitation Mitigation Strategy in CO2 Storage Processes in Saline Aquifers - A. Papi Heriot-Watt University

Closed loop vacuumized dual pipe solution installed in a Gross Schonebeck repurposed hydrothermal well - K.G. Maver Green Therma

CO2 Resource to Reality: Applying Risk and Classification Frameworks in CCS Projects through Global Case Studies - S.I. López Kovács Repsol

Exploring Global Geothermal Energy Potential Pathways: Unlocking Integrated Assessment Model Strategies Projections - P.H. Gulelmo Souza Energy Planning Program PPE COPPE UFRJ; PETROBRAS Exploration and Production

Predicting Optimum Cable Routes for Offshore Wind Farms through Machine Learning & Forward Modeling Simulations - A. Ahmad

Connectivity Impacts in CCS Simulation Using a High-Resolution Fluvial Model from Triassic Outcrop (TIBEM, Spain) - A.D. Blanco Pericana University of Granada

Integrated 3D Modeling of a High-Temperature Geothermal System: Case Study of the Asal-Ghoubbet Rift (Djibouti) - A. Abdi Ali **IFPEN** 

The impact of impurities on the CO2 storage capacity of aquifers and depleted gas reservoirs - J. Bijkerk TNO - Dutch Geological Survey

Repurposing O&G Wells for CO2 Storage: Key aspects for safety - N. Oliveira Universidade Federal Do Rio De Janeiro

CCS in Deep Saline Aquifers: Estimating theoretical CO2 storage capacity of the Dutch offshore Rotliegend aquifers - B. Davids

Transforming Legacy Fields into CCS Assets: A Pathway for the Energy Transition - M. Garcia Gomez

A Hybrid Digital-Experimental Workflow to Predict Two-Phase Relative Permeability in Tarmat-Bearing Reservoirs with Limited SCAL Data - T. Al-Nasseri Heriot Watt University

#### Poster Presentations - Tuesday 28 October

#### **POSTER AREA (EXHIBITION FLOOR)**

15:30 DEEP DECARBONIZATION AND DESULFURIZATION USING CU-FE/VO- TIO2 IN AMBIENT TEMPERATURE WITH OXYGEN VACANCIES - J. Choi Korea Institute Science &technology

Seismic Reservoir Characterization for CCS screening – case study from offshore Australia - A. Murineddu

UHR3D - a step change in data resolution - an equal step change in interpretation challenges - B. Kjølhamar

Accelerating the clean energy transition through geothermal resource and ensuring energy security in India - S. Sharma

Demonstrating a multi-physics data assimilation framework on the Smeaheia CO2 storage case - M. Lien NORCE Norwegian Research Centre

Framing the Reservoir: Impact of Area of influence, Boundary Pore Volume and Transmissibility on CCS Simulations - S. Godefroy

Designing micromodel experiments for pore scale analysis of CO2 storage in deep saline aquifers - S. Malik Kaunas University of Technology

Pore-scale Multi-phase Flow Analysis: Effect of Cyclic scC02 Core Flooding in Depleted Oil Carbonates using NMR - L. Al Siyabi Sultan Qaboos University

Probability of induced seismicity associated with large-scale underground hydrogen storage in salt formations of northwestern Europe - N. Van Den

Delft University Of Technology; Dutch State Supervision of Mines

Integrated Ground Models for offshore wind farms – learnings from Denmark and South Korea - L. Klinkby **COWI AS** 

Joint inversion of 4D seismic amplitude and time-shift data for enhanced time-shift estimation in CCS monitoring - A. Raeisdana Heriot-watt

Effect of the Immiscible-to-Miscible Transition on Gas Injection Pore Occupancy in Network Model with Various Wettabilities - S. Mahmoudvand Heriot-Watt University

Three-Phase VE Simulation of CO2-Methane-Brine Flow in Reservoirs - S. Telvari

Heriot-watt University

Geomechanical 3D modeling to support the Jubarte CCS Project - Campos Basin - E. Sousa

Petróleo Brasileiro SA PETROBRAS

Geologic/Natural hydrogen potential in Norway - B. Bohloli

NGI-Norwegian Geotechnical Institute

Evaluating large-scale saline aquifers: Unlocking CO2 storage in the Santos Basin through consistent multiscale analysis - M. Kreutz Erdtmann TU Delft; Petrobras

Quantification of injectivity loss of CO2 injection well and its uncertainty: reactive transport simulations - A. Estublier

Novel approach to increasing resolution for shallow hazard 2D seismic acquisitionIntroduction - N. Gribb Oceaneering

Containment Risk Management for CCS projects - M. Zwaan

Panterra Geoconsultants

Halite-Induced Well Impairment in Short Intermittent Injection Scenarios in a North Sea Aquifer - A. Perez-Perez CHLOE (ADERA)

The Lithium Brine play: A Global Perspective. - P. Mullin

Werrus Energy

The London Register of Subsurface CO2 Storage - X. Gao

Imperial College London

Reactivity of Hydrogen in Porous Media for Underground Storage: Mineralogical and Microbial Interactions - M.Á. Caja Repsol Tech Lab

Direct Lithium Extraction Technologies for Brine Resource Development: Assessment Criteria and Performance Insights - M.Á. Caja Repsol Tech Lah

Key outcomes of the CTS project - R. Berenblyum

NORCE Norwegian Research Center AS

Comprehensive Uncertainty Sampling for Optimised CO2 Storage Site Design - M. Liem

Storra Dynamics GmbH

ROT	TERDAM HALL 1	RO	TERDAM HALL 2		
tran	role of young professionals in the energy sition cont'd (organised by EAGE Young essionals Community)				
Mod	derator: R. Chigbo, Geologist, Harbour Energy				
08:45	Panelists: E. Edmonds, Imaging Geophysicist IV, TGS; K. Bisdom, Geomechanicist, Shell; K. Singh, Associate Professor at the Institute of		Keynote: What is the actual global storage capacity?		
	GeoEnergy Engineering, Heriot-Watt University, Heriot-Watt University; P. Joshua, Senior Research Engineer, Petrophysicist, BRGM	09:25	Keynote: What is the actual global storage capacity? - 0. Tucker Shell		
10:05	Coffee Break (Wed AM)				
Tech Mod	el Discussion: Powering Progress: The Role of nnology and Digital in New Energies derator: O. Abbink, Director, Energy Technology Innovation, S&P Global Commodity Insights		icated Session CCS 4: CO2 Storage Monitoring: nnologies and Lessons Learned		
10:30	, <u> </u>	10:30	Seismic monitoring of CO2 plumes: for detection, validation and understanding - P. Ringrose NTNU		
	A. Wiebenga, Industry Advisor Energy & Sustainability, Microsoft		Designing a Monitoring Plan for the Endurance CO2 Store, Southern North Sea, UK - A. Merry TotalEnergies		
			Delivering MMV Solutions to Support CCS Project Development - R. Salter SLB		
			Remotely operated vessel for cost-effective monitoring - N. Holmedal Reach Subsea		
			Delivering the 4C's of carbon storage monitoring using novel 4D seismic technologies - S. Hollingworth Viridien		
	ary Panel Discussion: Critical Raw Materials				
	<b>:urope)</b> derator: G. Pouliquen, Sales Director, Bell Geospace				
11:50					
12:50	Lunch Break (Wed)				
			icated Session CCS 5: Technical solutions for leted fields		
13:50	Case Story: Our Subsurface Dilemma: Defining Capability for a Low- Carbon Future by Jeff Lukasik, Vice President, Subsurface, Competence Centre International (Exploration & Production International) (Equinor)	13:50	Ultra-depleted fields: the physics explained, the challenge laid out - S. Belfroid TNO		
14:30	Case Story: Insurance and the Energy Transition by Rodney Garrard, Geo Energy Advisor (Arch Insurance International)		The Porthos project: how to manage CO2 injection in a heavily depleted gas field - M. Bouts EBN		
			<b>The L9 ultra-depleted gas field -</b> C. Combe Shell		
			The HyNet project - F. Cecchetti ENI  Low-pressure onshore gas field in Romania - E. Hornstra		
			OMV Petrom SA-E&P  The L4-A project in NL offshore - P. Mureau		
			Totalenergies Netherlands BV		
	Coffee Break (Wed PM)				
geo	el Discussion: Pitch Forge Where innovation & science spark		ssure interference – with extended Q&A		
15:50	Panelists: S. Kortmann, Director of the Amsterdam MBA, University of Amsterdam-MBA Programme; S. Lacaze, CEO, Lookup Geoscienc; E. Morgan, Co-Founder, Spotlight; J. Boorsma, Toastmasters Adam	15:50	Under pressure: the competition for aquifers in the global energy transi- tion - S. Thibeau TotalEnergies		
		16:10	Seismic-Driven Coupled Multiphase Flow and Geomechanics for Risk Assessment of Luna CO2 Storage Site, North Sea - A. Haghi Viridien		
		16:30	Multi-scale simulation strategies for managing pressure interference in multi-site CO2 storage in large regional aquifers - T. H. Sandve NORCE Norwegian Research Centre		
		16:50	Managing Fault-Related Risks in Gigatonne-Scale CO2 Storage with Multiscale Modeling and Simulation - S. E. Gasda NORCE Norwegian Research Centre		
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GOUDRIAAN ROOM 1&2			LEEUWEN ROOM 1				
Seal	l characterization – with extended Q&A		Depleted fields - conformance monitoring / hydrate formation challenges				
10:30	Integrated approach for the containment assessment of the seal/overburden successions – the Ravenna Hub example - C. Barbieri ENI	10:30	Assessment of 4D seismic signal strength and time-shifts in the Viking South carbon storage site - S. Y. Toh Heriot-Watt University				
10:50	Near InjectioN Optimization (NINO) for Carbon Capture and Storage in Depleted Gas Reservoirs - A. Cilona Shell GSNL	10:50	The image paradigm in question: 4D seismic limitations in depleted gas fields for CO2 monitoring - H. Al Khatib SpotLight				
11:10	Characterization of the fault gouge material for CO2 storage conditions - A. Mortazavi Nazarbayev University	11:10	Near-wellbore hydrate effect on CO2 injection: insights from microfluidics and core flood experiments - L. Yan Delft University of Technology				
		11:30	CO2 storage capacity in depleted gas fields offshore the Netherlands: a portfolio study - J. Bijkerk TNO - Dutch Geological Survey				
11:50	Plenary Session in Rotterdam hall 1						
12:50	Lunch Break (Tue)						
	Bunter Formation as a key target for CCS in Europe – with extended Q&A		erstanding trapping mechanisms – n extended Q&A				
13:50	Stratigraphic and Sedimentological Evolution of the Bunter Sandstone Formation, UK Southern North Sea: Implications for CCS - R. Graham British Geological Survey	13:50	Physics-Constrained Machine Learning on a Unified CO2–Brine Experimental Database: Predicting Relative Permeability & Capillary Pressure Curves - N. Castillo Repsol				
14:10	Geological heterogeneity of the UKCS aquifers and its impact on CO2 injection and 4D seismic signal - B. Kopydlowska Heriot-Watt University	14:10	Capillary Pinning and the Role of Sedimentological Heterogeneity in CO2 Storage - Q. Zhang Delft University Of Technology				
14:30	Efficient Storage Complex Characterisation and 4D Monitoring Feasibility using Rock Physics - E. Oldham Merlin Energy Resources Ltd.	14:30	Enhancing CO2 storage efficiency in aquifers using pre-Injected nitrogen: coreflooding insights from clay-rich sandstones - A. Keykhosravi The University of Adelaide				
14:50	Storage capacity constraints in unconfined saline aquifers - insights from the Humberside prospect, offshore UK - A. Peksa Shell International B. V.	14:50	Geochemical Trapping Efficiency of H2S and CO2 in Saline Aquifers: Individual vs. Co-Injection Strategies - A. Tchistiakov Independent researcher				
	physical monitoring - gravity, automation and risk essment		licated Session CCS 6: CCS and Geothermal - ergies and challenges				
15:50	Integrated reservoir simulation to gravity modelling workflow for CO2 sequestration site monitoring - Y. Kozlov SLB	15:50	Unlocking Dual Potential: Integrating Geothermal Energy and CCS in the Paris Basin - A. Parent SLB - GeothermEx				
16:10	Unmanned time-lapse gravity and seafloor deformation surveys as an alternative to costly 4D seismic for CCS - H. Ruiz Reach Subsea	16:10	Proof of Concept for CO2 based geothermal Power concepts in a real environment - F. Boehmer Factor2 Energy				
16:30	Powering Automation in CCS Monitoring: Machine Learning Applications from the Quest Fiber Optic Datasets - S. Minisini Shell Global Solutions International B. V.	16:30	How Hydrothermal Derisking and CO2-Plume Geothermal (CPG) Support CCS - M. Saar ETH Zurich				
16:50	<b>Quantifying Risk of Geological Carbon Storage Projects</b> - P. J. Pestman Rose Subsurface Assessment	16:50	Comparing Seismicity Risk Management in Geothermal Energy and CO2 Storage Sectors - G. Thuerschmid EBN B.V.				
17:10	Transdisciplinary risk assessment for the development and implementation of CCS projects - M. Sprenkeling TNO						

		PEN	IN ROOM 2
Larg	ge-scale resource assessment part 1		
09:25	Offshore geothermal resources: Quantifying the global opportunity - A. Jones Viridien		
09:45	Mapping geothermal potential within Türkiye, United States, and Argentina, using traditional exploration and production data - E. Dobb S&P Global		
Larg	ge-scale resource assessment part 2		icated session GE: When Al Meets Geoscience arbonised Futures
10:30	Deciphering conductive versus convective regime in hidden geothermal systems - 0. Schenk SLB	10:30	Panelists: S. Carpentier, Geophysicist (TNO); A. Parent, Senior Petroleum Systems / Structural Geologist (SLB - GeothermEx); Jerot Snippe, Reservoir Engineer (Shell Global Solutions International B.V Ivan Vasconcelos, Principal Researcher Head of Al and Monitory (SHEARWATER)
10:50	Geothermal Energy Potential of Basement Hot Springs: Case Study of Ulu Slim (Malaysia) - A. Everts AEGeo Sdn Bhd		
11:10	The deep temperature and lithospheric thermal structure of the central Tan-Lu Fault Zone, North China - L. Feng China University Of Petroleum Beijing		
11:30	Layer-specific Q estimation for deep geothermal potential beneath Malargüe, Argentina, using seismic interferometry and ghost reflections - Y. Nishitsuji Sumitomo Corporation; Delft University of Technology		
11:50	Plenary Session in Rotterdam hall 1		
12:50	Lunch Break (Tue)		
Digi	tal Innovation, Al and Simulation		icated session GE: Accelerating Innovation in Netherlands on Geothermal Energy (GEO4ALL)
13:50	Enhancing deep geothermal reservoir characterization in Paris via structural and CNN-driven quantitative interpretation methods - J. Pwavodi BGRM	13:50	Cool(ing) measurements: probing the cold front for safe and optima geothermal production in Rotliegend sandstones - L. Buijze (TNO) & H. van Oeveren (EnNatuurlijk Aardwarmte)
14:10	Data Worth Analysis for a Fluvial Geothermal System using an Ensemble Smoother with Multiple Data Assimilation - G. Song Delft University Of Technology	14:10	Unlocking low temperature geothermal: key insights for exploitation geothermal energy from medium depths (500-1500 m) - E. Peters TNO
14:30	Leveraging Digital Innovation for Optimized Geothermal Well Planning: Insights from current digital drilling platform - A. Schiuma Exceed Geo Energy	14:30	Data Sharing in Geothermal: Optimizing Plant Operation and Maintenance - P. Shoeibi Omrani TNO
14:50	Assessing neural operators for microseismic source localization - K. Suleymanli Azerbaijan State Oil And Industry University	14:50	<b>Optimising geothermal wells in marginal reservoirs</b> - E. Barros TNO
	icated session GE: Next-generation simulators for thermal energy	the	icated session GE: Heating up the low countric development of geothermal methods in the nerlands
15:50	Role of Advanced Reservoir Simulation in Modern Geothermal Applications - D. Voskov TU Delft	15:50	Workflow for Seismic Monitoring of Dutch Geothermal Operations: Motivation for the Kwintsheul-Geo4All Active-Source Seismic Sur D. Naranjo TU Delft
	Fimbul. jl – fast, flexible, robust, and differentiable geothermal energy simulation in Julia - Ø. Klemetsdal SINTEF Digital		H3O-Deep: A High-Resolution Hydrogeological Model of the Deep Subsurface of the Southern Netherlands - J. ten Veen TNO-Geological Survey of the Netherlands
	Advanced reservoir simulation for Geothermal Energy: SLB Intersect's evolving capabilities - G. Sosio SLB		
	Panel discussion		

MEE	S ROOM 2	TOF	(YO ROOM
Natı	ural Hydrogen	Dat	a Integration and Ground Modelling 1
09:25	Natural Hydrogen Development-Potential and Challenges - A. Everts AEGeo Sdn Bhd	09:25	Validation of an In-situ method to measure thermal conductivities - R. Usbeck FIELAX Gmbh
09:45	An Integrated Exploration Strategy: Natural Hydrogen Play Concepts in Super Sedimentary Basins - C. Olivares Petrostrat	09:45	Using different visualisation techniques to help communicate complex geological ground models to non-specialist audiences - C. Cotterill NGI
	icated session H2: Natural & Stimulated logic Hydrogen	Seis	mic Data Acquisition and Processing 1
10:30	A Review of Natural Hydrogen Systems, Exploration Models: a Case Study from Ras Al Khaimah, UAE - R. Heath NHSG	10:30	Not All Hyperbolae Are Equal - Using Wavefield Physics to Identify Point Diffractors in UHRS Data - N. Woodburn RockWave
	<b>Helios Group: Building a global natural hydrogen portfolio -</b> I. Munro Helios Aragon	10:50	Integrating UHR diffraction imaging and spectral decomposition for enhanced offshore windfarm geohazard mapping - A. M. S. Ramadan ATLAS MARIDAN
	Enhancing hydrogen production from rock - E. Gaucher RockyH2	11:10	3D UHRS Diffraction Imaging for Point Contact Detection in Offshore Wind Site Surveys - L. Limonta TGS
		11:30	A depth-oriented future: advancing offshore wind seismic with tomography - C. Boylan Rockwave
11:50	Plenary Session in Rotterdam hall 1		
12:50	Lunch Break (Tue)		
UHS	Caverns, Compressed air, thermal	Dat	a Integration and Ground Modelling 2
13:50	Numerical analysis of gas storage operations in a real lined rock cavern - D. Damasceno Quantifiedcarbon	13:50	Case study: Integration of Multi-Sensor Core Logging data, X-ray and CT Imaging in Ground Model Development - T. S. Faleide Norwegian Geotechnical Institute (NGI)
14:10	pyCAES a general framework for CAES modelling and optimization - G. De Paola Repsol Technology Lab	14:10	CPT prediction from seismic data using machine learning – comparing joint versus separate prediction approaches - D. Qu Ramboll
14:30	Thermal characterization of crystalline rocks for cavern thermal energy storage application - S. Vallin Geological Survey Of Finland	14:30	A simplified geostatistical approach to integrated ground modelling for Offshore Wind site characterization - L. Griffiths Norwegian Geotechnical Institute (NGI)
		14:50	Assessment of synthetic CPTs in monopile design for offshore wind turbines: A case study - C. Anastassopoulos University Of Southampton
		15:10	Monitoring soil properties on offshore structures (4D Seismic on piles) - J. Hebig Fraunhofer IWES
	icated Session H2: Pilot projects in rogen Storage	Seis	mic Data Acquisition and Processing 2
15:50	Benefits of the FrHyGe Underground H2 Storage (UHS) demonstrator - 0. Lhote Storengy SAS	15:50	Optimal acquisition and processing strategies for successful UHRS pre- stack inversion - P. Cox RockWave
16:10	EUH2STARS: From local demonstration to European UHS reference system - M. Sachsenhofer RAG Austria AG	16:10	From 1-D Velocity Uncertainty to Horizon Confidence: A Monte-Carlo Rat Tracing Approach - A. Ghanim Fraunhofer ITWM
16:30	Feasibility of UHS in depleted gas fields: progress on subsurface assessment of the H2RESTORE project - M. Siddiqui, J. Sutton Csiro; Lochard Energy	16:30	3D UHRS Depth Velocity Model Building for Offshore Wind Farm Site Characterization - L. Limonta TGS
		16:50	Curvelet-domain demultiple for high-resolution and ultra-high-resolution seismic data - A. Egorov RadExPro Seismic Software LLC
		17:10	Next generation repurposing: harnessing refractions in legacy 3D seismic via the direct-calculation refraction (DCR) metho- N. Woodburn

RO1	ITERDAM HALL 1	RO1	ITERDAM HALL 2
Emp Mod Lool Phd	el Discussion: Inclusive Energy Transitions: cowering Women, Advancing Equity derators: M. Peter-Borie, R&D manager - Consulting, k Up Geoscience; A. Karimzadanzabi, Researcher Candidate, Civil Engineering and Geosciences, nnische Universiteit Delft - Chair EAGE WGE	Кеу	note: Offshore offloading - the Greensand project
08:45	Panelists: E. Mugova, Fraunhofer IEG, Women in Mining Germany - Mine Water and Geothermal Energy Specialist - General Secretary of IMWA -	08:45	Project Greensand – From North Sea Oil to CO2 Storage - M. Larsen Ineos Energy
	Board Member of WiM Germany; M. O'Grady, Project Manager (GEMINI), Geological Survey of Northern Ireland; C. Marras, Saipem Solutions Manager, Geoscience and Environmental Surveillance - Chair, UNECE Women in Resource Management Working Group; Dr. S. Hangx, Associate professor, Utrecht University; K. Löer, Assistant Professor in Applied Geophysics, Technische Universiteit Delft	09:25	CCS Poster Session
10:05	Coffee Break (Thu AM)		
	el Discussion: Geological Risk Assessment in		kflows & technology for reservoir and overburden
Moc Moc	rgy Transition Technologies: The importance of delling Tools and Techniques derator: J. Hagan, Senior Geoscientist, bGeo Energy	cha	racterisation
	Panelists: M. Cottrell, Technical Director FracMan and Geoscience, WSP; C. Sorgi, CCS Geomechanics Advisor and Monitoring Champion, SLB; C. Roche, Senior Project Owner, New Energy Solutions and Director, TGS;	10:30	Seismic re-processing and interpretation to reduce uncertainties in Sean-Inde CCUS site characterization - J. Beishuizen Shell
	S. Osinga, Geomechanics Scientist, TNO	11:10	Utilising frequency decomposition and Al for carbon storage derisking - a case study from Stenlille, Denmark - H. Whittaker Geoteric
		11:30	On the potential of multi-component vertical seismic profiling to monito CO2 storage - J. Park NGI
1:50	Panelists: G. de Vries, Associate Professor of Climate Psychology, Delft University of Technology; P. Ringrose, Professor in Energy Transition Geoscience, NTNU; K. Piessens, Geologist, Geological Survey of Belgium Royal Belgian Institute of Natural Sciences; M. Sprenkeling, Scientist Energy Transition, TNO Vector		
11:50	Plenary Session in Rotterdam hall 1		
_	Lunch Break (Thu)		
Zero Geo	licated Session: Subsurface Intelligence for Net- i: Inside the Geological Service for Europe's iEnergy Atlas derator: R. Barros, EuroGeoSurveys	Res	ervoir & containment related modelling studies
13:50	Towards a Geological Service for Europe: making the subsurface digital and connected - R. Barros EuroGeoSurveys	13:50	K6 regional modelling for Aramis: a solution to help ensure safe and permanent storage of CO2 - M. Bussman TotalEnergies EP Nederland
	Connecting Europe's geoscience data through the European Geological Data Infrastructure (EGDI) - T. Heijboer GEUS	14:10	Multi-scenario-based workflow for early identification and characterization of reservoirs for Carbon Capture and Storage, North-Sea example M. Leon-Stackow Eliis
	Turning geological complexity into usable knowledge with the GSEU Pan-European Atlas of Sustainable GeoEnergy Capacities - M. Koevoets TNO	14:30	Plume Dynamics: Influence of Geological Heterogeneity, Solubility and Grid Resolution on CO2 Storage Efficiency and Trapping - S. Kulaksiz Rock Flow Dynamics
	<b>Deep dive into Europe's CO2 storage potential</b> - C. Vincent British Geological Survey	14:50	Modeling of irreversible thermodynamics relevant to CCS using parame terization approach - J. Lu Tu Delft
		15:10	DARTS-well: An Open-Source Coupled Wellbore-Reservoir Numerical Model for Energy Transition Applications - S. Moslehi Delft University of Technology
15:30	Coffee Break (Thu PM)		
			icated Session CCS 7: From Promise to Progress: CS Ready to Deliver?
		15:50	Panelists: H. Inadomi (Aker Solutions), G.M. Sagerup (Equinor), I. Kenis (Carmeuse)

MEES ROOM 1			IN ROOM 2
Unconventional & EGS Systems			icated session GE: Advancements in Drilling
			nnologies for Geothermal Energy: from shallow to presources extraction
08:45	Integrated static, dynamic, and geomechanical modeling of the Utah FORGE EGS site - G. Sosio SLB	08:45	Use of oilfield technology for deep closed loop co-axial geothermal wells - K.G. Maver Green Therma
09:05	The Coaxial Reversable Medium-Deep Geothermal Heat Well Technology An Innovative Approach to Sustainable Heating - E. Salmenvaara QHeat		Emerging Drilling Technologies Unlocking Deep and Medium-Deep Geothermal Energy - F. Bergen TNO
09:25	Model for heat extraction from salt structures by a closed-loop geother- mal system - P. Wojnarowski AGH University of Krakow		Increasing efficiency of shallow and deep Geothermal Energy Systems through Directional Steel Shot Drilling - P. Van Nieuwkoop
the	icated session GE: Challenges and strategies for development of geothermal energy in isolated anic islands		icated session GE: Enhancing Geothermal Energy loyment for District Heating and Cooling Networks
10:30	Geothermal Energy for Sustainable Transitions in Small Islands: Insights from the IRGE Project - B. Cantucci Marini Istituto Nazionale Di Geofisica E Vulcanologia	10:30	Testing energy piles in the Netherlands: extracting and storing energy within civil infrastructure - P. Vardon TU Delft
	Geothermal exploration through integrated geological-geophysical survey at various sites in Greece PPC Renewables has authority - G. Apostolopoulos National Technical University of Athens		Scaling Low-Carbon District Heating and Cooling with Shallow Geothermal Energy - E. Coudert Celsius Energy
	<b>Dedicated Session presentation (title TBC)</b> - D. Bonte BRGM		OHeat's Co-Axial Heat Wells as a Backbone in Enhancing Geothermal Energy Deployment for District Heating and Cooling Networks - E. Salmenvaara OHeat
11:50	Plenary Session in Rotterdam hall 1		
12:50	Lunch Break (Thu)		
The	icated session GE: Constraint Required: Promise and Pitfalls of Joint Inversion in thermal Exploration	Hea	t Storage & ATES Systems
	15 years of Simultaneous Joint Inversion: Examples, Challenges, Opportunities and Future Directions - L. Masnaghetti	13:50	Laboratory Scale Investigation of Fracture Thermal Energy Storage - A. Mathey
	SLB		Ecole Polytechnique Fédérale de Lausanne (EPFL)
	Towards a multi-physics and multi-scale approach of deep geothermal exploration - S. Védrine BRGM, France	14:10	Optimal energy production and energy density for ATES and open-loop groundwater heating and cooling systems - C. Jacquemyn Imperial College London
	<b>Dedicated Session presentation (title TBC)</b> - P. Rulff TU Delft	14:30	Comparative Simulation of Homogeneous and Heterogeneous ATES Systems Scenarios in the Permo-Triassic Sherwood Sandstone Group - S. Oguntade Queen's University Belfast
		14:50	Thermal Energy Storage in Salt Caverns: A Feasibility Study for Seasona Heat Management - N. Khoshnevis TNO
	icated session GE: Energy from the matrix: thermal from clastic sedimentary formations	Drill	ing, Well Testing & Performance
15:50	The role of sedimentology in heterogeneous shallow geothermal reservoirs - The Brussels Sand Member - S. McCarthy Panterra Geoconsultants	15:50	DEEPLIGHT – Electric Pulsed Power for Deep Geothermal – Full Scale Drilling Test for Tool Development - A. Reinicke TNO
	Results from recent geothermal wells in the sedimentary Nieuwerkerk Formation in the West Netherlands Basin - C. De Wijkerslooth HVC	16:10	Optimizing Geothermal Resource Development: An Integrated Approach to Well Trajectory Design and Perforation Placement - D. Janiga AGH University of Krakow
	Towards a systematic understanding of the impact of geological features in sedimentary aquifers for geothermal applications - H. Claridge Delft University Of Technology	16:30	Interference Testing: Theory and Application in Geothermal Energy - A. Sengel PanTerra Geoconsultants BV
		16:50	Rapid Analytical Estimation of Productivity and Injectivity in Horizontal Geothermal Wells - A. Sengel PanTerra Geoconsultants BV
		17:10	Integrated Approach To Characterize Geothermal Reservoir Flow Potential: An Example From De Bilt-01 - S. Ganguly EBN B.V.

	MEES ROOM 2		TOKYO ROOM			
			Advances in extremely-high-resolution seismic inversion			
08:45	High-Temperature MD-BTES in Darmstadt: From Geoscientific Exploration to District Heating Grid Integration - H. Pham Technical University of Darmstadt	08:45	Highlights of EAGE Toulouse 2025 workshop on seismic elastic inversion of for offshore wind farms - E. Cauquil TotalEnergies			
09:05	High-Temperature Aquifer Thermal Energy Storage system for research and demonstration in Delft (NL) - M. Bloemendal	09:05	Pre-stack 3D Ultra High-Resolution Seismic inversion for shear modulu prediction - R. Ruiz TGS UK			
09:25	Aquifer Thermal Energy Storage within a groundwater protection area: interactions under seasonal imbalanced conditions - Z. Mi Ghent University	09:25	Mode Conversion Potential in Shallow Offshore Sediments: A WEB-AV Modelling Assessment - A. Kelsay Delft Inversion			
		09:45	UHRS Inversion Across the Development Timeline of Offshore Wind Farms - E. Dalgaard SolidGround			
Roc	k-fluid surficial interaction 2		icated Session OW: High-frequency Sources Modelling			
10:30	Hydrogen Behaviour in Geological Formations: Insights into Cap Rock- Fluid Interactions - A. Mathew IIT Kharagpur	10:30	<b>High frequency sources in context: comparing the output of sparkers a airguns</b> - A. McKay TGS			
10:50	Experimental Insights into Hydrogen Production and Storage in Lithuanian Reservoirs via Core Flooding - M. Pal Kaunas University of Technology		Low-impact sources for near-surface characterization - A. Nath Fugro Innovation & Technology BV			
11:10	Optimal Choice Between GSHP and BTES Based on Groundwater Flow Rate Conditions - E. Asan Istanbul Technical University		Choosing a sparker system to survey your offshore windfarm - H. Duart Geosurveys – Consultores em Geofísica, Lda.			
11:30	Impact of abandonment pressure on hydrogen storage in onshore gas field Energie Beheer Nederland B.V.	ds in the	West Netherlands - G. Reijnen-mooij			
11:50	Plenary Session in Rotterdam hall 1					
12:50	Lunch Break (Thu)					
Stor	age Value chain	Engi	icated Session OW: Geohazards and Geo- ineering Challenges with offshore wind elopments in frontier areas			
13:50		_				
	Hybrid Renewable Energy Systems with Hydrogen Storage: A Sustainability-Driven Optimization Approach - E. Rozzi Politecnico Di Torino	13:50	Seismic hazards for offshore wind - Challenges in frontier areas - B. Carlton Ngi			
	Sustainability-Driven Optimization Approach - E. Rozzi	13:50	B. Carlton			
14:10	Sustainability-Driven Optimization Approach - E. Rozzi Politecnico Di Torino Quantifying Scotland's Green Hydrogen Potential through Advanced Design, Modelling, and Optimization of Energy Hubs - A. Bounaim	13:50	B. Carlton Ngi  Quantitative Geohazard and Risk Assessment for Offshore Wind Developments - J. Peuchen			
14:10 14:30	Sustainability-Driven Optimization Approach - E. Rozzi Politecnico Di Torino  Quantifying Scotland's Green Hydrogen Potential through Advanced Design, Modelling, and Optimization of Energy Hubs - A. Bounaim SLB  Hybrid Energy Storage for Renewable Integration: Optimizing Hydrogen Systems for Flexible and Resilient Energy Supply - E. Rozzi	13:50	B. Carlton Ngi  Quantitative Geohazard and Risk Assessment for Offshore Wind Developments - J. Peuchen Fugro  Geohazards and Geo-Engineering Challenges with offshore wind developments in frontier areas - C. Smith			
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## **STUDENT HIGHLIGHTS**



### **ENERGY TRANSITION STUDENT DAYS: EMPOWERING ENERGY INNOVATORS**

**Monday 27 October to Wednesday 29 October** 

The Energy Transition Student Days, held as part of the EAGE Global Energy Transition Conference & Exhibition, offer a unique opportunity for students to engage directly with key themes in the energy transition.

#### **Daily course schedule**

Monday 27 October	11:00–13:00 & 13:30–17:30		
Tuesday 28 October	10:00-13:00 & 14:00-17:00		
Wednesday 29 October	09:00–12:00 & 14:00–17:00		



#### MINUS CO<sub>2</sub> FINALS

Monday, October 27 | 09:00 to 10:30

The Minus CO<sub>2</sub> Challenge is an international student competition that encourages innovative, interdisciplinary solutions to reduce carbon emissions in the energy sector. This year, participating teams focused on the theme "Carbon Storage & Energy Storage in Cambro-Ordovician Saline Aguifer Systems: North America & Worldwide," developing proposals with technical depth and real-world relevance. The three finalist teams will present their projects on Monday, October 27, 2025, in front of industry experts and academics.

#### **Finalists**

- Universidad Pedagógica y Tecnológica de Colombia, Sogamoso, Colombia, GeoAndes Team
- Rajiv Gandhi Institute of Petroleum Technology, Jais, India, Carbon Cartographers Team
- UniLaSalle, Beauvais, France, Uni4Storage Team

### **COMMUNITY HIGHLIGHTS**

#### **BRAIN MATCH**

27-31 October | EAGE Community Hub

Make meaningful connections at GET25 by joining this personalized networking activity designed to connect you with attendees who share your interests and career goals.

Applications close on 29 October at 12:00.



### MEET & GREET WITH THE SUSTAINABLE ENERGY CIRCLE

Tuesday, 28 October | 15:30-16:00 EAGE Community Hub

Save some time on your agenda to get acquainted first-hand with the projects and engagement opportunities from our energy transition technical communities.

#### **VOLUNTEERING CORNER**

28-30 October | EAGE Community Hub

Curious about how you can play a more active role in the EAGE community? Stop by the EAGE Hub and discover the many ways to get involved!

#### **MENTORING PROGRAMME**

**EAGE Community Hub** 

Considering transitioning to a different field? Willing to share your valuable knowledge and expertise? Visit us to learn more and sign up for the EAGE Mentoring Programme 2026, our one-year professional development initiative in which you will exchange career guidance and expand your contact network.







THE WITTE HUIS IN ROTTERDAM'S OUDE HAVEN, WITH THE WILLEMSBRUG IN THE BACKGROUND - A VIEW OF THE CITY'S HISTORIC HARBOR DISTRICT

# THANK YOU TO ALL **SPONSORS AND SUPPORTERS**

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**Technical Programme Sponsor** (Carbon Capture & Storage Conference)



#### **SUPPORTING ORGANISATIONS**























# MAKING OUR EVENTS MORE SUSTAINABLE!

EAGE Events implement a waste-reduction policy addressing
Reduce, Reuse, Recycle. Our objective is to research and prioritise
the purchase of items that support the use of recycled materials,
or that can be recycled after use.

### Conference Programme

We have reduced the number of pages and printed copies to limit paper waste. The digital Event App serves as a useful complement/ replacement and provides the most accurate version of the Technical Programme schedule in addition to networking and discussion functions.

#### Signage

We minimize the use of single-use signage by opting for digital displays whenever possible.

### Lanyards & Badges Our lanyards are made in Europe using recycled rPET material. The m

Our lanyards are made in Europe using recycled rPET material. The metal hooks and fabric will be sent to a local supplier for recycling after the event. We also provide recyclable name badges without a plastic pouch.

### Transport

We fully encourage the use of shared transport for our staff and delegates. Where possible, the conference accommodation options are offered within walking distance from the venue and nearby public transport stations.

### A HEARTFELT THANK YOU TO...

- Our Executive Committee and the Technical Committees for each of the four conferences for their vital contributions and continued support in shaping this year's event and programme.
- We're also truly grateful to everyone who helped bring it all together our reviewers, session chairs, workshop convenors, short course instructors, field trip leaders, and volunteers. Your time and effort are deeply appreciated.



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