

EAGE

STRATEGIC PROGRAMME



TECHNOLOGY AND TALENT
FOR A SECURE AND SUSTAINABLE
ENERGY FUTURE

HOST



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10-13 JUNE 2024
EAGEANNUAL.ORG



Welcome to OSLO



As head of subsurface in Equinor Exploration and Production International and chair of the 2024 EAGE Local Advisory Committee, it is my honour to welcome you to the 85th EAGE Annual.

Conference & Exhibition, which comes back to Norway after 20 years. The chosen theme for this year's conference - 'Technology and talent for a secure and sustainable energy

future' – highlights the importance of our EAGE community, and I am encouraged and proud to observe how geoscientists and engineers are contributing to help solve the energy challenges our societies are now facing.

First and foremost, our conference will be an opportunity to showcase the best of the geosciences and engineering from not only within Europe but globally. We have a fantastic, broad and balanced Technical Programme this year that really showcases the technical excellence and innovation within our community, and I am looking forward to content that demonstrates in-depth discipline knowledge, focused on technical integration for holistic solutions and on cross-fertilization between oil&gas, CCS, renewables and infrastructure geosciences.

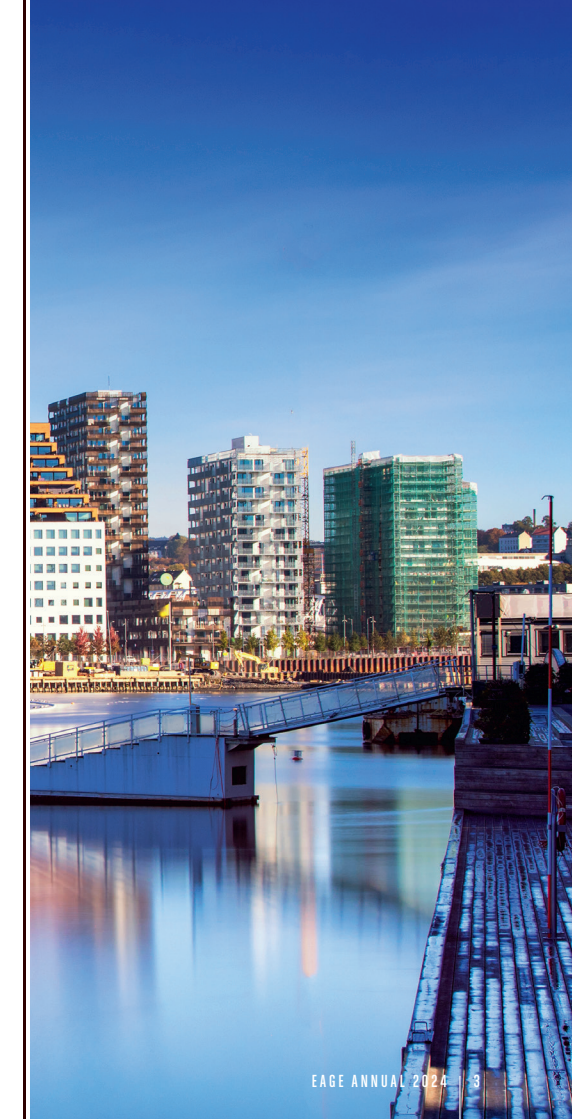
Norway and Norwegian industries are working hard to transform the Norwegian Continental Shelf from an oil and gas province to a broad energy province, helping to ensure short-term security and affordability of energy supply, and to solve our longer-term sustainability challenge. These efforts have provided important perspective for our strategic programme, and I look forward to the interesting discussions around topics such as exploration in the context of the energy transition, tackling energy poverty and the future of geoscience technology development.

Throughout the next few days, we will have the chance to interact, share and explore ideas and not least build the networks we will need to meet the challenges ahead. I personally look forward to many engaging discussions on the dilemmas and opportunities impacting the geosciences in a rapidly changing world. I would therefore like to finish by encouraging you all to make the most of the fantastic programmes available to you at this year's EAGE, and by welcoming you to Oslo!

Erling Vågnes

EAGE LAC 2024 Chair

SVP Subsurface Exploration Production International, Equinor



MONDAY 10 JUNE | 16:00 – 18:00

Opening Session

NCS Leadership Interview



Monday 10 June | 16:00 - 18:00 | Opening Session - Fireside Chat

Room 1

NCS Leadership Interview

The Norwegian Continental Shelf (NCS) has emerged as one of the world's leading energy hubs with significant importance for European energy security and the pioneering of new technologies in renewables and decarbonisation solutions. Philippe Mathieu, EVP Exploration and

Production International from Equinor will discuss the ways in which the company is shaping the future of energy and how it is leveraging a long history of talent and technology development to solve the challenges of energy transition.

Moderator



Andrew McBarnet
Editor Emeritus
EAGE

Speaker



Philippe Mathieu
EVP Exploration and
Production International
Equinor

MONDAY 10 JUNE | 16:00 - 18:00

Opening Session

Next In Energy: Perspectives From The Future Of Geoscience



Monday 10 June | 16:00 - 18:00 | Opening Session - Youth Debate

Room 1

Next in Energy: Perspectives from the Future of Geoscience

The energy resources industries are in the midst of an extraordinary turning point as the world faces the challenge of climate change and reducing dependence on oil and gas. A key component in this energy transition era will be the part played by new generations of geoscientists and engineers. Our

panel provides an opportunity for young professionals from across the globe to provide their perspective. They will discuss this evolving environment, how it affects their future careers and their commitment to the key energy industries, which are already concerned about recruiting talent.

Moderator



Alun Williams
Climate Advisor E&P
International
Equinor

Speakers



**Madhurima
Bhattacharya**
Viridien (India)



**Julia Jennifer
Bonkat**
Equinor (Nigeria)



**Mahad Nadeem
Janjua**
Wintershall Dea
(Pakistan)



Sathes Kumar
PETRONAS (Malaysia)

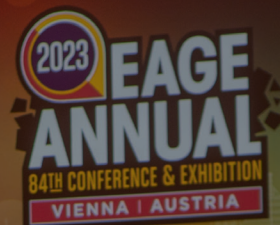


Flavia Lima
Wintershall Dea (Brazil)

TUESDAY 11 JUNE | 10:00 - 11:00

Panel Discussion

Exploration strategies in the energy transition



Tuesday 11 June 2024 | 10:00 - 11:00

Room 1

Exploration strategies in the energy transition

Future energy systems will increasingly rely on the scaling and integration of renewables and low carbon solutions. But for the foreseeable future, oil and gas is set to remain a part of the energy mix. Energy companies are therefore adopting a wide range of exploration strategies to secure future energy supply while remaining competitive in the face of pressures

from governments, stakeholders and society. We will review with key exploration leaders the main considerations shaping their exploration strategies. We will also seek to highlight the contrasting role of exploration in the future of these companies as their business models evolve to support the energy transition.

Moderator



Andrew Latham
SVP Energy Research
Wood Mackenzie

Speakers



Camilla Aamodt
Manager Strategy
Equinor



Jonilton Pessoa
Exploration Executive
Manager
Petrobras



Aldo Napolitano
Exploration Director
ENI



John Ardill
VP Global Exploration
ExxonMobil



Kevin McLachlan
SVP Exploration
TotalEnergies

TUESDAY 11 JUNE | 11:45 – 12:45

Panel Discussion

Transformation from O&G province to broader Energy Super Basin



Tuesday 11 June | 11:45 - 12:45

Room 1

Transformation from O&G province to broader Energy Super Basin

The North Sea is rapidly transforming from a mature oil and gas basin to a broader energy province. This evolution is characterised by a focus on short-term security and affordability of energy supply while simultaneously trying to solve the longer-term sustainability challenge. This panel will highlight some of the world-leading projects ranging from wind farms, CO2 storage

and hydrogen production which are shaping the region as an international pioneer in renewables and low-carbon solutions. We will also explore the complex challenges and opportunities arising from the collocation of various offshore energy activities and the ways in which companies and regulators are collaborating to find solutions.

Moderator



Andrew McBarnet
Editor Emeritus
EAGE

Speakers



Jez Averty
SVP EPN Subsurface
Equinor



Torgeir Stordal
Director General
Norwegian Offshore
Directorate



Torger Rød
COO
Vår Energi



Ariel Flores
SVP Subsurface
BP



Luca Corradi
CTO
Net Zero Technology
Centre

TUESDAY 11 JUNE | 12:50 – 14:30

Panel Discussion

Senior Executive Manager's Lunch

Invitation only



Tuesday 11 June | 12:50 – 14:30

Mezzanine Room

Senior Executive Manager's Lunch - Invitation only

Welcome by



Erling Vågnes
SVP Subsurface EPI
Equinor

TUESDAY 11 JUNE | 14:30 - 15:30

Panel Discussion

Digitalization for the next generation of energy hubs



Tuesday 11 June | 14:30 - 15:30

Room 1

Digitalization for the next generation of energy hubs

In the future, energy systems will increasingly rely on the diverse mix of various energy sources including hydrocarbons, renewables and CCS hubs. This presents new challenges in integrating big data volumes across subsurface, onshore and business domains to make more effective use of resources

while reducing time to market and lowering carbon intensity. The discussion will explore how advanced digital technologies are enabling data-driven decision making and automation for a more interconnected and integrated energy system.

Moderator



Mike Wynne
Vice President
International Upstream
S&P Global
Commodities Insight

Speakers



Åshild Hanne Larsen
VP Subsurface
Excellence & Digital
Equinor



Trygve Randen
SVP Digital Products
& Solutions
SLB



Jan Schoolmeesters
EVP Digital Energy
Solutions
TGS



James Brady
Chief Digital Officer
for Oil Field Services
and Equipment
BakerHughes

WEDNESDAY 12 JUNE | 9:00 - 11:00

Panel Discussion

Role of geoscience in reshaping the global energy system (SEM Breakfast)



Wednesday 12 June | 9:00 - 11:00

Mezzanine Room

Role of geoscience in reshaping the global energy system (Senior Executive Managers' Breakfast) - Invitation Only

Facilitator



Tanya Herwanger
SVP Strategy & New Markets
Shearwater

WEDNESDAY 12 JUNE | 11:45 – 12:45

Panel Discussion

The Future of Geoscience Technology Development



Wednesday 12 June | 11:45 – 12:45

Room 1

Future of geoscience technology development

The future of energy requires significant urgent progress in research and technology development to support the challenges of lowering energy costs while supporting new sustainable energy solutions. The panel will seek to identify technology trends and innovations that are reshaping the

landscape of geoscience research and exploration ranging from emerging sensor technologies, digitalization and sustainability. We will also discuss the growing importance of collaboration across disciplines and industries in fostering holistic solutions to complex geoscience issues.

Moderator



Leanne Todd
Head of Upstream
Solutions
S&P Global

Speakers



Massimo Virgilio
CTO
Shearwater



Erik Ewig
SVP Technology &
Digitalization
PGS



Sophie Zurquiyah
CEO
Viridien



Nicholas Ashton
VP TDI Oil and Gas SUB
Equinor



Junchao Luo
Vice President
BGP, CNPC

WEDNESDAY 12 JUNE | 14:30 - 15:30

Panel Discussion

What next for international exploration?



Wednesday 12 June | 14:30 - 15:30

Room 1

What next for international exploration?

The exploration sector stands at the forefront of the energy transition challenge as we seek to address urgent climate concerns against immediate needs for growing energy supplies and secure energy systems. During this panel we will discuss the outlook for the global exploration sector. What are the

remaining opportunities for hydrocarbon plays? What are the emerging factors in the regulatory and business environment which will dominate future considerations? And what role will transitional fuels and carbon capture technologies play in achieving net zero goals?

Moderator



Graeme Bagley
Head of Global
Exploration and Appraisal
Westwood Global Energy



Emmanuelle Garinet
VP Exploration Africa
TotalEnergies



Hans Kuehner
International Exploration
Director
Chevron



Georg Bresser
SVP Exploration
Wintershall Dea



Andrea Lovatini
Director Exploration Data
and Geosolutions
SLB

THURSDAY 13 JUNE | 10:00 - 11:30

Panel Discussion

Future-Proofing energy: Empowering diverse talent in a tech-driven world

Session led by the EAGE Women in Geoscience and Engineering Community



Thursday 13 June | 10:00 - 11:00

Room 1

Future-Proofing energy: Empowering diverse talent in a tech-driven world

As technology continues to transform the energy sector, the importance of a diverse workforce equipped to innovate and adapt is paramount. This session focuses on the critical role of diversity in the evolving fields of geosciences and engineering. This discussion will explore how a variety of perspectives and experiences not only drives innovation

but also enhances the sustainability and resilience of the energy sector. The session will feature a moderated panel discussion augmented by live polling, designed to encourage interactive dialogue and deeper understanding among participants.

Moderator



Anna Lim
Deep-Sea Exploration
Manager and
Discipline Leader
Argeo

Speakers



Catherine Javaux
VP R&D Upstream
TotalEnergies



Catherine Truffert
CEO
IRIS instruments



Ute Mann
Geoscience and
Petroleum department
head
NTNU



Jaswinder Mann
Director of Scandinavia
Earth Data
Viridien



Susanne Rentsch-Smith
Head of Geoscience
Shearwater

THURSDAY 13 JUNE | 11:45 - 13:15

Panel Discussion

Attracting and retaining talent



Thursday 13 June | 11:45 - 12:45

Room 1

Attracting and retaining talent

The geoscience world is changing at the same fast pace as society, towards a more conscious and low carbon future. New technologies and different areas of applications are triggering the interest of the young professionals for the energy industry. This session will focus on the careers of

professionals who are today working in new energy domains to inspire younger professionals & students to join the industry. The session falls under EAGE's Annual 2024 core theme of 'Attracting and retaining talent'.

Moderator



Yuriy Ivanov
Senior Geophysicist
Aker BP

Speakers



Peter Ablard
Subsurface Low carbon
solutions (CCS)
Equinor



Wiebke Worthington
Project Leader Subsurface
Offshore Wind
Equinor



Hege Blåsternes
SVP subsurface
Vår Energi



Gautier Baudot
VP Exploration Excellence
& Transformation
TotalEnergies



Michelle Hjelleset
HR Manager Scandinavia
SLB

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EUROPE OFFICE

+31 88 995 5055
EAGE@EAGE.ORG

MIDDLE EAST/AFRICA OFFICE

+971 4 369 3897
MIDDLE_EAST@EAGE.ORG

ASIA PACIFIC OFFICE

+60 3 272 201 40
ASIAPACIFIC@EAGE.ORG

AMERICAS OFFICE

+57 310 8610709
AMERICAS@EAGE.ORG

HEAD OFFICE | KOSTERIJLAND 48 | 3981 AJ BUNNIK | THE NETHERLANDS | +31 88 995 5055 | EAGE@EAGE.ORG



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