It is a pleasure to welcome EAGE members and all those with an interest in the future of geoscience and engineering to participate in this year’s EAGE Annual event in Vienna.

The theme of this Annual is ‘Securing a Sustainable Future Together’. It recognizes the challenges and turmoil we face in the world today. That’s why our focus is on the key issues of energy security and independence, a sustainable energy transition and how we all need to adapt our traditional ways of working and cooperation to address this uncertain future.
With these topics heading our new Strategic Programme, the conference as usual showcases how the latest geophysical, geological, and engineering research, ideas and case studies have a vital contribution to make in the quest for solutions. We build on the high-quality Technical Programme delivered in Madrid and continue the discussion on increasingly relevant issues going forward such as decision quality and analysis, digitalization, partnerships and stakeholder engagement. Many of the best-attended technical sessions in Madrid covered the low carbon business areas e.g., CCS, CCUS, H2 storage, geothermal. We explore further these themes to include discussion on transferable skills and re-training/educating.

As chairman of the local advisory committee, I am really pleased with the team we have put together to help organize this event with strong representation from industry, academia, IOCs (big and small) and NOCs.

Many of you are already familiar with our host city of Vienna as a popular venue for a number of past EAGE Annual Meetings. It offers a major cultural experience for visitors based on the many majestic buildings of its imperial past, idyllic landscapes, and its association with the great classical composers of the eighteenth and nineteenth century. All this combined with all the amenities of a modern international city.

The Local Advisory Committee looks forward to welcoming you to Vienna to continue the crucial conversation on how we can work together to ensure an equitable and sustainable future.

**Greg Rock**  
VP Exploration, OMV E&P  
Chair, Local Advisory Committee
Opening Session

Leadership Interview

Opening Debate

EAGE Awards
Leadership Interview

OMV’s Energy segment plays a crucial role in its transformation strategy for 2030. Berislav Gašo, the EVP Energy at OMV, will delve into the significance of hydrocarbons and how carbon businesses are securing a sustainable future.

Securing a sustainable future together

We have been witnessing a dramatic shift in the energy priorities of countries around the world with energy security and affordability rising to the top of the agenda over environmental sustainability concerns.

Our expert panel will outline the major factors influencing energy policies around the world and where this may lead; how we can progress urgent climate action while ensuring energy remains affordable and accessible for all; and how today’s energy crisis will affect the pace of energy transition.

Panellists

Christina Verchere  
CEO  
OMV Petrom

Hugo Dijkgraaf  
CTO  
Wintershall Dea

Sophie Zurquiyah  
CEO  
CGG

Ayed Al-Qahtani  
Director of the Research Division  
OPEC

Moderator

Andrew McBarnet  
Editor Emeritus  
EAGE
Panel Discussion

Bringing frontier exploration back into the spotlight
Bringing frontier exploration back into the spotlight

While capital discipline remains strong, frontier exploration is once again attracting interest with potentially giant developments in prospect, notably offshore Brazil, Guyana, Suriname, Namibia and South Africa.

Our panel will discuss the background to this shift in oil industry exploration strategy and its implications. These regions are said to promise ‘advantaged oil’, i.e., large discoveries characterised by lower production costs, quality reservoirs and lower carbon intensity per barrel.

The panel will consider how these emerging opportunities can fit into national development and energy transition ambitions with the focus on the likely role to be played by NOCs and governments in developing these resources?

Panellists

- **Emmanuelle Garinet**
  VP Exploration Africa
  TotalEnergies

- **Neil Hodgson**
  VP Geoscience
  Searcher

- **Hans Kuehner**
  Director International Exploration
  Chevron

- **Andrea Lovatini**
  Director for Exploration Data & Geosolutions
  SLB

- **Graeme Bagley**
  Head of Global Exploration and Appraisal
  Westwood Global Energy

- **Andrew Latham**
  VP Energy Research
  Wood Mackenzie
Panel Discussion

Redefining exploration success in the energy transition era
Redefining exploration success in the energy transition era

The path ahead for exploration remains difficult as the drive towards net zero accelerates. However, exploration still has a key role to play in meeting future demands for lower cost and lower carbon intensive hydrocarbon resources.

During this panel we will look at the factors which will define success for future resources including lead time, proximity to market and emissions intensity. In addition, the increasing scrutiny from stakeholders in shaping exploration strategies will be discussed, along with the increasing emphasis on long term planning for the use of offshore fields in the context of CCS, hydrogen storage and offshore wind.

Panellists

Carel Hooijkaas
EVP Acquisition
TGS

Erling Vågnes
SVP Subsurface Exploration Production
International
Equinor

Elizabeth Schwarze
VP Global Exploration
Chevron

John Ardill
VP-Head of Global Exploration
ExxonMobil Upstream

Greg Rock
VP Exploration
OMV E&P

Andrew McBarnet
Editor Emeritus
EAGE

Moderator
Panel Discussion

Near-field exploration strategies and successes
Near-field exploration strategies and successes

Infrastructure-led exploration (ILX) will continue to dominate the near future of exploration as companies seek to offset declines while managing risk and capital. This session will feature success stories of selected ILX campaigns followed by a panel discussion on ILX strategies, opportunities and limitations.

Panellists

Nathan Oliver
EVP Sales & Services
PGS

Mohd Redhani bin Abdul Rahman
VP Exploration
PETRONAS

Herwig Peresson
Head of Exploration
OMV Petrom

Jean-Christophe Navarre
VP Exploration and EMNA TotalEnergies

Mohammad Dawas Manea Al-Ajmi
Exploration Group Manager
Kuwait Oil Company

Moderator

Andrew Latham
VP Energy Research
Wood Mackenzie
Panel Discussion

Innovating to a net zero future: A technological perspective
Innovating to a net zero future: A technological perspective

The oil and gas industry is facing increasing stakeholder scrutiny over greenhouse gas (GHG) emissions associated with core oil and gas operations. If the E&P sector is to maintain its prominent role in the global energy mix and protect its licence to operate, the pressure is on to substantially lower its carbon profile.

Digitalization and broader forms of technical innovation are very much at the heart of these efforts. This panel will take a deep dive into the energy system of the future and the potential technological and innovation pathways that must be realised to meet the urgent challenges ahead.

Panellists

Kathrin Dufour  
SVP Digitalization & Technology  
Wintershall Dea

Markus Berghofer  
SVP Technology & Innovation  
OMV E&P

Chris Page  
VP Geoscience InCube  
CGG

Steeve Freeman  
Head of Energy Transition Strategy & Innovation, D&I  
SLB

Moderator

Michael Wynne  
VP Upstream Solutions  
S&P Global Commodity Insights
Panel Discussion

Filling in the blanks - Conditions for sustainable net zero business models
The oil and gas industry has benefited from decades of highly profitable operations with enviable rates of return that investment in alternative energy has yet to match.

The panel will address the urgent issue of how companies and regulators can work together to create the conditions for a profitable economic environment to accelerate development of non-fossil fuel and climate change mitigation technologies. What are the legislative, regulatory and financial conditions necessary for success are questions to be answered and, more fundamentally, should oil companies in particular see investment in low carbon businesses as their obligation to operate in society?
Panel Discussion

Integration: People, data, and technology

WEDNESDAY 7 JUNE | 13:45 – 14:45
Integration: People, data, and technology

In an industry with sophisticated and robust technology with almost a century of innovation and development, specialization has been an advantage and a hindrance. Silos have allowed the energy industry to reach its current maturity and technology offering. They have been useful while having recognized downsides, such as barriers (sometimes intangible), repetition of work, loss of information, and often a limitation to our ability to properly utilize joint knowledge and passion to build geological understanding and take the best business decisions. Integration and joint multidisciplinary effort may be enabling in a time when the industry is shrinking, big data and historic data is available with specialized analysis, and digitalization is revolutionizing workflows. This panel will start by assessing the status on integration, with perspectives from both service providers and operators. The conversation aims at challenging that status quo and guide the future.

Panellists

Helene Hafslund Veire
Subsurface Manager, Seismic Reservoir Characterization
Aker BP

Kristopher Innanen
Director CREWES
University of Calgary

Karim Ouragh
Head of Geophysics
Department TotalEnergies

Grant Byerley
Global Chief Geophysicist
Neptune Energy

Bertrand Theuveny
Technical Director – Production Reservoir Performance Intervention
SLB

Adriana Citlali Ramirez
Chief Geophysicist and Technology Advisor
TGS

Moderator

Kristopher Innanen
Director CREWES
University of Calgary

Karim Ouragh
Head of Geophysics
Department TotalEnergies

Grant Byerley
Global Chief Geophysicist
Neptune Energy

Bertrand Theuveny
Technical Director – Production Reservoir Performance Intervention
SLB

Adriana Citlali Ramirez
Chief Geophysicist and Technology Advisor
TGS
Director’s Dialogue (by invitation only)

Stronger together - Partnering towards a sustainable future
Stronger together - Partnering towards a sustainable future

The Director’s Dialogue features a Chatham House rules discussion bringing together key stakeholders to discuss one of the crucial issues of our times, namely defining the role of the oil and gas industry in the era of ongoing energy transition. Most energy supply scenarios already acknowledge the value of natural gas production as a bridge to a fossil-fuel free world, and CCS, geothermal and hydrogen are obvious sectors where the skills, concepts and experience of the oil and gas industry should be invaluable. However, governments, regulators, and public opinion worldwide still have to be persuaded that the industry can be a vital part of the solution to achieving a sustainable energy transition and not the basic problem. We will focus on how the industry can best reshape its image and develop more constructive engagements with society.

‘It was a great opportunity for geoscientists and engineers to interact and exchange opinions about the impact of the energy transition. The new era we are heading to, there will inevitably be challenges ahead, but we came out of this conference with the idea that there will also be opportunity associated with all these new energies and these new trends.’

Joseba Murillas
Executive Director Exploration & BD, Repsol

Oscar Abbink
Director Energy Technology & Innovation
S&P Global Commodity Insights
Panel Discussion

Geoscience at a crossroads: Preparing the workforce and skills for the future
The session will investigate one of the key questions facing the geoscience and engineering community, namely how to provide a new generation with the skills to meet the needs of a world in rapid energy transition and where necessary retool the existing professional workforce.

Our panellists will approach this major topic through the lens of three interrelated perspectives – industry, academia and government – to provide a holistic view of the issues and challenges offering their conclusions with a focus on attracting young talent and adapting the capabilities of senior professionals.

Panellists

Bruno Michel  
VP Geoscience & Reservoir  
TotalEnergies

Moath Al Rawi  
CEO  
ARGAS

Nick Ashton  
VP Technology  
Equinor

Maren Kleemeyer  
Learning Advisor  
Geoscience  
Shell

Reinhard Sachsenhafer  
Chair in Petroleum Geology  
Montanuniversität Leoben

Moderator

Andrew McBarnet  
Editor Emeritus  
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