

DEVEX 2024

28-29 MAY, P&J LIVE, ABERDEEN
STEERING THE NET ZERO RACE

Platinum Sponsors



TECHNICAL PROGRAMME

For over 20 years, DEVEX has been the only technical conference of its kind to focus on the full E&P project cycle; from exploration, appraisal, development and production, through to CCUS and decommissioning.

Our mission is to secure a reliable future for our next generation by nurturing talent, championing innovation and balancing sustainability to optimize performance.

DEVEX will provide a platform to share innovative ideas, lessons learned and inspire new ways of working to drive increased energy security and sustainability for our industry.

We look forward to welcoming geoscientists, geophysicists, geologists, reservoir engineers, petroleum engineers, all Young Professionals and students to the 21st DEVEX Conference on 28-29 May in Aberdeen!

CONTACT DETAILS

For more information:

devex@mearns-gill.com

(+44) 1224 646311

[DEVEX 2024 - SPE Aberdeen \(spe-aberdeen.org\)](https://spe-aberdeen.org)

Two days of Technical Presentations, Masterclasses, Networking

600-800 attendees across 2 days

60/40 Operator attendance split

Cost effective Training

Young Professionals Event

Field Trip

Core



Event Sponsors



PIVOTREE



Lanyard Sponsor & Networking Reception Sponsor



Field Trip Sponsor



Registration Sponsor



08:00	09:00	Registration	
09:00	09:10	Opening Remarks	2024 DEVEX Chair, Brenda Wyllie
09:10	10:10	Keynote Session and Panel Discussion	
10:15	10:45	Coffee Break + Core Display & Exhibition	
10:45	11:10	Panel Session: The power you're supplying It's electrifying!	4D Seismic Spectral Decomposition Analysis of the Sleipner Field, through an innovative lightweight application architecture - Cegal Ltd
11:10	11:35		Observations from two Seismic Monitor Surveys, Mariner UK - Equinor
11:35	12:00		Culzean First Infill Well – Driven by 2G&R Synthesis – Maximize field potential - TotalEnergies
		Techbytes	
12:00	12:05	De-risking Formation Evaluation and Minimising Emissions Using Cable Protection – A Case Study - Gaia Earth/TotalEnergies	Unique Laterals Stimulation Technology for Increased Well's Productivity: Case Histories - Fishbones
12:05	12:10	Cleantech's Paradox: The Need For Oil and Gas in a Sustainable Energy Future - AEON Energy	Next Generation Well Integrity Diagnostics: High Resolution Acoustic Imaging for Downhole Diagnostics - Dark Vision Technologies
12:10	13:10	Lunch + Core Display & Exhibition	
13:10	14:10	Masterclass: Workflow involved in an abandonment SSBOD	Masterclass: Are we fully utilising an easily accessible World Class Geoscience Resource in the Energy Transition? Balgownie Geoscience
14:10	14:35	Incorporating AI Seismic Interpretation into Injectite analysis; Case Studies from the UKCS - Geoteric	Strategic evaluation and ranking of depleted gas fields in the Southern North Sea for conversion into large-scale underground hydrogen storage - Teeside University
14:35	15:00	Fractured Reservoir Rock Modelling: AI-driven Segmentation, Multiscale Pore Network Modelling and Experimental Investigation - University of Aberdeen	Natural hydrogen exploration - leveraging existing skillsets and technologies - RISC Advisory
15:00	15:25	Innovative Technology Integration and Multidisciplinary Collaboration: Advancing Waterflood Field History Matching in the North Sea - CNOOC International	Viking CCS: Transportation and Storage of CO2 into depleted gas reservoirs in the Southern North Sea - Harbour Energy
15:25	16:05	Coffee Break + Core Display & Exhibition	
16:05	16:30	Panel Session: Skills - World Class Opportunities	Implementation of Autonomous Inflow Control (AICD) at the Troll Field on the Norwegian Continental Shelf - Equinor
16:30	16:55		Using Geoseal, a Collapsed Claystone, as part of a Permanent Abandonment Barrier - TAQA UK
16:55	17:20		Successful Application of a New Sand Screen Technology to mitigate injection challenges. A case study from field X - Shell Nigeria
17:20	17:45		A Digital Emissions Management Solution for the Energy Sector - Halliburton
17:45	19:00	Networking Reception + Core Display & Exhibition	

Key

- Technical Talks
- Panel Sessions
- Techbytes
- Masterclass
- Young Professionals Event

The organisers reserve the right to amend the programme as necessary. Please visit spe-aberdeen.org for updates on the programme timings or further details.

Young Professionals Event

08:00	09:00	Registration	
09:00	09:25	Panel Session Embracing offshore wind alongside continued hydrocarbon production	The Greater Triton Area, UKCS. Breathing life into a mature asset - Serica Energy
09:25	09:50		N05: Autonomous Production Location; Decision making and optimization in Real Time - ONE-Dyas
09:50	10:15		Pivotree's Innovation in Offshore Oilfield Development: A New Era for Agile Operators in the UK Market Extracting Stranded Reserves - Pivotree Pty Ltd
10:15	10:45	Coffee Break + Core Display & Exhibition	
10:45	11:10	From Exploration to fast-track development: the use of new technology to unlock the Fotla Field Development - Ithaca Energy	Reducing CO2 Emissions and Increasing Recovery at the Captain Field - Energy Research Norway
11:10	11:35	Late life OBN seismic for infill well target screening over the Scott and Telford Fields - CNOOC International	Tolmount Gas Field: Field Start-Up Planning for the Successful use of Multi-Well Deconvolution - Harbour Energy
11:35	12:00	Three's not a crowd - Finlaggan Infill Well - NEO Energy	Improving Water Cut Predictions when drilling and completing infill wells in mature oil fields - a new formation evaluation approach - CNOOC International
		Techbytes	
12:00	12:05	Simultaneous Production Maximization and GHG Emissions Minimization: A New MPFM Application - Expro	Cloud-based Geosteering Simulator to enhance the accuracy of well placement - ROGII
12:05	12:10	Applications of Computational Fluid Dynamics in Carbon Capture and Storage Well Design - Axis	To flow or not to flow, that is the question - Well-Safe Solutions
12:10	13:00	Lunch + Core Display & Exhibition	
13:00	13:25	Legal Masterclass: Understanding Your Role in Forming and Enforcing Contractual Rights and Obligations vis-à-vis Oilfield Services.	UKCS hubs: extend life, decommission or re-purpose? Westwood Global Energy
13:25	13:50		Lessons learned from undertaking a "Locate the Remaining Oil"(LtRO) workflow on the mature Dunbar field, UKNNS - TotalEnergies
13:50	14:15		Challenges and opportunities associated with step-out developments in the CNS Eocene injectite play – Examples from the Greater Catcher Area - Harbour Energy
14:25	14:50	Upstream E&P Trends in the North Sea and Beyond: Foundations for the Future? Enverus	Development of a Regional Bunter Model for Evaluating CCS - Neptune Energy
14:50	15:15	Coffee Break + Core Display & Exhibition	
15:15	15:40	The Rosebank Field – managing subsurface uncertainties in a complex intra-volcanic reservoir - Equinor	Integrated workflow for near field exploration and CCS site evaluation: a UK Southern North Sea study - PGS
15:40	16:05	Harnessing the Power of OBN Seismic for Field Development in Clair - bp	Shallow aquifer fluid sampling for carbon capture and storage (CCS) - Development of a novel fluid sampling tracer chemical - bp
16:05	16:30	Insights from ultra deep-reading, directional electromagnetic data on a mature waterflood; case studies from the Schiehallion Field, WoS - bp	Progressing Phase 1 at Endurance to support the decarbonization of the UK's East Coast - bp
16:30	16:55	Residual Gas Effects in a Tight HPHT Condensate Field – Friend or Foe? Equinor	Beryl Field Water Injection Strategy – an Integrated Approach to Optimization - Apache
17:00		CLOSING REMARKS	

Key

- Technical Talks
- Panel Sessions
- Techbytes
- Masterclass

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The Power You're Supplying, it's Electrifying! - Day 1, 1045

The North Sea Transition Deal is a sector deal between government and the offshore oil and gas industry, signed in March 2021. By creating the North Sea Transition Deal, the government and the UK's oil and gas sector are ambitiously seeking to tackle the challenges of reaching net zero, while repositioning the UK's capabilities to serve the global energy industry. A key element to deliver the 50% emission reduction target by 2030, it is estimated that between £2-3 billion of investment will be required to allow the completion of at least one or two of the currently identified electrification projects. Pace will be needed to deliver these projects by the required deadlines to meet the timetable of emissions reduction commitments. This will need an alignment of interests and incentives between industry and government and with other energy users of the North Sea. This session aims to have an open and exploratory discussion on the opportunities, pace and delivery of electrification.

Skills: World Class Opportunities - Day 1, 1605

Across the world, in every oil and gas province we hear Scottish accents. The opportunities that the energy sector has provided leads to a vast array of international opportunities. CCS, Hydrogen, Wind sectors all offer these opportunities for us to be the world leaders in these emerging sectors. The same skills that deliver a world class petroleum sector are needed to deliver these emerging sectors. This session looks at early education STEM project providers to through career journeys and the ability to move between technical and nontechnical roles, providing a wide and exciting career journey.

Embracing offshore wind alongside continued hydrocarbon production - Day 2, 0900

Emission reduction is required to meet the governments commitments to net zero. However, energy security encompasses the continued need for energy to ensure the lights stay on and transport keeps moving. In every independent forecast hydrocarbons remain a part of that energy mix beyond 2050. Offshore wind plays a huge role in decarbonising our electricity grid. It is clear the two sectors are required and need to work together to ensure energy demands are met, hydrocarbons are only used where there is no alternative and the spatial planning between both are carefully considered.



For more information and to book, visit [DEVEX 2024 - SPE Aberdeen \(spe-aberdeen.org\)](https://spe-aberdeen.org)

Masterclasses

We have some excellent training-based talks, known as 'Masterclasses' which will take place over the two days. Further information can be found on Pages 2 and 3 of this Technical Programme.

Core

As always, we will have Core on display which will be situated in the catering and exhibition area. Further details of the type of Core will be revealed soon!



Field Trip - Deformed & Undeformed Permian Hopeman Sandstone, Moray Firth

Further information and the date will be released soon.



Young Professionals Event - Day 1

Further details will be announced soon.

Networking Reception

Join us for drinks, reconnect with your peers and meet some new contacts! This will take place at the end of Day 1.

	Early Bird Until 31 March
Members Day 1	£200
Members Day 2	£200
Non Members Day 1	£250
Non Members Day 2	£250
Members 2 Days	£300
Non-Members 2 Days	£350
Field Trip	£50
Students & Unemployed 1 day*	£35
Students & Unemployed 2 days*	£60

All costs exclude VAT. Ticket prices include parking at the venue.

*Limited tickets available.

Special 'buy 4 get 1 free' rates available.

For more information visit:

Visit: [DEVEX 2024 - SPE Aberdeen](#)

Email: devex@mearns-gill.com

Call: 01224 646311

Buy 1 ticket, invite an Early Career Professional for FREE!

We are offering you the chance to invite an Early Career Professional (≤10 years in industry) to attend the conference for FREE!

For every full price ticket purchased, you may add an additional ticket of the same type for no additional cost. Select your ticket type and you will then be given the chance to add the free ticket option before checkout. This is your chance to support our future generation and inspire knowledge sharing

T's & C's

We define "Early Career Professionals" as those with 10 years' experience or less within the offshore energies industry.

For every full price ticket purchased, you may add an additional ticket of the same type to be used by an early career professional. Offer only valid on full price tickets – this excludes the Student & Unemployed ticket type.

