



Scottish
Energy
Futures
Conference



Solutions.
People.
Energy.™



TECHNICAL PROGRAMME

Together we can achieve net zero

4 & 5 March 2025 —
Technical Conference
P&J Live, Aberdeen

NEW TICKET PRICING ANNOUNCED!

SEE PAGE 7 FOR DETAILS

SPE Aberdeen and Aberdeen Renewable Energy Group (AREG) proudly bring you the first Scottish Energy Futures Conference — focused on deploying the technologies necessary to make the energy transition happen.

The aim of this two-day conference is to share knowledge and advance the industry as we work towards the Energy Transition. We recognise that energy transition is a journey over many years. Today we need to decarbonise oil and gas production as it still supplies over 80% of global energy needs — but the pace of development of a wide range of technologies means that tomorrow's energy systems will look very different. Recognising the urgency of the need to tackle climate change this conference will look at a range of decarbonisation projects that are happening now and will look to the future to see what technologies might finally deliver the goal of net zero.

Conference Highlights

- Keynote sessions featuring inspiring industry leaders
- High-quality technical content, case histories, innovative pitches and poster sessions
- Exhibition showcasing the latest technology
- Cost effective training opportunity counting towards CPD
- Numerous networking opportunities over the two days

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Technical Programme – 4th March

DAY 1 MORNING		
07:30	Registration	
08:30	Introductory Remarks: Ian Phillips, SPE Board Member and Jean Morrison, Chairperson, AREG	
Keynote Session		
08:40	Sarah Knight, Senior Development Manager, Crown Estate Scotland	
09:00	Lord Nicol Stephen, CEO Flotation Energy	
09:20	Offshore Wind Panel featuring a number of Developers, chaired by Allan MacAskill, CTO, Flotation Energy	Tony Stevens, Fugro Thibaut Cheret, OEUK Craig Duffy, Buchan Offshore Windfarm Mark Dixon, Cerulean Winds
10:30	Coffee Break	
Wind session		
11:00	Floating Offshore Wind: Value Comparison of Grounded & Tethered vs. Semi-Submersible Deepwater Wind Foundations	Andy Overton, ORE Catapult
11:20	Wind energy and nature-based solutions integrated at sea: A multi-use pilot study	Jamie Gathercole, Vattenfall
11:40	Lessons Learned: Leveraging Proven Oil and Gas Innovations to Enhance Safety in Offshore Wind	Nassima Brown, Fennex
12:10	Reducing cost and risk in floating offshore wind – considerations for asset integrity monitoring	Dr Suvabrata Das, BMT
12:30	Panel Q&A	
Techbytes		
12:40	Loggerhead: Step-change reduction in costs and emissions of subsea robotics operations, by replacing surface vessels with uncrewed submersible deployment platforms	Steve Williams, HonuWorx Ltd
12:45	Seawater Electrolysis Without Desalination: Supporting Resilient Large-Scale Hydrogen Production	Jani Shibuya, Hychor
12:50	Lean Modular Rig Mastery: Efficient Transitions through Customizable Circular Design, from Well Decommissioning to Geothermal	Dennis Vollmar, Voll Marintek
12:55	12 Energy Unchained: Achieving NetZero Through Long Range Wireless Power Transfer & Charging.	Dave Okere, Entergaia Technologies UK Limited
13:00	Lunch	



Technical Programme – 4th March

DAY 1 AFTERNOON		
Offshore Electrification		
14:00	Decarbonising offshore power delivery through rechargeable subsea battery packs	Graceann Robertson, Verlume
14:20	The PALM charger - lessons learned from an offshore vessel charging trial	Scott Rosie, Apollo
14:40	Port of Aberdeen: Powering a greener North Sea	Kieran Morton, Port of Aberdeen
15:00	Panel Q&A	
15:15	Coffee Break	
Grid		
15:45	How we can deliver the infrastructure to achieve net zero	Ricky Saez, SSEN Transmission
16:05	Maximising the efficiency of grid scale hydrogen production	Reshma Varghese, Crondall Energy
16:25	De Risking Power Grids and new Energies Projects	Angus Milne, DNV
16:45	Panel Q&A	
17:00	Close	





Technical Programme – 5th March

DAY 2 MORNING		
07:30	Registration	
08:30	Introductory Remarks	
Keynote		
08:40	Maggie McGinlay, Chief Executive, Energy Transition Zone	
09:00	The 'People' Panel – Careers / Returners / Reskilling	Laura Bosworth, AGR Paul de Leeuw, Robert Gordon University Ruby Roberts, Robert Gordon University Daniel Stephen, Opito John Underhill, University of Aberdeen
Future Technology		
10:00	The Geothermal Resource Beneath Our Feet	David Townsend, TownRock Energy
10:25	HydroGlen - Pioneering Green Hydrogen-Powered Farming in Rural Scotland	Niamh Carr, The James Hutton Institute
10:50	Coffee Break	
11:25	Mooring Design and Optimised Dynamic Cable Layout for Floating Tidal Energy Converters	Adrian Fernando, Tadek
11:50	CO2 Transportation Networks - System Operability Challenges	Gavin Meechan, Crondall Energy
Techbytes		
12:15	"Sentinel™: Revolutionising Offshore Wind Operations with AI-Driven Innovation	Aspen Kissinger, Fennex
12:20	Accelerating Innovation: Testing and De-risking at Scale with Representative Environments	Kara Hazelgrave, PNDC, University of Strathclyde
12:25	Lunch	



Technical Programme – 5th March

DAY 2 AFTERNOON		
13:30	The Future of Energy	Myrtle Dawes, NZTC
13:50	The Future of Energy Panel, chaired by Gordon McIntosh, Director, AREG	Neil Kermode, EMEC Paul O’Brien, Net Zero & Energy Transition David Linden, Westwood Elva Bannon, Wave Energy Scotland Don Harrold, Kintore Hydrogen Project Karen O’Hanlon, Opportunity North East
Hydrogen		
14:30	BP/Aberdeen Hydrogen Project	Oliver Taylor, bp
14:50	Repurposing Legacy Oil and Gas Assets for Green Hydrogen Production: A North Sea Case Study	Dr Lawrence Wilcox, National Decommissioning Centre
15:10	Coffee Break	
Hydrogen		
15:35	Real Life Application of Digital Twin Technology to Floating Hydrogen	Gregor Morrison & Sean Baker, ERM
15:55	Hydrogen safety: Solutions and challenges	Jamie Elliot, DNV
16:15	Hydrogen Energy Hubs - modeling Scotland’s hydrogen energy potential for 2045	Christopher Banks, SLB
16:35	Panel Q&A	
16:50	Summary of the two days	
17:00	Close	

Poster Sessions – 4th and 5th March in the Exhibition Hall

POSTER SESSIONS		
Onboard Tracker™ - shaping the future of crew management		Emily Reid, Onboard Tracker
Overview of Digital Security by Design (DSbD) Implementation for Enhancing Cyber Resilience of Interconnected Onshore/Offshore Power Grid Projects		Kara Hazelgrave, PNDC, University of Strathclyde
Green Hydrogen and Oxygen Supply from Tidal Energy (GHOST): Unlocking the Potential for Coastal Communities		Cephas Samende, PNDC, University of Strathclyde
Visualising low-enthalpy geothermal favourability in Scotland: A map-based screening tool for community scale ground source heat pumps in superficial aquifers		Tristan Roberts, University of Aberdeen
Green Hydrogen Production via Integrated Energy Systems: Unlocking Wind Farm Synergies and Assessing Economic Viability in the UK		Gigih Helma Wijaya, University of Aberdeen
Integration of Waste Heat with Geothermal from Abandoned Hydrocarbon Wells to Reduce CO2 Emissions from Oil and Gas Fields		Abdelazim Abbas Ahmed, University of Stavanger
Strathclyde Incubator for Green Hydrogen Technologies (SigH2t)		Stephen Lyth, University of Strathclyde
Hydrogen Embrittlement in Vintage Pipeline Steels: Addressing Challenges for a Net Zero Future		Anthony Reilly, University of Strathclyde
Porous Carbons for Hydrogen Storage and CO2 Separation		Stephen Lyth, University of Strathclyde



Sponsorship Packages

SPE Aberdeen and AREG are both not for profit associations. They reinvest surplus funds to help support not only today’s workforce but also our future generation.

Being involved in this Conference will ensure that you receive an unmatched level of brand recognition for your company in front of an audience of industry peers. It will also ensure that you are recognised as being a key supporter in the development of our younger generation.

All conference sponsors, depending on package, will receive:

- Free delegate pass(es) on both days
- A place on the technical committee
- Unrivalled branding opportunities, which will include, but will not be limited to - branding on all marketing materials, website, emailers, social media content, branding at the conference on screens and abstracts books.

Additional benefits are outlined in the table. All costs exclude VAT.

CONFERENCE			
Package	Cost	No. of Passes	Additional Branding
Platinum Partner	£5,600	5	Display stand in conference hall
Event Partner	£3,500	3	Display stand in conference hall
Lanyards SOLD	£3,500	3	Logo on lanyard. Can be provided in-kind by sponsor or sourced at cost.
Registration	£2,500	2	Logo displayed at registration area
Programme SOLD	£2,500	2	Sponsor status on all programmes
Lunch	£2,500	2	Logo displayed at catering stations
Coffee Breaks	£2,500	2	Logo displayed at catering stations
Networking Reception	£2,500	2	Logo displayed at catering stations

Exhibition Packages

The Conference will be accompanied by a major exhibition of all the latest technologies and services available to the market.

Exhibiting is a cost-effective promotional opportunity. There will be ample opportunities for maximum interaction between exhibitors and delegates during the registration period, coffee breaks, lunch and networking reception. Space is suitable for a pop-up portable display stand or table top display. A table and x2 chairs will be provided.

All exhibitors will receive one free conference pass for x2 days, logo and company description in the abstract books.

For more information on the Conference, Sponsorship, Exhibition or Dinner, contact the Event Organisers, Mearns & Gill on:

Email — aberdeen.events@spe-uk.org
Website — [Scottish Energy Futures Conference - SPE Aberdeen](#)
Call — +44 (0)1224 646311

3m x 2m (space only)
£1,500 +VAT



Booking Information

This is an excellent training opportunity not to be missed! All conference tickets include free parking, breakfast, coffees and lunch.

To book, visit the SPE Aberdeen Website - [Scottish Energy Futures Conference - SPE Aberdeen](#)

EXCLUSIVE OFFERS!

1. Early Bird Booking Offer is valid until 31 January
2. Special 'Buy 4 Get 1 Free' rate available.
3. 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. Offer only valid on full price tickets – this excludes the Student & Unemployed ticket type.

Updated Ticket Costs

	Delegate rate after 31 January
Members 1 day	£100
Members 2 day	£150
Non Members 1 day	£150
Non Members 2 days	£200
Students and unemployed 1 day	£25
Students and unemployed 2 days	£30

**all rates exclude VAT*

Contact Information

Visit - [SPE Aberdeen Website](#)

Email - aberdeen.events@spe-uk.org

Call - 01224 646311

