



## TECHNICAL PROGRAMME

**Carbon Capture, Utilisation and Storage (CCUS) is an essential component of delivering the UK Government's 2050 Net Zero promise. The full-chain process of capturing, treating, compressing, transporting and then injecting the CO<sub>2</sub> deep underground will require the full set of skills that are prevalent in the oil and gas industry. All of these skills can be re-purposed to plan and deliver successful CCUS projects.**

This inaugural online conference will be held over four days with each day containing 2.5 hours of high quality and insightful presentations, Techbytes and Q&A sessions. The conference is jointly organised by SPE Aberdeen and PESGB and aims to help clarify the key issues that need to be addressed for the UK to develop a successful CCUS business.

Join us and learn how to play an important part in decarbonising our energy industry of the future!

## /// KEYNOTE PRESENTER



We are delighted that Paul Wheelhouse, Minister for Energy, Connectivity and the Islands, will deliver the keynote address on day one.

## /// BOOKING INFORMATION

For more information on the virtual events and how to book, visit [www.spe-aberdeen.org/events](http://www.spe-aberdeen.org/events) or email [aberdeen.events@spe-uk.org](mailto:aberdeen.events@spe-uk.org)

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# CCUS Conference 2020 Programme

DAY 1 - MONDAY 26TH OCTOBER 2020		
10.00	Introduction / Welcome	Russ Gilbert, Conference Chair
10.02	<b>Keynote Presentation</b>	Paul Wheelhouse, Minister for Energy, Connectivity and the Islands
<b>FULL CHAIN</b>		
10.17	CO <sub>2</sub> PRIMER - Key Issues & UK Permit Application	Pale Blue Dot Energy
10.32	Full-chain Feasibility Study of the HyNet Industrial CCUS: Defining Development Schemes for CO <sub>2</sub> Transportation Network Growth	Pace Flow Assurance
10.47	Tomakomai CCS Demonstration Project – Results and Lessons Learned	Japan CCS Co., Ltd.
11.02	<b>Panel Session</b>	
11.17	<b>BREAK</b>	
<b>FULL CHAIN</b>		
11.30	CO <sub>2</sub> - Injection Operations: Insights from Sleipner and Snøhvit	Equinor ASA
11.45	North Sea Industrial cluster CCUS – Lessons Learnt over the last 10 years and what's to come	Xodus
12.00	Projects Overview – Acorn CCS and Acorn Hydrogen	Project Acorn
12.15	<b>Panel Session</b>	
12.30	<b>CLOSE</b>	

DAY 2 - TUESDAY 27TH OCTOBER 2020		
10.00	Introduction / Welcome	Session Chairs – Gavin Ward, RISC Advisory and Clara Altobelli, Serica Energy
<b>RESERVOIR</b>		
10.02	Subsurface Contribution to the Northern Lights CO <sub>2</sub> Storage Project Sanction: Planning for Success in an Unexplored License	Northern Lights Project
10.17	Evaluation of the CO <sub>2</sub> plume Migration Risk for the Northern Lights project	Northern Lights Project
<b>TECHBYTES</b>		
10.32	CO <sub>2</sub> storage monitoring using passive seismic – Full Wave Location (FWL) Technology	Tensor Geo Ltd
10.37	Gravimetric Monitoring of CO <sub>2</sub> Store	Silicon Microgravity
10.42	Geomechanical Simulations for Long Term Safe CO <sub>2</sub> Storage	Schlumberger
10.47	<b>Panel Session</b>	
11.05	<b>BREAK</b>	
<b>RESERVOIR</b>		
11.20	Resource Reporting in Offshore CCUS Projects	Soluzioni Idrocarburi s.r.l.
11.35	The Acorn CCS Project – Managing Uncertainty Using A Phased Development Approach	Project Acorn
11.50	CO <sub>2</sub> Movement Monitoring and Verification in a Fractured Mississippian Carbonate Reservoir during EOR at Wellington Field in South Kansas	Kansas Geological Survey
<b>TECHBYTES</b>		
12.05	Fibre Optic - DTS & DAS MMV Application	Silixa
12.10	4D Seismic Improvements Using Precision Impulse Technology	Precision Impulse
12.15	How Can We Make Store Integrity Monitoring Affordable?	Sonardyne
12.20	<b>Panel Session</b>	
12.35	<b>CLOSE</b>	

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# CCUS Conference 2020 Programme

DAY 3 - WEDNESDAY 28TH OCTOBER 2020		
10.00	Introduction / Welcome	Session Chairs – Arnaud Mille, Spirit Energy & Kenny McAllister, SPE Aberdeen
<b>WELLS</b>		
10.02	Well P&A for CO <sub>2</sub> Stores – Current Best Practice	Well Decom
10.17	RockSolid thermite-based barriers & bulk trial funding mechanisms	Interwell
<b>TECHBYTES</b>		
10.32	Pulsed Eddy Current-Casing Integrity Assessment	TGT Technologies
10.37	Well Material Selection For CO <sub>2</sub> Storage	IFE
10.42	Induced Formation Damage for Wellbore Isolation	Aubin
10.47	<b>Panel Session</b>	
11.05	<b>BREAK</b>	
<b>WELLS</b>		
11.20	Options To Repair Poorly Abandoned Subsea Wells To Help Realise CO <sub>2</sub> Storage Potential	Aquaterra
11.35	Evaluation of Existing Wells for CCS Projects	Advanced Resources International, Inc
11.50	Acorn CCS – Large Well Operating Envelope Challenges to Solutions for Today and Tomorrow	Project Acorn
<b>TECHBYTES</b>		
12.05	Downhole Choke	Halliburton
12.10	<b>Panel Session</b>	
12.25	<b>CLOSE</b>	

DAY 4 - THURSDAY 29TH OCTOBER 2020		
10.00	Introduction / Welcome	Session Chair - Ian Phillips, Pale Blue Dot
<b>FACILITIES &amp; COMMERCIAL</b>		
10.02	Addressing Challenging Issues of CO <sub>2</sub> Flow Assurance in Transport and Injection System	Equinor
10.17	Safe CO <sub>2</sub> Operations – Key Considerations	DNV GL
<b>TECHBYTES</b>		
10.32	Effect of Impurities on Thermophysical Properties of CCUS Fluids	Heriot Watt University
10.37	Addressing Flow Assurance Through Simulation	Schlumberger
10.42	<b>Panel Session</b>	
11.00	<b>BREAK</b>	
<b>FACILITIES &amp; COMMERCIAL</b>		
11.15	Re-use of Existing Gas Networks for CO <sub>2</sub> Transportation – A Risk Based Approach to Pipeline Integrity	DNV GL & NG Ventures
11.30	RHL's New Approach for Making CCUS Profitable, Without Subsidies	RHL
11.45	CCUS Business Models in the UK	Net Zero Teesside
<b>TECHBYTES</b>		
12.00	CO <sub>2</sub> Storage Opportunities in Matured UKCS Fields	Heriot Watt University
12.05	Screening CO <sub>2</sub> Storage Sites - N Sea+	Trove Renewables
12.10	Screening CO <sub>2</sub> Sites - Global CCS Institute	OGCI
12.15	<b>Panel Session</b>	
	<b>Conference Highlights Summary</b>	<b>Ian Phillips</b>
12.40	<b>Closing Remarks - Chair of Continuing Education</b>	<b>Steve Cromar, SPE Aberdeen</b>

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# Sponsorship & Showcase Opportunities

## SPONSORSHIP

**SPE Aberdeen and PESGB are not-for-profit organisations and organisers of this event. All surplus funds raised will be reinvested into various initiatives to help support our future generation of young engineers.**

All sponsorship opportunities will allow your logo to be positioned across all promotional materials, including SPE Aberdeen and PESGB websites, onscreen graphics and abstracts book. Your company will also be recognised by the Conference Chair. All costs exclude VAT and additional benefits are outlined in each package below.

## SHOWCASE OPPORTUNITIES

This will allow you to provide a short video/content for play during the conference break. In addition, we will reference your company on social media, your company will be mentioned by the Conference Session Chair and you will receive one free delegate pass - £500 + VAT

## ADVERTISING OPPORTUNITIES

If you would like to advertise in our Abstracts Programme, the costs are: Quarter page - £250 + VAT. Half page - £400 + VAT

### /// PLATINUM SPONSOR

**£4,000**

- Includes five free passes
- Prime sponsorship branding across all materials
- Opportunity to provide short video/content for play during the conference

### /// EVENT SPONSOR

**£3,000**

- Includes three free passes
- Opportunity to provide short video/content for play during the conference

### /// EVENT PROGRAMME DAY SPONSOR

**£1,200**

- Sponsor one of the event days and receive three free passes
- Opportunity to provide short video/content for play during the conference

### /// REGISTRATION SPONSOR

**£1,200**

- Includes two free passes
- Logo on joining instructions

**To discuss these opportunities in more detail, please contact the conference organisers at [aberdeen.events@spe-uk.org](mailto:aberdeen.events@spe-uk.org), or call 01224 646311.**

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