

TECHNICAL PROGRAMME

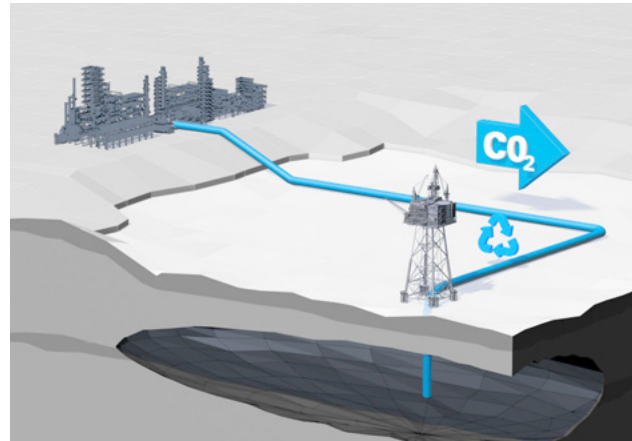
Carbon Capture Utilisation and Storage forms a vital part of the UK's commitment to the Paris goals and with a roadmap to capture 20-30 MtCO₂ pa, including 6 MtCO₂ from industrial CCS, by 2030, swift action is required.

This four-day, virtual conference, jointly organised by SPE Aberdeen and GESGB, aims to address the key technical issues and solutions required to deliver results on this defined and tight timeline. The programme will focus on key themes including operations and infrastructure, policy, wells, projects and storage.

Contact Information

Visit – [SPE Aberdeen Website](https://www.spe-uk.org)

Email – aberdeen.events@spe-uk.org



Contains information provided by the North Sea Transition Authority and/or other third parties

Booking

All ticket options include attendance at all four days of the conference. The virtual platform offers opportunities for networking, live viewing of the conference programme, and access to all content available to watch on-demand at the conclusion of the event.

Book your tickets on the [SPE Aberdeen Website](https://www.spe-uk.org)

	Early Bird (until 3 Sep)	Standard (from 4 Sep)
Member Rate	£95.00	£125.00
Non-Member Rate	£115.00	£145.00
Students & Unemployed	£25.00	£25.00

*Please note, all prices are subject to VAT at the current rate

*Full T's & C's can be found on the SPE Aberdeen Website.

Bonus Early Bird Offer

BUY 1 TICKET, INVITE AN EARLY CAREER PROFESSIONAL FOR FREE!

For the duration of the Early Bird booking period, 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 (excluding students/unemployed). This is your chance to support our future generation and inspire knowledge sharing.

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Day 1 - Tuesday 3rd October

Start	Title	Speaker	Company
10:00	Welcome and opening remarks		
10:10	Keynote - Making CCUS a reality: Unlocking the UK's potential to develop a world-leading CCUS industry	David Whitehouse	CEO, OEUK
10:30	CCS Licencing in the UK	Nick Richardson	NSTA
10:50	To be confirmed	Olivia Powis	UK Director, CCSA
11:10	PANEL Q&A		
11:25	BREAK		
11:45	An Overview of the UK's Early Risk Assessment Requirement for Carbon Storage Sites	Ellen Mitchell	ERC Evolution
12:05	SRMS in the UKCS - From a Licence application to a CCS Permit and beyond	Bruce Kennedy & Andy Moore	NSTA
12:25	PANEL Q&A		
12:40	TECHBYTE: Characterizing and modeling the risk of CCUS projects: Lessons from historical success and failures	Mohammad Evazi	ESGWAY Corporation
12:50	LUNCH BREAK		
13:50	Development of a Net Zero Roadmap for Scottish Industry	Iain Weir	SNZR
14:10	Update on Acorn CCUS project, North Sea	Elle Lashko	Storegga
14:30	Asia Pacific CCS Overview & Gorgon – 'Not a CCS problem'	Ian Gladman	RISC
14:50	Lessons Learned from Entropy Inc's operational Glacier CCS project, Canada	James Martin	Entropy Inc
15:10	PANEL Q&A		
15:25	Closing remarks		

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Day 2 - Wednesday 4th October

Start	Title	Speaker	Company
10:00	Welcome		
10:05	Keynote - CCS in Equinor - Status & Challenges	Jamie Andrews	Equinor
10:25	Establishing Best Practices for Well Abandonment in CCS	Hugh Costeno	SLB
10:45	Development of a Risk-based, Well Integrity Modelling Tool for CO2 Storage Applications	Morteza H. Sefat & Saeed Ghanbari	Heriot Watt University and project partners
11:05	PANEL Q&A		
11:20	BREAK		
11:40	Re-purposing oil and gas infrastructure and expertise for large-scale CCS projects offshore	Ben Cannell	Aquaterra Energy
12:00	Multidisciplinary Reservoir Study for CO2 Injection in Depleted Gas Reservoir	Caterina Topini	Eni
12:20	Tubular Material Selection	Ravi Krishnamurthy	Blade Energy
12:40	PANEL Q&A		
12:55	LUNCH BREAK		
13:55	TECHBYTE: Expandable Tubulars and their role as an enabling technology in Brownfield and Greenfield CCUS Applications	Sean Connell	Coretrax
14:05	TECHBYTE: Carbon Capture and Storage (CCS) Well Design Using Cloud Software	Mohamed Ali Hassan Peter Mwansa	Oliasoft ADNOC Onshore
14:15	TECHBYTE: Passive technology – Supporting remote subsea monitoring of CCUS fields	Jim Gordon	Sentinel Subsea
14:25	Hydraulic Fracturing using Supercritical CO2 and Water Injection – Application to Carbon Sequestration	Blessed Amoah	University of Oklahoma
14:45	Injectivity review	Irfan Sami	Gaffney Cline
15:05	PANEL Q&A		
15:20	Closing remarks		

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Day 3 - Thursday 5th October

Start	Title	Speaker	Company
10:00	Welcome		
10:05	Keynote	Stuart Payne, CEO	NSTA
10:25	Morcambe Net Zero Cluster, East Irish Sea	Tom Calder	Spirit Energy
10:45	Viking CCS Project: an overview	Andrew Hood	Harbour Energy
11:05	PANEL Q&A		
11:20	BREAK		
11:40	Future ship transport of CO2	Knut Maråk	Equinor
12:00	There and back again: CO2 Injection into Depleted Gas Reservoirs	Chris Thomson	Kent
12:20	PANEL Q&A		
12:35	TECHBYTE: Quantum Gas Imaging for CO2 Emissions Management	Gavin Lindsay	QLM
12:45	TECHBYTE: Reducing the Lifecycle Emissions of Carbon Capture, Usage, and Storage Projects by Using Advanced Resident Robotics	Kenneth Solbjør	Oceaneering
12:55	LUNCH BREAK		
13:55	Carbon Capture Transportation and Storage System - Technical challenges of the impact of impurities in gas fluid composition on steady state and transient operations of CO2 transportation networks	Bonetti Michele	Eni
14:15	How to Manage the Wet/Dry Interface in an Operational CCS Cluster	Jon Barnes	Pace CCS
14:35	Overcoming the Challenges of CCS: Insights from Case Studies on Materials and Corrosion	Mark McLeod	OGC Energy
14:55	Safe and Efficient Operation of Large Scale, Multi-Emitter CCUS Projects Using an Advanced Flow Management Tool	Craig McKay	Wood
15:15	PANEL Q&A		
15:30	Closing remarks		

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Day 4 - Friday 6th October

Start	Title	Speaker	Company
10:00	Welcome		
10:05	Keynote	Prof John Underhill	University of Aberdeen
10:25	Southern North Sea saline aquifers need more appraisal to be "Storage Ready"	Robert Harrison Gioia Falcone	Sustainable Ideas Ltd University of Glasgow
10:45	Strategy and Lessons Learned to Build a Measures, Monitoring and Verification Plan for an Offshore Depleted Field – Aramis CCS project	Alice Sorbier, Marcella Dean	Shell
11:05	PANEL Q&A		
11:20	BREAK		
11:40			
12:00	Transient Modelling of Reservoir-Wellbore Interaction in CO2 Storage in Depleted Reservoirs	Dr. Vijay Shrivastava	CMG
12:20	From Legacy to the future – How vintage seismic is being used to characterise CCS sites with Machine Learning	Mike Powney	Geoex MCG
12:40	PANEL Q&A		
12:55	LUNCH BREAK		
13:55	The Northern Endurance Partnership: progressing a multi-store development concept to support the decarbonization of the UK's East Coast	Nicolas Bouffin	bp
14:15	Geochemical Reactivity Modelling during CO2 Induced Convective Brine Mixing	Dr Saeed Ghanbari	Heriot-Watt University
14:35	Managing and Mitigating Hydrate Risks associated with Geological CO2 Storage	Hunter Thomson	Scaled Solutions
14:55	Geomechanical assessment of CO2 storage reservoirs using 4D seismic data	Samarth Bachkhети	Revive Geoscience Services
15:15	PANEL Q&A		
15:30	Closing remarks		

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Sponsorship Opportunities

SPE Aberdeen and the GESGB are not for profit organisations and are the organisers of this event. All surplus funds raised will get reinvested into various initiatives to help support our future generation of young engineers. All sponsorship opportunities will ensure your logo is prominently positioned across all promotional materials, including both the SPE and GESGB websites, and onscreen graphics. Your company will also be recognised by the Conference Chair. Additional benefits for each package are outlined in the table.

All costs outlined exclusive of VAT.

	Platinum	Event	Registration	Programme	Coffee Break	Virtual Exhibition
	£5,000	£3,000	SOLD	£1,500	£1,500	£950
Prime Branding on all materials inc web, abstracts flyer, programme	x					
Prominent branding on all materials inc web, abstracts flyer, programme		x				
Branding on materials inc web, abstracts flyer, programme			x	x	x	x
Corporate branding on conference slides	x	x	x	x	x	x
Branding on joining instructions			x			
Social media input	x	x	x	x	x	x
Recognition by chair	x	x	x	x	x	x
Video or presenting opportunity	x	x		x	x	x
Access to delegate list	x	x	x	x	x	x
No. of passes	5	3	2	2	2	2
Single day sponsorship				x		

To enquire about sponsorship or exhibition packages, please contact leanne.sinclair@mearns-gill.com. For queries on the call for abstracts or SPE Aberdeen in general, please visit www.spe-aberdeen.org or email aberdeen.events@spe-uk.org.