

CO₂ STORAGE CONFERENCE 2025

30 Sep – 1 Oct 2025
Chester Hotel, Aberdeen



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TECHNICAL PROGRAMME

Recent major announcements mark a pivotal moment for carbon capture and storage. The government's £22bn pledge over 25 years to support Track 1 projects, alongside the first storage permit awarded to Northern Endurance Partnership, demonstrates real commitment to delivering CCS at scale. The UK's strategic advantages - including 78Gt of potential CO₂ storage capacity, existing infrastructure ready for repurposing, and decades of operational expertise - position it perfectly to serve as a pan-European CO₂ storage hub.

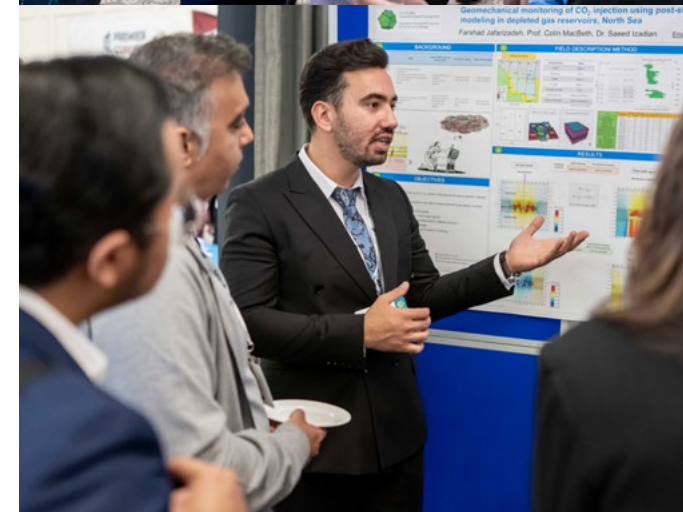
The UK has made significant progress through its Track process and first CCS licensing round, awarding 21 new appraisal and storage licenses that form a substantial project pipeline. To maintain this momentum and meet the UK's 2030 storage targets, the industry must now accelerate its development pace.

Join leading experts to:

- Share knowledge and demonstrate innovative solutions for safe, efficient CO₂ transport and storage
- Explore cutting-edge innovations and technologies that are paving the way for cost savings and expediting project timelines
- Network with industry peers and potential collaborators
- Gain insights into the latest developments in CO₂ storage technologies and best practices

Key Sessions:

- Operations & Project Development
- Well Control & Integrity
- Measurement, Monitoring & Verification (MMV)
- Policy & Regulation
- Subsurface Characterisation & Storage
- Wells & Infrastructure



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DAY 1 : MORNING

Start	Title	Company	Speaker
08:00	Registration, Breakfast and Networking		
08:55	Welcome from Conference Chair	NZTC	Iain Martin
09:00	Opening Keynote Session 09:00 - 10:30		
	NEP - Establishing an incorporated joint venture in the UK's newly regulated CCS industry,	NEP	Michael McGhie
	Good, green growth: how CCUS delivers Government's goals	Spirit Energy	Matt Browell-Hook
10:30	NETWORKING BREAK AND STUDENT POSTERS		
	Operations and Project Development		
11:00	Project Poseidon: Execution & Key Results of the CO ₂ Injection Test in the Leman Ultra-Depleted Gas Field, UK SNS	Perenco	Wei Cher Feng
11:25	Will two-phase CO ₂ tubing flow be stable – or should it be avoided?	Subsurface CO ₂ Dynamics Ltd.	David Hughes
11:50	CCS in depleted oil fields: Prinos Greece	EnEarth	Rowan Haddad
12:15	Techbyte Session		
	Material selection key challenges for CO ₂ transport and underground storage	Tubacex	Gary Thomson
	BRAG: Classification methodology for continuous CO ₂ stream impurities for full chain CCS systems	Pace CCS	Babajide Balogun
12:30	LUNCH, NETWORKING AND STUDENT POSTERS / YP SESSION		



DAY 1 : AFTERNOON

Start	Title	Company	Speaker
	Well Control and Integrity		
14:00	Restart of Injection in CCUS Wells: Models and Impact on Casing and Tubing Design	Altus Well Experts	Ruggero Trevisan
14:25	Preparing for Pressure: Well Control and Rig Readiness for Offshore CO2 Operations	Noble Corp.	Zachary Bruton
14:50	Well abandonment and integrity evaluation for CO2 storage	IOGP	Russell Hayley
15:15	Techbyte Session		
	CCS Wells Technology Roadmap	NZTC	Iain Martin
	Transferring Operational Experience from CO2-Based Hydraulic Fracturing to Geological CO2 Storage	OPECS Ltd	Bogdan Bocaneala
	Advancing Near-Wellbore CO2 Injection Modelling with OLGA: Integrated Simulation from Reservoir to Wellhead	SLB	Farshideh Shidfar
15:30	NETWORKING BREAK AND STUDENT POSTERS		
	MMV		
16:00	Downhole Discrete Fibre Optic Pressure and Temperature Monitoring in a Carbon Capture Injection Well	Weatherford	Ian Vaughan / Skandar Gandhi
16:25	Monitoring and Corrective Measure plan development for the Morecambe Storage sites, EIS	Spirit Energy	Helen Basford
16:50	Data-Driven Virtual Sensing for Real-Time Monitoring of well performance in Carbon Capture and Storage Operations	Eni	Emanuele Vignati
17:15	Day 1 closing remarks		
17:20	NETWORKING DRINKS RECEPTION		
19:20	END		



DAY 2 : MORNING

Start	Title	Company	Speaker
08:00	Registration, Breakfast and Networking		
	Policy and Regulation		
09:00	The CCS Sector in the UK in 2025: From ground-breaking clusters to a market-led future	Offshore Energies UK	Enrique Cornejo
09:25	Carbon Locked, Capital Unlocked: Financing the Future of CCS	Sproule ERCE	Ellen Mitchell
09:50	NSTA enhancements to guidance for Carbon Transportation and Storage	NSTA	Panteha Ghahri
10:15	Cross border CO2 transport – Enabling infrastructure study	NZTC	Iain Martin
10:40	Techbyte Session		
10:50	NETWORKING BREAK AND STUDENT POSTERS		
	Subsurface Characterisation & Storage		
11:20	A Holistic Approach to Addressing Halite Precipitation and Remediation Strategies in CO2 Injection Wells	Heriot-Watt University	Eric Mackay
11:45	Optimizing Regional Aquifer Models for NEP Expansion: Challenges and Insights	bp	Carwyn Adler
12:10	Streamlines as a visual tool to estimate effective aquifer size and potential store interference in Bunter saline aquifer projects	Eni	Helene Nicole
12:35	Morecambe Net Zero; The journey to achieving an effective storage site & complex definition.	Spirit Energy	Phil Ware
	Techbyte Session		
13:00	The effect of saturation functions, temperature and numerical parameters on CO2 storage	Rock Flow Dynamics	Mark Lakos
13:05	LUNCH, NETWORKING AND STUDENT POSTERS		



DAY 2 : AFTERNOON

Start	Title	Company	Speaker
	Wells and Infrastructure		
14:05	Developing cross industry guidance on subsea CCS Barrier and Isolation Philosophy design	IOGP	David Saul
14:30	Assessing Cement Integrity in CO2 Storage: A Performance Analysis of Conventional and CO2-Resistant Cement Blend	Eni	Federico Cracolici
14:55	Cement Self-Healing: Understanding and Enhancing Performance Under Reactive Conditions	Danish Offshore Technology Centre (DTU Offshore)	Hamed M. Kermani
15:20	NETWORKING BREAK AND STUDENT POSTERS		
	Operations & Project Development Session 2		
15:50	NEP - Developing a first of a kind onshore CCS transportation network	NEP (Northern Endurance Partnership)	Daniel Clews
16:15	Carbon Capture, Utilization, and Storage (CCUS) – Operational Challenges	Crondall Energy	Forbes Sinclair
16:40	Closing remarks		
16:50	END		



Booking

	Early Bird until 15 August	Standard
Member both days	£290	£340
Member 1 day	£195	£245
Non-members both days	£385	£440
Non-members 1 day	£245	£295
Students & Unemployed both days	£45	£45
Students & Unemployed 1 day	£25	£25

*All costs are subject to VAT at the current rate

*Member rates available to members of the following organisations: SPE; GESGB; The Energy Institute, Aberdeen Branch; Institute of Mechanical Engineers, Aberdeen Branch; EIC; Decom NS; Institute of Measurement and Control, Aberdeen Branch; ICoTA Europe

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Contact Details

Email: aberdeen.events@spe-uk.org

Call: 01224 646311



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Sponsorship Opportunities

SPE Aberdeen and GESGB are both not-for-profit organisations and are the organisers of this event. Raising sponsorship is vital not only for the successful delivery of the conference but to enable re-investment back into the industry. By supporting this event, not only are you providing an important knowledge sharing and training opportunity for the industry, but you are also supporting our future generation of young engineers through providing bursaries. Sponsorship also helps us deliver these events in a cost-effective way for all.

All costs outlined exclusive of VAT.

SOLD **£1,200**

Networking Reception Sponsor

- Two complimentary delegate passes
- Company branding across all event materials
- Logo to be displayed on screen graphics on announcement of networking reception and at bar during reception.
- Opportunity to display a pop-up banner at drinks table/bar (to be provided by sponsor)

Platinum Sponsor **£5,600**

- Five complimentary delegate passes
- Prime positioning of company branding across all event materials and opportunity to supply content for social media posts
- Opportunity to display pop-up stand or banners in the conference hall and exhibition (to be provided by sponsor)

Event Sponsor **£3,500**

- Three complimentary delegate passes
- Company branding across all event materials and opportunity to supply content for a social media post.
- Opportunity to display a pop-up stand or banner in the conference hall (to be provided by sponsor)

SOLD **£3,500** Lanyard Sponsor

- Three complimentary delegate passes
- Company branding across all event materials and opportunity to supply content for a social media post.
- Logo on lanyard (to be provided by sponsor or can be sourced at a cost)

Breakfast Sponsor **£2,500**

- Two complimentary delegate passes
- Company branding across all event materials
- Logo to be displayed at catering points during breakfast.
- Opportunity to display a pop-up banner at catering point (to be provided by sponsor)

Lunch Sponsor **£2,500**

- Two complimentary delegate passes
- Company branding across all event materials
- Logo to be displayed on screen graphics on announcement of lunch break and at catering points during lunch break.
- Opportunity to display a pop-up banner at catering point (to be provided by sponsor)

£1,500/£2,500 **1 DAY / BOTH DAYS**

Coffee Break Sponsor

- One complimentary delegate pass and 25% discount on an additional pass
- Company branding across all event materials and on delegate joining instructions
- Logo displayed at coffee stations

SOLD **£2,000** Registration Sponsor

- One complimentary delegate pass
- Company branding across all event materials and on delegate joining instructions
- Logo displayed at registration area

Programme Sponsor **£2,000**

- One complimentary delegate pass
- Company branding across all event materials



Exhibition Opportunities

Opportunities exist for companies to demonstrate data, technologies and services within the exhibition. We will have a limited number of table-top exhibition stand spaces available. There will be ample opportunity for maximum interaction between exhibitors and delegates during the registration period, coffee breaks, and during lunch.

Exhibition Stands **£1,200**

Exhibition packages include:

- A basic exhibition space (approx. 3m wide x 2m deep) suitable for a pop-up portable display stand or tabletop display. A 6ft table and two chairs will be provided.
- One free delegate pass for the conference
- Logo and company profile in abstracts e-book issued to all delegates.
- Guaranteed 5-minute Techbyte in the programme (optional)

To enquire about sponsorship or exhibition packages, please contact aberdeen.events@spe-uk.org



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