



Solutions.
People.
Energy.™

Gaining Momentum

26 - 27 February 2025, Hybrid Event – Net Zero Technology Centre, Aberdeen & Online

GEOTHERMAL 2025

Technical Programme

As the UK's geothermal sector gains momentum, with pioneering projects emerging across the country, SPE Aberdeen proudly announces its Geothermal Seminar programme for 2025.

This pivotal event comes at a time when the UK government has reinforced its commitment to low carbon and renewable energy, with recent funding initiatives aimed at accelerating development and the creation of UK Energy.

Now in its fourth year, the seminar serves as a platform to share knowledge and showcase groundbreaking research and real-world applications that are shaping the future of sustainable energy.

Join us in February 2025 to explore how geothermal energy is evolving from a promising concept to a key component of the UK's clean energy strategy.

NEW FOR 2025 – HYBRID EVENT!

As the Geothermal Seminar continues to grow, we are excited to announce that the 2025 event will move from fully virtual to a hybrid event. Choose your preferred option between in-person attendance at the Net Zero Technology Centre in Aberdeen, or online attendance via the virtual events platform. Both ticket options allow delegates to watch all the presentations live as they happen, as well as offering the opportunity to be involved in any interactive elements, such as Q&A sessions and polls.

In-person attendance includes additional networking opportunities, refreshments and lunch across the 2 days of the event.



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Event Supporters





DAY 1

OPENING SESSION - Session 1 - Markets and Data Analysis			
Start Time	Title	Company	Presenter
09:00	Opening remarks		Conference chair
09:10	Keynote - An Update on the United Downs Geothermal Project, Cornwall: Construction of the UK's first Geothermal Power Plant	Geothermal Engineering Ltd	Ryan Law
09:40	Supporting UK geothermal through new national data, maps and products	BGS	Alison Monaghan
10:10	Navigating the growing geothermal market: the European story	Rystad Energy	Shruti Raghuram
10:40	BREAK		
SESSION 2 - Case Studies & Synergies			
11:10	Session introduction		
11:15	Operational findings from the UK's first multi-megawatt mine water geothermal heating schemes at Lanchester Wines	TownRock Energy	Sally Jack
11:45	CO2-Plume Geothermal System: Opportunities and Challenges	Wood PLC Group	Abdelazim Abbas Ahmed Awadelseed
12:15	"Geothermal heat with every beat" - the BODYHEAT project two years into operation	TownRock Energy	Leah Swan
12:45	TECHBYTE: UK Geoenergy Observatories - the value of field laboratories for shallow geothermal and underground energy storage	BGS	Vanessa Starcher
12:50	TECHBYTE: Open Innovation Center RCSG: Accelerator for drilling technology developments to drive the energy transition	TNO	Andreas Reinicke
12:55	LUNCH BREAK		
SESSION 3 - Panel Session			
14:00	Session introduction		
14:05	Panel Session	Panelists: Dr Charlotte Adams, National Geothermal Centre; Sonia Lopez Kovacs, Repsol, plus more	
14:35	Sponsor Techbyte Session		
14:55	BREAK		
SESSION 4 - Geothermal Planning & Development			
15:25	Session introduction		
15:30	Harnessing geothermal synergies: A blueprint for sustainable industry in the Upper Rhine Valley	Vulcan Energy	Neil Davey
16:00	Enhanced Planning for Geothermal Development: Economic Assessment of Potential Projects Using Integrated Uncertainty Workflows	Rock Flow Dynamics	James Mullins
16:30	TECHBYTE: Utilising Abandoned Oil and Gas Wells for Sustainable Geothermal Energy Extraction	National Decommissioning Centre	Dr. Lawrence Wilcox
16:35	TECHBYTE: Legacy Wells Reimagined: Harnessing Geothermal Power from Repurposed Oil and Gas Infrastructure	TAQA Completion	Rita Greiss & Mojtaba Moradi
16:40	DAY 1 WRAP UP		



DAY 2

SESSION 1 - Technology			
Start Time	Title	Company	Presenter
09:00	Opening remarks		Conference co-chair
09:10	Overcoming the Challenges of Geothermal Engineering: Best Practices and Advanced Solutions	EthosEnergy	Donald Leger
09:40	Development and Qualification of an Elastomer Based Packer for Effective Annular Isolation in Enhanced Geothermal Systems	Swell X Limited	Neil J Glover
10:10	AiION: A Machine Learning Approach to Geothermal Exploration	Robert Gordon University	Mahmoud Magdy AlGaier
10:40	TECHBYTE: Addressing Flow Assurance Challenges in Geothermal Assets	Roemex Limited	Geoff Hughes
10:45	TECHBYTE: Scale Predictions in Geothermal Systems	OLI Systems	Giulia Ness
10:50	BREAK		
SESSION 2 - Case Studies & Synergies			
11:20	Session introduction		
11:25	Exploration campaign of the hidden fractured reservoir for geothermal lithium and heat extraction: a case study in Northern Alsace, France	Lithium de France	Jeanne Vidal
11:55	Pucamarca Forever: Plan for solar-geothermal development as an alternative for sustainable closure of the Pucamarca Mine, Perú	Development Bank of Latin America and Caribbean - CAF	Suamy Gabriela Pérez Ortega
12:25	Geothermal and CCUS in Iceland	COWI	Katrín Ragnarsdóttir
12:55	TECHBYTE: Materials challenges and opportunities in high-temperature steam electrolysis with geothermal heat	Robert Gordon University	Nadimul Faisal
13:00	LUNCH BREAK		
SESSION 3 - Future Geothermal			
14:00	Session introduction		
14:05	Applying play fairway analysis to explore geothermal potential in the UK	GaffneyCline energy advisory, Baker Hughes	Dmitri Zunde
14:35	Superhot Rock - the trail to next generation geothermal	Mazama Energy	Gabrijel Grubac
15:05	The Frontier of Energy: Offshore Geothermal Energy in Active Rifts	Viridien	Alexander Jones
15:35	TECHBYTE: A snapshot of next-generation geothermal technologies	Wood Mackenzie	Kate Adie
15:40	CLOSING REMARKS		
15:50	END OF CONFERENCE		

Booking

Who should attend?

We aim for the seminar to be relevant, and interesting, to a broad range of people from energy professionals, environmentalists, investors, politicians, academics, career-seeking students, and those just eager to learn more about Geothermal.

Prices

	Early Bird until 24 January	Standard
ONLINE ATTENDANCE		
Members	£75	£95
Non-Members	£90	£110
Student/Unemployed	£25	£25
IN-PERSON ATTENDANCE		
Members	£140	£160
Non-Members	£170	£190
Student/Unemployed	£45	£45

Please note all costs are subject to VAT at the current rate.

Special Offer

Invite an Early Career Professional (≤10 years in industry) to attend the Seminar for FREE!

For every full price ticket purchased, you may add an additional ticket of the same type for no additional cost. This is your chance to support our future generation and inspire knowledge sharing.

T's & C's

The member organisations eligible for member rate tickets are: SPE, The Energy Institute, IMechE Aberdeen Branch, EIC, Decom NS, InstMC, ICoTA.

Ticket types are non-transferable. If an 'online attendance' ticket is purchased, this only allows access to the online event platform and cannot be used for the in-person event. If an 'in-person attendance' ticket is purchased, this only allows attendance to the in-person event and does not grant access to the online event platform. Special requests can be made to: Aberdeen.events@spe-uk.org and will be decided on a case-by-case basis.

Free Early Careers tickets – 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. This offer is only valid on full price tickets – this excludes the Student/Unemployed ticket type.

The in-person networking reception on the evening of 26th February is available for all delegates to attend, both online or in-person ticket types.

Sponsorship Opportunities

SPE Aberdeen is a not-for-profit organisation and 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 the future generation and the future of our industry.

All sponsors will receive the following benefits:

- Logo on all materials incl. web, abstracts flyer, programme flyer, social media.
- Corporate branding on conference slides.
- Profile and logo in abstracts book.
- Recognition by conference chair throughout the event.
- Access to delegate list prior to the event.

To enquire about sponsorship packages, please contact aberdeen.events@spe-uk.org or call 01224 646311.

Package specific benefits:

Platinum Sponsor £3,600

- Prime positioning of logo on materials.
- Social media input – provide content for a post prior to the event.
- Video opportunity – provide a video to play during the break.
- 5 x delegate passes included plus 3 x tickets for the networking event.

In-person Networking Event Sponsor SOLD

- 2025 will see the introduction of an in-person networking event taking place on the evening of 26 February in Aberdeen.
- Prominent positioning of logo on materials.
- Social media input – provide content for a post prior to the event.
- Opportunity to bring pop-up banners to put up at the event for increased brand exposure.
- 3 x delegate passes included plus 5 x tickets for the networking event.

Please note, all prices above are exclusive of VAT.

Event Sponsor £1,800

- Prominent positioning of logo on materials.
- Social media input – provide content for a post prior to the event.
- 3 x delegate passes included plus 2 x tickets for the networking event .

Registration Sponsor SOLD

- Prime positioning of logo on delegate joining instructions.
- 2 x delegate passes included plus 1 x ticket for the networking event.

Programme Sponsor (2 available) £1,140

- Logo displayed on programme flyer beside chosen day.
- 2 x delegate passes included plus 1 x ticket for the networking event.

Video Showcase £500

- Have your 1–2 minute promotional video played to attendees during the conference.
- Cost includes one play per conference day. Further plays can be negotiated at an additional cost.