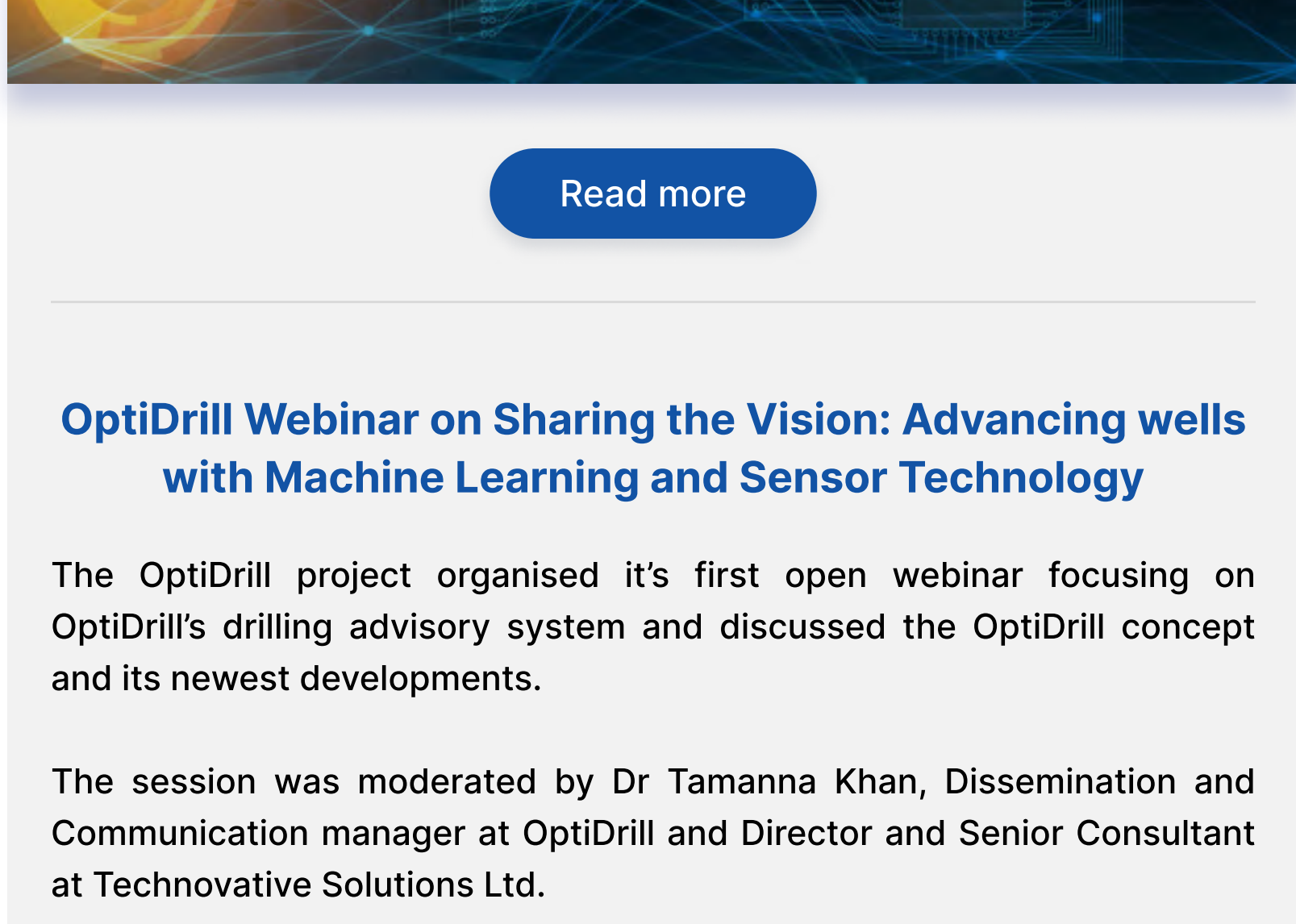




OptiDrill Highlights

Contribution of Machine Learning and AI in Geothermal Energy: Future is Near

Traditional geothermal drilling approaches come with limited efficiency, accuracy, and safety. With the improvement of technology, Artificial Intelligence (AI) and Machine Learning (ML) are now known as powerful tools in geothermal drilling operations creating opportunities for innovation and optimisation in the geothermal industry.



[Read more](#)

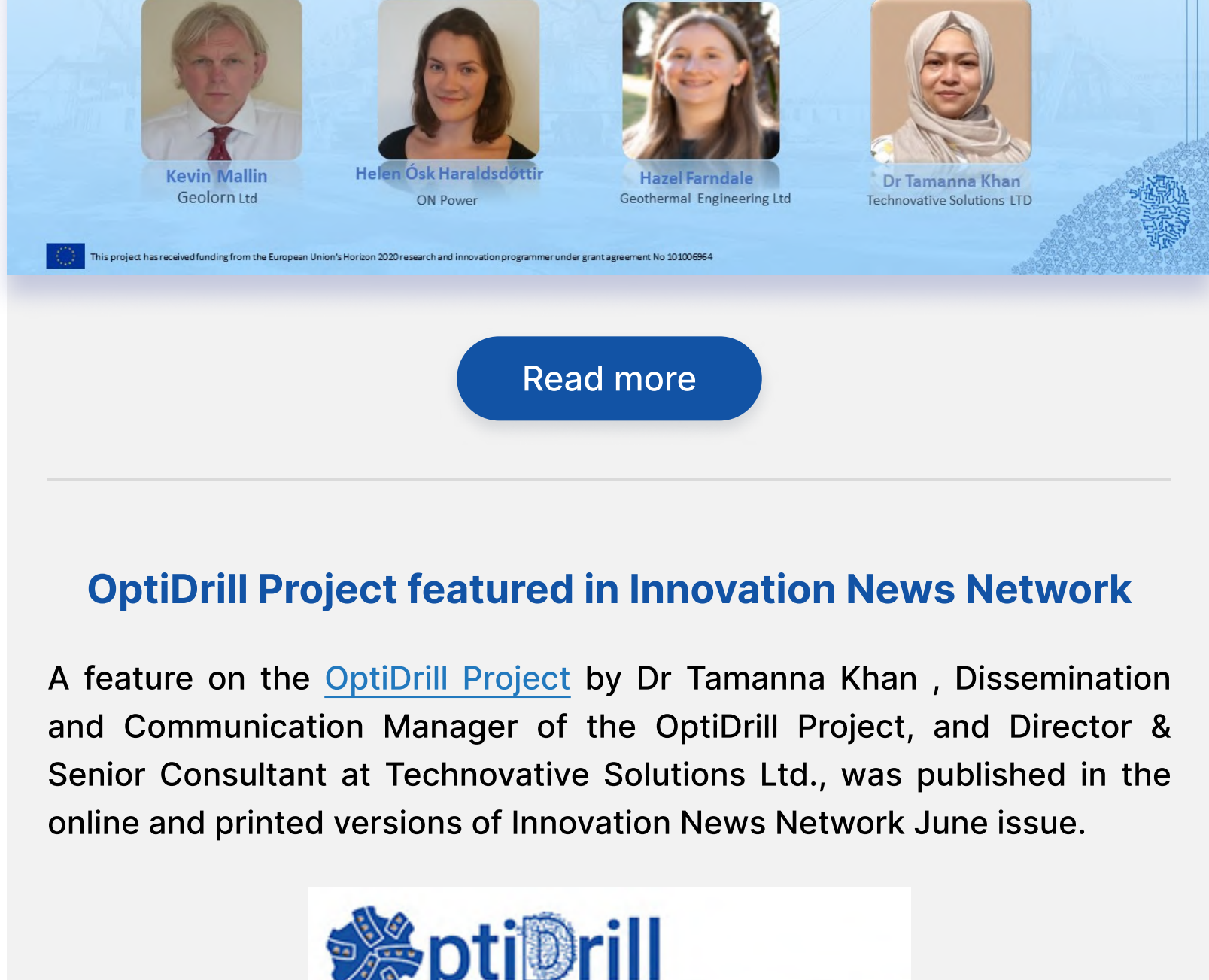
OptiDrill Webinar on Sharing the Vision: Advancing wells with Machine Learning and Sensor Technology

The OptiDrill project organised its first open webinar focusing on OptiDrill's drilling advisory system and discussed the OptiDrill concept and its newest developments.

The session was moderated by Dr Tamanna Khan, Dissemination and Communication manager at OptiDrill and Director and Senior Consultant at Technovative Solutions Ltd.

Kevin Mallin, Technical Manager at OptiDrill and Managing Director at Geolorn Ltd, spoke about the OptiDrill project vision and progress. He then led a round table discussion with Helen Osk Haraldsdottir (On Power) and Hazel Farndale (Geothermal Engineering Ltd).

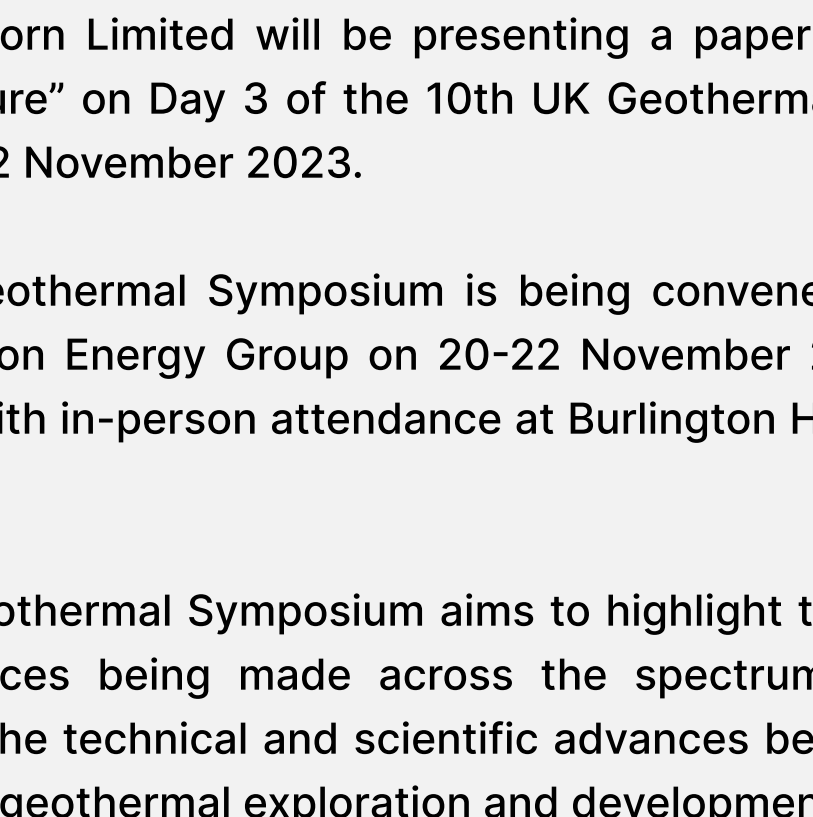
The session was concluded with a Q&A session with the audience.



[Read more](#)

OptiDrill Project featured in Innovation News Network

A feature on the [OptiDrill Project](#) by Dr Tamanna Khan, Dissemination and Communication Manager of the OptiDrill Project, and Director & Senior Consultant at Technovative Solutions Ltd., was published in the online and printed versions of Innovation News Network June issue.



[Read more](#)

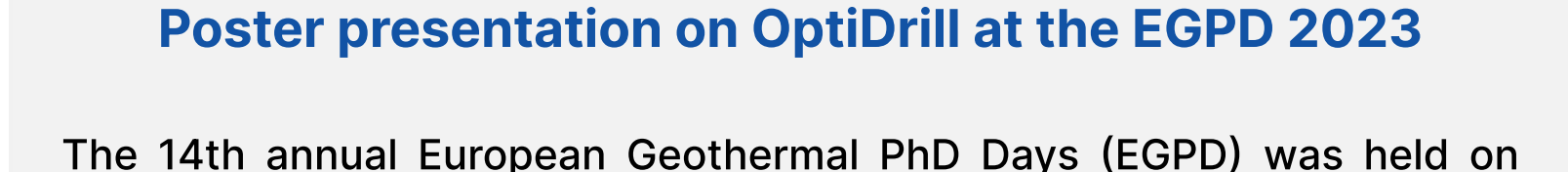
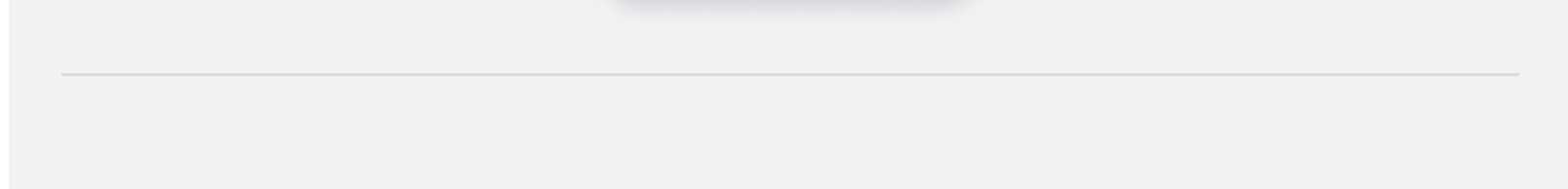
Events

10th UK Geothermal Energy Symposium

Kevin J Mallin, OptiDrill project's Technical Manager and the Managing Director of Geolorn Limited will be presenting a paper titled "OptiDrill-Back to the Future" on Day 3 of the 10th UK Geothermal Symposium to be held on 20-22 November 2023.

The 10th UK Geothermal Symposium is being convened by Geological Society of London Energy Group on 20-22 November 2023. The event will be hybrid, with in-person attendance at Burlington House and Virtual via Zoom.

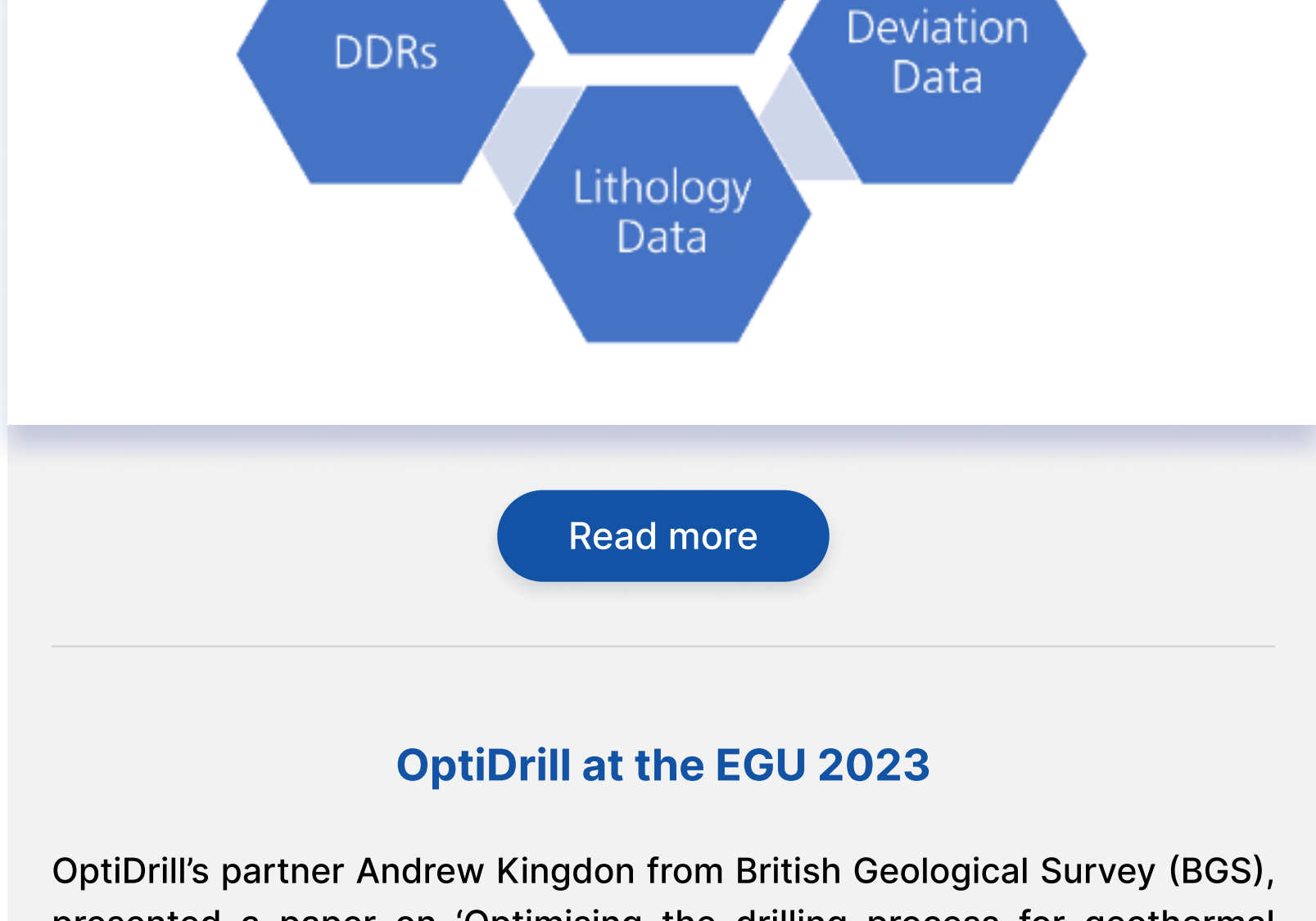
The 10th UK Geothermal Symposium aims to highlight the technical and scientific advances being made across the spectrum of geothermal resources, and the technical and scientific advances being made across the spectrum of geothermal exploration and development.



[Read more](#)

Poster presentation on OptiDrill at the EGPD 2023

The 14th annual European Geothermal PhD Days (EGPD) was held on 4th-6th April, 2023 in Glasgow, Scotland. On day 2 of the programme Henning Knauer, from the Fraunhofer Research Institution for Energy Infrastructures and Geothermal Systems IEG, presented a poster on "Deep Geothermal Drilling Optimization Using Artificial Intelligence Methods", referring to the OptiDrill project.



[Read more](#)

OptiDrill at the EGU 2023

OptiDrill's partner Andrew Kingdon from British Geological Survey (BGS), presented a paper on 'Optimising the drilling process for geothermal wells using legacy oil field data and machine learning' at the European Geosciences Union (EGU) general assembly on 23-28 April 2023 in Vienna, Austria.



[Read more](#)

Technology Transfer and Synergies Meeting at IEG Fraunhofer, Germany

The OptiDrill project's technical partners met for the technology transfer and synergy realisation of the two projects GeoDrill and OptiDrill, at IEG Bochum, Fraunhofer, Germany, on 28-29 March 2023.

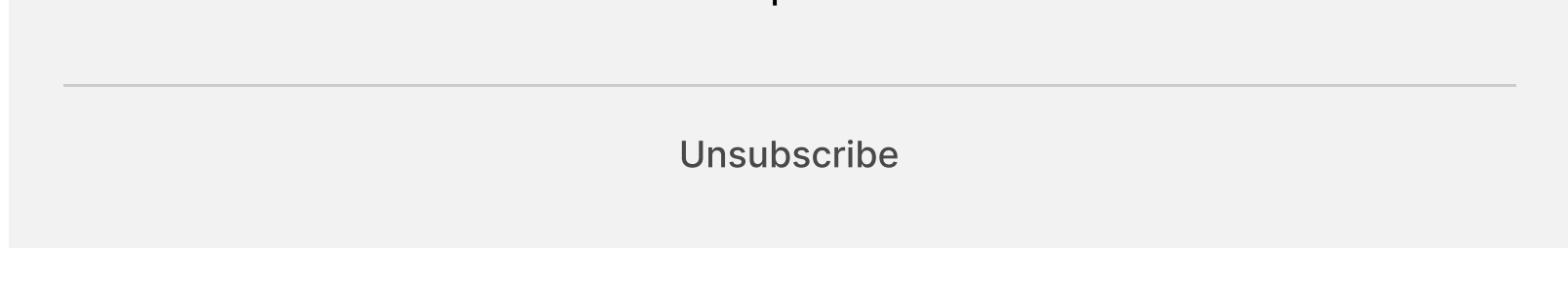
The GeoDrill project aims to develop cost-efficient "holistic" drilling technologies. In contrast, the OptiDrill project aims to develop a drilling advisory system for the optimisation of the geothermal drilling operation with machine learning and novel sensors. As a result, both projects identified synergies in technology transfer.



[Read more](#)

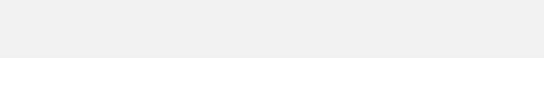
Videos

OptiDrill Concept: Optimisation of Geothermal Drilling Operation with Machine Learning



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