

Program

Workshop on Geothermal Energy

Join a group of experts on geothermal energy in this workshop that explores new opportunities for technology transfer from the oil and gas industry.

The International Energy Agency (IEA) estimates that the upper kilometers of the Earth's crust hold heat energy that is several million times greater than the Earth's annual energy consumption. The heat increases with increasing depth.

The Norwegian oil and gas industry is well positioned to take part in the growing market for geothermal energy. It represents new business opportunities especially for companies with drilling competence and other related technology.

Geothermal energy is harvested when cold water is pumped into an injection well and returned as heated water in a producing well. In deep wells, the water will surface in the form of steam that can be used in industrial processes or to generate power in steam turbines. For geothermal energy to be profitable, it is however necessary to drill at a lower cost than offshore, and to penetrate rock formations that are harder than the ones found on the Norwegian Continental Shelf.

Speakers at the workshop include Statoil, North Tech Energy, Rock Energy, SINTEF, UNI Research and Insitute for Energy Tecnology (IFE).

Date: 12 june 2018

Ticket sales end: 8 june

Time: 9:00 am - 4:00 pm

Location: DNB, Kristiansand

Kontakt: Marianne Engvoll,
marianne@gcenode.no

Language: English

Fee: Free,
Free cancellation until 8 June,
No Show fee NOK. 500,-.

09:30-10:00	Welcome and Introduction Marianne Engvoll (GCE NODE), Odd-Geir Lademo (SINTEF), Ranveig Nygård Bjørk (CGer)
Deep Geothermal Energy	
10:00-10:20	How O&G technology and competence can leverage the Geothermal Industry Carsten Sørli (Equinor)
10:20-10:40	Deep geothermal research projects in SINTEF with field tests at ENEL Green Power in Italy Magnus Hjelstuen & Alexandre Kane (SINTEF)
10:40-11:00	Break
11:00-11:20	Geothermal resources in Mexico – understanding, utilization and challenges Eivind Bastesen (Uni Research)
11:20-11:50	Market opportunities for oil and gas suppliers in the geothermal sector Barry Goldstein (Australia)
11:50-12:50	Lunch and mingling

Asia and Africa

12:50-13:10	North Tech Energy in Indonesia (title tbd) Geir Hagalinsson (North Tech Energy)
13:10-13:30	Minigrid plants and cooperation with the African Development Bank Alexandre Kane (SINTEF)

Offshore Geothermal

13:30-13:50	North Tech Energy (title tbd) Geir Hagalinsson (North Tech Energy)
13:50-14:10	Lean exploration drilling (title tbd) Christian von der Ohe (Castor Drilling Solutions)
14:10-14:20	Break

Norway

14:20-14:50	Experiences from geothermal drilling at Oslo Airport Thor Erik Musæus (Rock Energy)
14:50-15:10	«Highlights» fra NODE report on Geothermal energy (title tbd) Mads Grindrød

15:10-16:00	Closure and mingling cont.
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