Project ‘UDG Schiedam’

Huisman Well Technology and Well Engineering Partners have developed a plan to drill with the world’s largest onshore drilling rig (Huisman Innovation Tower or HIT) on Huisman Equipment premises in the Dutch town Schiedam. The goal is to drill for ultra-deep geothermal power.

The project UDG Schiedam is unique in several ways
- First Ultra Deep Geothermal project in the Netherlands (with aspired starting date end of 2018)
- Collaboration of all leading geothermal players in the Netherlands
- Close involvement of all relevant research institutes and universities in the Benelux
- Application of innovative technology
- Geothermal power for industrial, residential and greenhouse heat demand

Spin-off

The knowledge gained during the project contributes to the further development of ultra-deep geothermal power and thereby to a more sustainable way of heat generation. The institutes and universities as listed below have committed to support the project

Geology / Depth

The plan is to drill to the Kolenkalk (Zeeland Formatie) formation from the Carbon time till an anticipated depth of >6500 metre with an expected temperature of 200°C. The drilling location is located in the concession area ‘Rotterdam 4’.

Heat demand

The utility company Eneco has committed to take off all the heat generated by the ultra-deep well and will ensure connection to the existing grid through the construction of a 2km new pipeline

Consortium

The consortium that develops and builds UDG Schiedam consists of several subject matter experts

Information

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