



## **Technology, market and policy aspects of geothermal energy in Europe**

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The Strategic Energy Technology Plan (SET-Plan) is the technology pillar of the EU's energy and climate policy. The goal of the SET-Plan is to achieve EU worldwide leadership in the production of energy technological solutions capable of delivering EU 2020 and 2050 targets for a low carbon economy.

The Joint Research Centre (JRC) runs and manages the SET-Plan Information System (SETIS) to support the SET-Plan. Under SETIS, the JRC publishes a number of regularly updated key references on the state of low carbon technology, research and innovation in Europe. Within the framework of the SET-Plan, the geothermal sector is placed into context with other power and heat generation technologies. The talk will give an introduction to some of JRC's geothermal research activities.

Amongst others, the JRC Geothermal status report will be presented. This report aims to contribute to the general knowledge about the geothermal sector, its technology, economics and policies, with a focus on innovation, research, development and deployment activities as well as policy support schemes within the European Union. The speech will present the main findings of the report, providing an overview of the activities and progress made by the geothermal energy sector, the status of its sub-technologies and current developments. In addition, the speech will discuss the economic, market and policy aspects of geothermal energy for power production, direct use and ground source heat pumps in Europe and beyond.