

3D-Reflection seismic survey for geological exploration in the Marktoberdorf geothermal field

Client:

Exorka GmbH
Bavariafilmplatz 7
82031 Grünwald/Geiseltasteig, Germany

Task:

Geological structures such as faults and stratigraphic trends were to be explored down to depths of 4000 m in the Marktoberdorf area by means of a 3D seismic survey.

Service:

DMT conducted the seismic survey from June, 10th through 23rd, 2008. Within that period, an area of appx. 25 km² was seismically surveyed.

Interpretation of the seismic data as well as additional 3D geological modelling provided the client with extensive insight into the structural geology of the geothermal reservoir down to 4000m below ground level.

Based upon the 3D survey results, advanced investigations were conducted.



Survey area



Vibroseis vehicles in the field and seismic section

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