

## The focus of the conference

is to bring together European partners active for the environmentally friendly exploitation and use of geothermal resources. The conference represents an outstanding forum for communication and knowledge exchange on recent developments in this field. It offers the chance to get in contact with representatives from science, industry, policy makers and organizations from around the world, who have a shared interest in the progress of geothermal energy. The conference programme covers the broad spectrum of geothermal technology development in a variety of themes.

## The ENGINE project

is a joint initiative of 35 partners from 16 European and 3 non-European countries supported by the 6th Framework Programme of the EU.

Its main objective is the coordination of current R&D activities with respect to Unconventional Geothermal Resources and Enhanced Geothermal Systems. For more information please visit the website <http://engine.brgm.fr>.

## The conference is organised by



## Supported by



## Location

GeoForschungsZentrum Potsdam  
14473 Potsdam, Telegrafenberg, Germany  
Conference: Building H, Auditorium  
Meetings: Building H, Conference Rooms 1-3

## Registration

Registration at the conference website <http://engine.brgm.fr> following the link *conferences&workshops Mid-Term conference* is mandatory for your participation.  
**Registration deadline: January 2, 2007.**

## Organisation Committee

Patrick Ledru, BRGM, France; Ernst Huenges, GFZ Potsdam, Germany

## Scientific Committee

Philippe Calcagno, BRGM, France; Albert Genter, BRGM, France; Martin Kaltschmitt, IE Leipzig, Germany; Costas Karytsas, CRES, Greece; Thomas Kohl, Geowatt, Switzerland; Ad Lokhorst, TNO, Netherlands; Adele Manzella, IGG, Italy; Sverrir Thorhallsson, ISOR, Iceland.

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# ENGINE

Enhanced Geothermal Innovative Network for Europe

Mid-Term Conference  
9-12 January, 2007  
GFZ Potsdam, Germany



## Preliminary Programme



### January 9, 2007

19:00 Icebreaker at GFZ campus

### January 10, 2007

8:30-10:30

Meeting of the Work packages

8:30-10:00

Meeting of the Executive Group

11:00

#### **Conference Opening**

R. Emmermann, GFZ Potsdam

C. Fouillac, BRGM

J. Schuppers, European Commission

#### **Lunch**

13:30

#### **Session I: Global developments**

- The future of geothermal energy: Impact of Enhanced Geothermal Systems on the United States in the 21. Century
- The economics of developing Enhanced Geothermal Systems
- Application of EGS concepts in Latin America and Asia
- International Continental Scientific Drilling Programme

16:30-18:00

Meeting of the Executive Group and Steering Committee with Stakeholder Committee

20:00

#### **Dinner**

### January 11, 2007

8:30

#### **Session II: Exploitation, economic, environmental and social impacts**

- Political frame conditions for promoting geothermal energy
- Geothermal electricity generation from low enthalpy systems
- Economic approach of geothermal energy generation
- Non technical barriers

#### **Lunch**

14:00

#### **Session III: Drilling, stimulation and reservoir assessment**

- Developments in geothermal drilling
- Drilling of geothermal wells in granitic, volcanic and sedimentary reservoirs
- Hydraulic stimulation and microseismic fracture monitoring
  - in the hydrocarbon industry
  - in geothermal wells
- Development of conceptual and numerical reservoir models

### January 12, 2007

8:30

#### **Session IV: Investigation of Unconventional Geothermal Resources and in particular Enhanced Geothermal Systems**

- Structural Geology: imaging potential geothermal reservoirs
- Heat: finding heat at depth
- Stress: understanding and stimulating fluid circulation
- Geophysical methods for EGS investigation
- Geochemical methods in geothermal exploration and exploitation

12:00

#### **Session IV: Dissemination and information**

- Capacity building through training by research in geothermal activity
- Dissemination of geothermal knowledge
- Geothermal education in Europe and other continents

13:30

#### **Conclusion**

14:30-16:00 Meeting of the Work packages

16:30-18:00 Meeting of the Steering Committee