

GRETA MIDTERM CONFERENCE PROGRAMME

“NEAR-SURFACE GEOTHERMAL ENERGY (NSGE) USE IN THE ALPINE SPACE”

Tuesday 7th November 2017
Hotel NH Salzburg City, Franz-Josef-Strasse 26,
A-5020 Salzburg - Austria

09:00 – 09:30 Registration, get together

09:30 – 10:30 Opening plenary

Host: Gregor Götzl, *15 min talk + discussion*

09:30 Welcome address

09:35 Presentation of the GRETA project [Kai Zosseder, TUM]

09:50 NSGE integration into national energy plans in Slovenia [Erik Potočar, Slovenian Ministry of Infrastructure]

10:10 Information platform NSGE Salzburg [Norbert Dorfinger, Salzburg AG]

10:30 – 11:00 Coffee break

11:00 – 12:30 Session 1 “Chances and challenges”

Host: Kai Zosseder, *15 min talk + discussion*

11:00 Challenges related to mapping – differences between the Alpine region and urban areas [Gregor Götzl, GBA]

11:20 Challenges and opportunities for the thermal use of groundwater in urban areas – the Munich example [Kai Zosseder, TUM & Immanuel Pache, SWM Service GmbH]

11:40 Special applications for NSGE heating systems [Valeri Rups, TRIPLE-S]

12:00 French financial incentives to promote geothermal energy [Astrid Cardona Maestro, French Environment and Energy Management Agency]

12:30 – 13:30 Lunch break

13:30 – 15:00 Session 2 “Results in the case study areas”

Host: Charles Maragna, *10 min talk + discussion*

13:30 ITALY / Aosta “Assessment and mapping of closed-loop geothermal potential” [Simone Della Valentina, POLITO]

13:45 FRANCE / Parc des Bauges “Mapping of thermal needs and groundwater thermal potential” [Charles Maragna, BRGM]

14:00 SLOVENIA / Cerklje “Spatial assessment of NSGE potential” [Simona Pestotnik, GeoZS]

14:15 SWITZERLAND / Davos “Concept and tools to understand capture zones of hydrothermal groundwater use systems in Alpine areas” [Peter Huggenberger, Uni Basel]

14:30 AUSTRIA / Saalbach “Ground temperature analysis” [Stefan Hoyer, GBA]

14:45 GERMANY / Sonthofen “Open-loop potential estimation for energy planning” [Fabian Böttcher, TUM]

15:00 – 15:30 Coffee break

15:30 – 16:30 Closing plenary

15:30 Evaluation scheme for the heat supply of alpine touristic infrastructure by use of NSGE [David Stuckey, IBR&I]

15:50 Integration into energy plans [Pietro Zambelli, EURAC]

16:10 Next steps in the GRETA project [Kai Zosseder, TUM]

16:30 – 17:30 Poster session “Shallow geothermal use” & “Hands-on the GeoPLASMA-CE web portal”

Host: Climate Alliance

19:00 – 22:00 Joint conference dinner

