

Shallow Geothermal Energy Days 2020

Boosting the market uptake of geothermal heat pumps

4, 9 & 11 December 2020 | Digital version

10:00-12:00 Brussels time

Heat represents more than half of Europe's energy needs and the vast majority of it comes from fossil fuels. Shallow geothermal energy can be the key to decarbonise heating and cooling of buildings in Europe, being a clean and mature technology that could be installed anywhere in Europe. Yet, it is widely considered as a niche technology, even if in a few countries such as Sweden and Finland, is becoming mainstream and 2 million geothermal heat pumps have already been installed.

The 2nd edition of the "European Shallow Geothermal Energy Days" will connect policy makers, scientists and professionals to discuss ways to boost the market uptake of geothermal heat pumps and underground thermal energy storage.

This 2020 event is organised by the European Geothermal Energy Council (EGEC), the Renewable Heating and Cooling Platform (RHC-ETIP), GEOTRAINET aisbl and Geothermal DHC COST action, with the support of the GeoERA-MUSE project, EuroGeoSurveys, GEOCOND project and EHPA.

Agenda

Research and innovation session: Breakthroughs in shallow geothermal technologies

Friday 11th December 10:00 to 12:30 CET

Part 1: Financing research projects - 10:00 to 11:00

Presentation of EU Funding:

- Moderator: Javier F. Urchueguía, RHC-Platform Chairman
- Innovation Fund: 2nd call on small scale projects - Susanna Galloni (INEA), European Commission
- Research opportunities in the final H2020 calls and outlook on Horizon Europe - Cagri Yildirim (Turkey national contact point C-Energy 2020)
- Research priorities on shallow geothermal - Javier F. Urchueguía
- Q&A session

Part 2: Research on Life Cycle Assessment of geothermal - 11:00 to 12:30

Workshop on LCA to present best practices, draw lessons learnt, review methodology, and design policy recommendations:

- Welcoming & Moderation by Javier Urchueguia, RHC-Platform Chairman
- View on LCA by the Heat Pump sector, Dan Stefanica, EHPA
- LCA methodology for geothermal by GEOENVI, Maria Laura Parisi
- LCA of Shallow to Medium-Depth Geothermal Heating and Cooling Networks in the State of Geneva - Astu Sam Pratiwi, University of Geneva
- Exergetic Analysis by GEOCOND project, Sanobar Hassan Khattak
- EU Standards and Regulations, RGS, Robert Gavriiliuc
- Share of best practices of EU funded research and innovation: GEOCOND, GEOENVI GEO4CIVIC: moderation by Burkhard Sanner (UBeG) – sharing the research areas/knowledge)
- Q&A session, Moderator - Javier Urchueguia

About the Shallow Geothermal Days

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More information here:

<https://www.egec.org/events/european-shallow-geothermal-days-2020/>