



Large-Scale Thermal Energy Storage – Socio-Environmental Barriers

0900-1030 (GMT) 28 November 2022

SP Energy Networks and EGEN (The voice of Geothermal in Europe) are pleased to co-present this event which will focus on socio-environmental barriers to the development of geothermal energy storage.

The main objective of the SPEN ALPHA Heat Balance Project is to demonstrate the application of large-scale thermal energy storage (LTES) to exploit curtailed wind and support inter-seasonal alignment of wind generation and thermal demand, and to explore the social attitudes and environmental risks connected to large-scale thermal energy storage.

The event will explore issues related to public engagement, collaboration and acceptance of geothermal from the perspective of six guest speakers:



Amel Barich, Geothermal Research Cluster (GEORG), Iceland

Dr. Amel Barich is an earth scientist and works as project manager at the GEORG Geothermal Research Cluster in Iceland. Since 2018 Dr Barich has worked on projects including geological carbon capture and storage, magma research, policy, and social sciences. She is the task lead of the Social License to Operate (SLO) research work in the CROWDTHERMAL project.



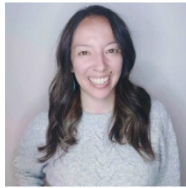
Christine Heimlich, Consultant, PhD Earth and Environmental Science

Questions about environmental issues and current societal issues have led me to develop knowledge in ecology, earth sciences and biology and my areas of expertise are geothermal energy and surface deformations. I have carried out work in Earth and Environmental Sciences on the application of geodesic methods to deep geothermal energy, and the observation of localized deformations in the Rhine graben.



Olivier Ejderyan, Research Institute of Organic Agriculture (FiBL)

A Human Geographer by training, my current work focuses on the politics of deep geothermal energy (DGE) development. It is part of TdLab's research cluster Socio-technical aspects of the energy transition. I investigate how deep geothermal energy becomes embedded in national and regional energy strategies as well as in localities where projects are planned.



Stasia Ryder, University of Exeter, England

Stasia works on an interdisciplinary, mixed-methods research project funded by the UK Natural Environmental Research Council and Economic and Social Research Council focussing on exploring how public responses to shale gas development unfold at national, regional, and local scales in the UK. She is also working on a second research project funded through the same program, which focuses on risk perception and community engagement in the context of geothermal energy.



Jess Hogan, University of St. Andrews, Scotland

Working in rural communities, my research has often looked at conflict. Currently completing my PhD on communities' experiences living near wind energy. I am particularly interested in energy justice including how participating in the wind farm development or receiving benefits may influence acceptance/opposition.



Ewan Gibbs, University of Glasgow, Scotland

My research has consistently focussed on the link between long-term economic developments and changes in politics and culture. I am presently developing projects based around understanding energy transitions, decarbonisation and connections between fuel sources, arguments for Scottish independence and economic justice.

The webinar will comprise short presentations by our speakers, an audience poll and panel discussion with registration available at the link below:

[REGISTRATION](#)