



**EUROPEAN
GEOTHERMAL
CONGRESS**
2022



Bcc | Berlin Germany



17-21 October 2022



**Call for abstracts open >
22/04/2021 - 31/08/2021**

The 2022 edition of the European Geothermal Congress (EGC) will be held on **17th – 21st October 2022 at the Berlin Congress Centre bcc, Berlin, Germany**. EGC 2022 is organised by EGEc Geothermal, in cooperation with the German Geothermal Association BVG.

The organisers request the submission of abstracts for papers concerning **all areas of geothermal energy use, from very shallow systems to deep drilling and high-enthalpy fields**. Both the technological and the social-economic side will be covered.

The programme will be divided into four basic threads or “streams”, using the practises and standards appropriate to each respective target group. We hope, however, that you will use this unique opportunity to look outside your own normal sphere or interest and learn about the work of those in other fields, all connected by the desire to give geothermal energy the spot on the energy landscape it deserves!

The four streams are:

- **Geothermal solutions for the future renewable energy systems**
- **Politics and Market**
- **Technology and Innovation - good practices**
- **Research and Development**

Please consider which stream is appropriate for your proposal, as reviewing and acceptance procedures will vary according to the usual practice in these fields.

For more information about the congress programme visit:

www.europeangeothermalcongress.eu

> Geothermal solutions for the future renewable energy systems

This stream looks into the integration of geothermal in the energy system. Geothermal energy is central to a smart, resilient and future-proofed energy system. It provides renewable heating, cooling and baseload electricity, which are pivotal to decarbonising buildings, industry and mobility.

Topics falling under this stream are:

- Sector coupling: electricity, heat and transport.
- Transformation pathways for the energy transition
- Success stories
- Regional solutions
- Hybrid systems
- other

> Policy & Markets

This stream covers the political, regulatory, financial, and economic framework in which geothermal energy operates, as well as public acceptance.

Policy and regulation can act both as a support and as a barrier to development, and we need to make sure the best suitable framework is created within European countries. The politics and market sessions will feature invited speakers, as well as presentations from submissions, which will be selected according to their relevance to geothermal technology use. This stream is mainly organised by EGEC and BvG, with help from the Scientific Committee.

Topics falling under this stream are:

- Heat market at city level and in rural areas
- Market for industrial process heat supply
- Policy -frame conditions and incentives
- Legal aspects and regulations
- Socio-economic aspects of geothermal energy
- Financing, corporate structures, “bankability”, etc.
- Public acceptance and engagement issues, public relations
- Other

> Technology and Innovation - good practices

We welcome R&I results, new technical ideas, reports from ongoing and finished projects, monitoring experiences, environmental issues, technical rules, plant design methods, and anything else relevant to the production of power, heat, and cold from geothermal sources. Technology Readiness Levels (TRLs) of reference for this stream is equal or higher than 6.

Submitted abstracts will be reviewed both for their technical soundness and their possible impact on the growth of geothermal energy. This stream is governed by the Scientific Committee, in cooperation with the European Technology & Innovation Platform on Deep Geothermal (ETIP-DG) and the Geothermal Panel of the European Technology and Innovation Platform on Renewable Heating & Cooling (RHC-ETIP).

Topics falling under this stream are:

- Geothermal power in Europe – projects, ideas, experiences
- Geothermal heating and cooling uses for buildings, tertiary, agricultural, and industrial sectors
- Geothermal heat pumps in Europe – small and large buildings, heating and cooling, and domestic hot water
- Underground thermal energy storage – design, system integration and operation

- Exploiting mineral production from geothermal sources
- Exploration and planning
- Environmental impacts and solutions
- Hybrid plants
- Other

> Research and Development

With this stream, we expect to learn the latest news from scientific research with a clear focus on possible implications on geothermal energy use. Technology Readiness Levels (TRLs) of reference for this stream is equal or lower than 5. Scrutiny for scientific excellence will be used in review for this category. This stream is governed by the Scientific Committee, in cooperation with the EERA Joint Programme on Geothermal and RHC-platform / geothermal TP for shallow geothermal.

Topics falling under this stream are:

- Risk Management (reservoir assessment, safe operations, environment protection, demand side)
- Exploration and planning
- Geothermal drilling and Constructing of geothermal wells
- Reservoir engineering, development and operation of geothermal plants
- Energy conversion systems and supply
- Ground Source heat exchangers technologies
- Operation of geothermal systems
- Integration of geothermal into the circular economy
- Other

Country Updates

A dedicated team will be in contact with prospective authors of the country update reports. If you wish to contribute to a country updated, contact the conference secretariat at info@europeangeothermalcongress.eu.

Practical Information

The language of the congress will be English.

Please submit your 1-page-abstracts (max 3,000 characters including space) via the online submission tool at <https://www.conftool.org/egc2022/>. For any **issues with the online submission tool**, please contact the secretariat at pco@europeangeothermalcongress.eu.

Deadline for receipt of abstracts is 31st August 2021.

The authors will be informed of the decision on acceptance of their abstracts by the end of 2021. Final papers will be required by February 2022. The papers (maximum 10 pages) will be published in the conference proceedings in electronic form.

Conference fees

Information about the conference fees will be available at the beginning of 2022.

Contacts

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