Issue 3, November 2020

GEOTHERMAL DHC

Towards Decarbonized Heating and Cooling!

**CA18219 Geothermal-DHC**

*Research network for including geothermal technologies into decarbonized heating and cooling grids*

Inside this issue:



# Geothermal-DHC Ad Hoc Working groups

**Geothermal-DHC** continuous with the work on the different topics of geothermal energy related to district heating and cooling.

As part of the **PWG1 "Technology"** the following sub-groups were established:

1) Ad Hoc WG Deep Geothermal Energy,
2) Ad Hoc WG Medium Deep Geothermal Energy,
3) Ad Hoc WG Shallow Geothermal Energy,
4) Ad Hoc WG CCUS Geothermal & Unconventional Geothermal Energy Use,
5) Ad Hoc WG Heating and Cooling Grids,
6) Ad How WG Energy Conversion,
7) Ad Hoc WG Underground Thermal Energy Storage,
8) Ad Hoc WG Sustainability

Choose the topic(s) you are most interested in and you can join any time!

For more information on the different activities and topics addressed, please contact giuseppe.mandrone@unito.it or gregor.goetl@geologie.ac.at.

# Geothermal-DHC forms a new collaboration with the CROWDTHEMAL project

In the framework of outreaching and forming new collaboration, **Geothermal-DHC** joint forces with the **CROWDTHERMAL** project.

**CROWDTHERMAL** is an EU Horizon 2020 funded project, which aims to empower the European public to directly participate in the development of geothermal projects with the help of alternative financing schemes (crowdfunding) and social engagement tools. The project findings will be validated in three case study areas in Hungary, Iceland and Spain.

Since the project started, in September 2019, the **CROWDTHERMAL** team has developed a set of reports addressing social, environmental and financial aspects of community financed geothermal projects. For more information on these reports, please visit the deliverables page.

To stay tuned, we invite you to watch **CROWDTHERMAL's** video at https://youtu.be/2trUcbXcisM and follow them in the social media!

Illustration: Leonnidas

**Geothermal-DHC** and **CROWDTHERMAL** will mainly collaborate in the stakeholder level and in the dissemination aspects; interlinking websites, joint webinars, inclusion of joint topics in the newsletters, joint social media campaigns.

## Interested in attending digital conferences? Benefit from ITC conference grant support!

Due to travel restrictions, our **PWG3 "Promoting Young Careers"** team decided to prolong the current call on **STSM** and **ITC conference grant** support!

Young researchers, especially from the COST Inclusiveness Target Countries are encouraged to apply and benefit from our **conference grant support offer** for attending **digital conferences**.

For more information on funding opportunities please contact:

rao.m.singh@ntnu.no or nina.rman@geo-zs.si.

*"Empowering citizens and local communities to develop local clean energy solutions, like geothermal energy, can contribute to the European Green Deal."*
*- Isabel Fernández, CROWDTHERMAL's project coordinator*

## Possibilities and Limitations of Geothermal Energy Use for Heating and Production of Electricity at Volcanic Islands

On October 1st, our COST Action Geothermal-DHC had its **1st digital workshop** entitled "Possibilities and limitations of geothermal energy use for heating and production of electricity at volcanic islands". Distinguished speakers from case studies in Europe presented the current status of geothermal use in the volcanic islands of Canary, Azores, Aeolian, in the Aegean Sea and Iceland.

As the next 20 years will be crucial to achieve the clean energy transition, it was agreed by all participants that actions need to be taken to stimulate investments in geothermal energy!

Summary of the workshop, conclusions and links to the materials can be found here.

## 100 good reasons for implementing geothermal energy into heating and cooling grids

Geothermal-DHC, in collaboration with EGEC, is planning to issue a report, which will include case studies in Europe, and beyond, that have implemented the use of geothermal energy in district heating and cooling.

The objective of the report will be to raise awareness in regards to market uptake. The main target stakeholder groups will be the energy suppliers, the communities, construction companies, policy makers.

Additional information will be provided soon and ways to be engaged.

To make certain that you do not miss our news:

@Geothermal_DHC

COST Geothermal DHC

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