

# Shallow Geothermal Energy Days 2019

September 24/25 2019, Brussels

## First Circular and Call for Contributions!

### Shallow geothermal energy use – a game changer towards decarbonized low emission heating and cooling supply in Europe!

Shallow geothermal energy represents a well-developed, non-volatile and clean technology for providing efficient heating and cooling supply across Europe. It is often associated with the use of ground source heat pumps but offers a wide range of applications such as geo-cooling or seasonal heat storage. Still, it is widely considered as a niche technology but has the potential to become a powerful game changer towards a decarbonized heating and cooling technology. However, the next decade from 2021 until 2030 is crucial to fulfil the SDGs defined in the Clean Energy for all Europeans initiative of the EC.

The Shallow Geothermal Energy Days aim at connecting policy makers to scientists to promote and discuss opportunities and barriers to overcome for boosting this technology in the upcoming decade. *We invite you to join this event, raise your voice and learn more about shallow geothermal energy in Europe!*

### Programme of the event

#### **Day 1 (Tuesday, September 24, 2019)**

*10:00 – 10:30 Get together and registration*

#### **10:30 – 12:30 Session 1: Opening keynotes**

- Current market developments of shallow geothermal energy use in Europe (EGEC)
- The role of shallow geothermal in the European heat pump market – requirements for a sustainable growth of ground source heat pumps (EHPA) tbc
- The new energy & climate policy package 2030 to develop geothermal heating and cooling (DG Energy, tbc)
- Fostering the efficient and sustainable use of shallow geothermal energy in Central Europe – lessons learned from the Interreg CE project GeoPLASMA-CE (GeoPLASMA-CE)

*12:30 – 13:30 Lunch networking*

#### **13:30 – 14:30 Session 2: Panel discussion**

- Towards a European Shallow Geothermal Roadmap until 2030 to support the inclusion into the Clean Energy for all Europeans initiative by the EC

*14:30 – 15:00 Coffee break*

#### **15:00 – 17:00 Session 3: Good practice and case studies across Europe**

We invite you to present your demonstrator or good practice example on innovative, efficient or sustainable use of shallow geothermal for heating, cooling or seasonal heat storage during a short presentation or poster presentation.

17:00 – 19:00 Cocktail reception and networking

## **Day 2 (Wednesday, September 25, 2019)**

09:30 – 10:00 Get together and registration

### **10:00 – 12:00 Session 4: Shallow geothermal research keynotes**

- Promising future technological solutions linked to shallow geothermal energy use (RHC-ETIP)
- Research opportunities in the final H2020 calls and outlook on Horizon Europe (DG Research, requested)
- SET Plan Implementation working group on Efficient energy in buildings (Action 5)
- Round table discussion: "Towards a new Agenda and Implementation Roadmap to 2030 for research and innovation in Shallow Geothermal Heating and Cooling"

### **12:00 – 12:30 Closing session of the event**

- Wrap up and concluding remarks

12:30 – 13:30 Networking with snacks

**13:30 End of the event, further side events based on direct invitations planned**

For further information and registering to this event please visit the website [www.geothermal-days.eu](http://www.geothermal-days.eu).

### **Call for contributions**

We are searching for innovative solutions and good practices of an efficient and sustainable use of shallow geothermal across Europe. There are limited slots available for short (15 minutes) presentations. All case studies can be presented during a poster session including flash presentations during the cocktail reception. Please contact [info@geoplasma-ce.eu](mailto:info@geoplasma-ce.eu) for applying to the innovative and good practice session **before 3<sup>rd</sup> of September 2019**.

### **Important logistic note!**

In the week of September 23 to 28, Brussel will host the European Research and Innovation Days. We already get informed that most hotels are already heavily booked. So please book your accommodation as soon or possible! Another option would be to stay outside of Brussels for the night. We recommend for example **Leuven**, which is well connected to Brussels city center by train and offers nice hotels at reasonable prices. We are happy to support your in logistic issues – please contact [com@egec.org](mailto:com@egec.org).

Please note that attending this event is free of costs.

### **Organizing panel**

Interreg Central Europe project GeoPLASMA-CE ([www.geoplasma-ce.eu](http://www.geoplasma-ce.eu)), Renewable Heating & Cooling-European Technology and Innovation Platform, European Geothermal Energy Council).

### **Supported by**

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