

## CA18219 Geothermal-DHC

# Priority VM Call on Supporting the assessment and characterization of case studies in Europe related to geothermal energy use in heating and cooling networks

**Complete applications should be received by 28<sup>th</sup> of February 2022**

### PURPOSE

Virtual Mobility (VM) grants consist of a collaboration in a virtual setting among researchers or innovators within the COST Action to exchange knowledge, learn new techniques, etc.. Virtual mobility benefits both, the Action as it can use a flexible tool to implement virtual activities to achieve MoU objectives and increase impact and reach, and it benefits the VM grantee in developing capacity in virtual collaborations and enables networking in a pan-European framework.

The pre-defined priority Virtual Mobility (VM) grant is expected to contribute to the following **Grant Agreement Period Goals (GAPG)** of CA18219 Geothermal-DHC:

- **GAPG1:** Accomplishing the initiative "**100 good reasons to use geothermal energy in heating and cooling networks**" linked to the collection and characterization of up to 100 case studies on geothermal energy use in heating and cooling networks across Europe in fact sheets. The produced fact sheets will be shown on a GIS supported system on the Geothermal-DHC web portal;
- **GAPG6:** Publish a **Geothermal-DHC position paper** linked to the catalogue of fact sheets, the collected case studies and other science capitalization activities inside Geothermal-DHC. The position paper will be published during the planned international event together with the results of the "100 good reasons for geothermal energy use in heating and cooling networks" initiative;
- **GAPG14:** Foster the **interaction with regional stakeholders by joint surveys on opportunities and barriers** for a better integration of geothermal energy use in heating and cooling networks to identify research needs. The stakeholder interaction will also be linked to the assessment of case studies in the framework of the "100 good reasons for geothermal energy use in heating and cooling networks". Moreover, country representatives inside the Action will also be asked to interact with at least 1 stakeholder (e.g. community, energy supplier) in a region currently not using geothermal energy supplied district heating and cooling.

The awarded VM Grant is expected to cover the following activities:

- i. Coordination of the data assessment and surveys related to cases studies on geothermal energy use in heating and cooling networks by interacting with the involved Permanent Working Group Coordinators (PWG1, PWG2, and PWG4) and Country Representative group,
- ii. Support the interlinking of case study surveys with related stakeholder surveys (operators and communities related to the use of geothermal energy in heating and cooling grids)
- iii. Design and development of the fact sheets including online data assessment forms,
- iv. Digital surveys on published key market data related to the use of geothermal energy in heating and cooling networks in Europe,
- v. Support the concept (White Book) of a GIS based web tool for spatial displaying of the created fact sheets.

A **draft concept of the initiative linked to GAPG1** is available under the following [link](#).

### EXPECTED OUTCOMES

After the successful accomplishment of the VM activity, a VM report needs to be submitted within 30 days after the end date of the activity to the COST portal. The report must contain a description of the work developed, main outcomes and achieved outputs with a description of the future follow-up collaboration (templates are available online). In addition, the successful applicant is expected to prepare a short summary report of the results related to the activities listed above.

### ELIGIBLE APPLICANTS

- Action participants registered to the Yellow Pages (for more information contact [CA18219@geologie.ac.at](mailto:CA18219@geologie.ac.at)).
- The VM activity can be linked to a undergraduate academic work or thesis if the expected outcomes are achieved before the end of Grant Period 3.

### DURATION

The VM activity must be accomplished before 30<sup>th</sup> of September 2022. All related reporting must be completed before 15<sup>th</sup> of October 2022.

### VM grant

The VM activity will be supported by a **lump sum of EUR 1500**.

## APPLICATION PROCEDURE

- 1) Carefully read the Grant Awarding User guide, Nov 2021 (<https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf>), chapter 2.1 and others.
- 2) Elaborate your profile on [eCOST](#).
- 3) Elaborate your profile on the Yellow Pages of Geothermal-DHC (for more information please contact [CA18219@geologie.ac.at](mailto:CA18219@geologie.ac.at)).
- 4) Submit your VM application on [eCOST](#) having prepared the following documents:
  - VM project title and duration

- Application form (template available on eCOST <https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf>) describing: Main Objective, description of the work to be carried out by the applicant, plan for participation, expected outcomes and description of the contribution to the Action MoU objectives;

All requests concerning the VM application need to be addressed to [CA18219@geologie.ac.at](mailto:CA18219@geologie.ac.at).

### **APPLICATION EVALUATION**

Your application will be automatically sent by eCOST to the VNS Manager.

**Please note: the collection date will be 28<sup>th</sup> of February 2022, 5 pm CET.**

After the collection date, a scientific board (consisting of the ExCO-group and the virtual networking support manager) assesses the applications. The VNS will then make the suggestion to the Vice-chair as a Grant Awarding Coordinator, who will provide the grant to the successful applicant.

The following evaluation criteria will be taken into account

- Quality of the concept and the aimed outputs,
- Qualification of the applicant,
- Social inclusiveness policy aspects aiming at the involvement of ITC participants and young researches as well as ensuring gender balance (participation of at least 40% of each gender).

The applicants will be informed within 1 week on the results of the evaluation.

### **AFTER THE ACCOMPLISHMENT OF THE VM ACTIVITY**

Within 30 days of the end of your VM you have to submit your Activity Report using a template (<https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf>) The Report will be checked by the VNS manager and the Scientific Board. After your report is accepted the Grant will be paid via your Contact details on eCOST.

Failure to submit the Report and the Official Confirmation Letter may lead to a cancellation the grant.

### **SUPPORT**

In case of content related questions, please contact [gregor.goetzl@geologie.ac.at](mailto:gregor.goetzl@geologie.ac.at).

In case of administrative questions, please contact the Action Office [CA18219@geologie.ac.at](mailto:CA18219@geologie.ac.at).