

## CA18219 Geothermal-DHC

# 1<sup>st</sup> Call for VM applications in the 3<sup>rd</sup> grant period

**Complete applications should be received by 15<sup>th</sup> of April 2022**

### PURPOSE

Virtual Networking Tools were introduced by COST in 2021 during the pandemic as a new opportunity to build capacity and spread the uptake of virtual collaboration across different research communities. **Virtual Mobility (VM)** Grants are aimed at strengthening the existing networks by allowing scientists to foster collaboration in a virtual setting among researchers or innovators within the COST Action, to exchange knowledge, learn new techniques, disseminate the Action results, etc.

The successful applicant will benefit by the VM in developing capacity in a virtual collaboration and networking in a pan-European framework. In exchange the COST Action can use VMs as a flexible tool to implement virtual activities inside the network, to achieve the MoU objectives and significantly increase the impact and reach.

Therefore, applicants are expected to integrate topics of interest by the Action Geothermal-DHC. The table below exhibits topics and keywords of enhanced interest, which are in line with the actual version of the CA18219 Geothermal-DHC “**Publication Strategy**”<sup>1</sup> and will be preferred in the evaluation procedure:

Topics of interest linked to Geothermal-DHC	Proposed keywords (non-exhaustive list)
<ul style="list-style-type: none"> <li>• Solutions for the integration of geothermal technologies in multivalent heating and cooling (HC) networks</li> <li>• Social perception and environmental impact of geothermal HC networks in Europe</li> <li>• Enhancing the competitiveness of geothermal energy supported heating and cooling networks</li> <li>• Business models linked to geothermal HC networks</li> <li>• Regulatory framework linked to geothermal energy in HC networks</li> <li>• Underground Thermal Energy Storage in the context of use in HC networks</li> <li>• Energy &amp; exergy analysis of geothermal HC networks and system optimization (e.g. peak load shaving)</li> <li>• Innovative solutions for geothermal energy use in HC networks</li> </ul>	<p>UTES, shallow/medium/deep geothermal, unconventional geothermal energy, geothermal heating, geothermal cooling, district heating/cooling network, exergy analyses, system integration</p>

**FINANCIAL SUPPORT** <sup>1</sup> For more information please visit: <https://projects-gba.geologie.ac.at/index.php/s/QX8mHNFUvjjV13j>

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| <ul style="list-style-type: none"> <li>• Geothermal cooling in the context of HC networks</li> <li>• Heat recycling and sector coupling solutions linked to geothermal energy use in HC networks</li> <li>• Strategies and measures to better integrate geothermal energy in HC networks in Europe</li> </ul> |  |
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### Examples of activities that can be performed by the VM grantee:

- Virtual Mentoring scheme, with special focus on activities and exchanges that can generate capacity building and new skills, particularly for Young Researchers and Innovators (i.e. managerial skills, methodological skills, communication skills, etc.)
- Supporting harmonization and standardization of methods and procedures within the Action networking activities
- Supporting the implementation of research coordination related activities that do not necessarily require in-person presence (i.e. computational/modelling activities, data analysis, etc.)

### FINANCIAL SUPPORT

The grant provides a contribution for the overall effort, not necessarily covered by an employer or by a Grant Holder Institution. The maximum amount of support for VM is 1500 EUR. The decision of the final amount is made by the Grant Management Committee on proposal of the evaluators and reflects the duration, scope and complexity of the task/activities to be covered.

### ELIGIBLE APPLICANTS

- Applicants are Action participants with a primary affiliation to an institution located in a COST Full or Cooperating Member country or MC Observers from a COST Near Neighbour Country
- A registration at the Yellow Pages of CA18219 Geothermal-DHC is required for a successful application (please contact the Action office for the link under [CA18219@geologie.ac.at](mailto:CA18219@geologie.ac.at) )

For more information please visit the general eligibility rules, which are published in the COST ANNOTATED RULES FOR COST ACTIONS, 27.7.2021 (<https://www.cost.eu/uploads/2021/10/COST-094-21-Annotated-Rules-for-COST-Actions-Level-C-2021-11-01-1.pdf> ), sections 1.1.1. and 7.3 and Grant Awarding User guide, Nov 2021 (<https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf> ).

## APPLICATION PROCEDURE

- 1) Carefully read the Grant Awarding User guide, Nov 2021 (<https://www.cost.eu/uploads/2021/12/Grant-Awarding-userguide.pdf> ).
- 2) Elaborate your profile on [e-COST](#).
- 3) Elaborate your profile on the Yellow Pages of the Geothermal DHC (please contact [CA18219@geologie.ac.at](mailto:CA18219@geologie.ac.at) )
- 4) Submit your ITC-CG application on [e-COST](#) having prepared the following documents:
  - Title of your planned VM

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- Start and end date (within the active Grant Period)
- Budget requested by the applicant

*To be uploaded on e-COST:*

- Application form (found in the <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))
- A CV (including a list of publications – if applicable)

All requests concerning the VM application need to be addressed to the Virtual networking support manager [anna-katharina.bruestle@geologie.ac.at](mailto:anna-katharina.bruestle@geologie.ac.at)

### **APPLICATION EVALUATION**

Your application will be automatically sent by e-Cost to the Grant Management Committee.

**Please note: the collection date will be 30<sup>th</sup> of April 2022, 5 pm CEST.**

The Grant management Committee will assess the applications after the collection date.

The evaluation and ranking of applications will be under the responsibility of this dedicated committee. It is planned that they are evaluated within 10 working days after the application submission deadline. The Grant Holder will send a feedback to all applicants on the decision of the evaluation.

Successful applicants will then receive a Grant Letter, which also includes the allowed maximum funds and rules for reimbursement and the evaluated list of applications. The Grant Letter will activate the VM in e-COST.

**Please note** that priority might be given to ITC participants and gender balancing efforts in order to support the inclusiveness targets of the Action (participation of at least 40% of each gender and access to at least 50% of all funds to ITC participants)

### **AFTER THE VM**

- The Grantee (i.e. successful applicant) has 30 calendar days from the end date of the VM to submit a report to the Action MC (report template can be found in e-COST or the Grant awarding userguide)
- Grants are paid by the Grant Holder after the completion of the activity and approval of the submitted report by the Grant Management Committee

### **SUPPORT**

In case of content related questions, please contact Virtual Networking support manager [anna-katharina.bruestle@geologie.ac.at](mailto:anna-katharina.bruestle@geologie.ac.at)

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