

Reference: 312/23

Vienna, 28.02.2023

The GeoSphere Austria, Federal Institute for Geology, Geophysics, Climatology and Meteorology as an institution under public law with its own legal personality is now offering a position as

Research Associate (f/m/x)

for the EU-Horizon-CSA-project **SAPHEA**

in the Division of GEOPHYSICS and applied Geological Services, Department of Mineral Resources & Geoenergy, Geoenergy competence unit with an employment scope of 40 hours per week, with a place of work in Vienna.

GeoSphere Austria is the national geological, meteorological, climatological and geophysical service in Austria. We combine over 150 years of experience and competence with the latest research results and always put the needs of the people in the foreground in all our endeavors. With more than 500 experts, we are the knowledge partner on the topics of weather, climate change, raw material security, geology, the environment, natural hazards and groundwater.

Short Description of the project

SAPHEA addresses the uptake of multivalent heating and cooling networks supplied by geothermal energy by creating a durable digital market uptake hub. The hub contains toolboxes and guidelines to support stakeholders in early stage investment decisions and strategy planning activities and addresses market actors in districts or municipalities all across Europe. SAPHEA will therefore combine, adapt and expand existing tools (e.g., Hotmaps or EnerMaps) considering a set of market ready and emerging technological concepts linked to geoHC networks. The users of the hub, represented by local authorities, community services and energy suppliers will be empowered by targeted trainings to draft development scenarios and roadmaps taking into consideration the specific geological and socio-economic boundary conditions in their respective region. Dedicated communication activities will lead to the establishment to a lively network around the market uptake hub of public and private market actors as well as researchers beyond the lifetime of SAPHEA.

We offer:

- A meaningful area of responsibility with personal creative freedom
- Individual training opportunities and prospects
- Short lines of communication
- An effective and innovative team
- Flexible working hours through flextime and home office
- A family-friendly environment

These Tasks await you:

Your involvement in SAPHEA will cover:

- Content related contribution:
 - Spatial data analyses including mapping at a pan-European scale
 - Geothermal resource characterization related to the use of geothermal energy in heating and cooling networks
 - Assessment and analyses of legal and socio-economic constraints related to the use of geothermal energy in heating and cooling systems focusing on the situation in Austria
- Coordination of Work Packages, Tasks and Deliverables including editorial responsibility
- Preparation of project reports and scientific publications in English language
- Optional: Support of trainings and similar capacity building activities with a focus on Austrian stakeholders (depending on German language skills)

What we expect:

General requirements

- Academic Master degree, equivalent or higher in geography, geosciences, geophysics or equivalent
- English language at B2 level
- Recommended: German language at B2 level
- EU member state citizenship or unrestricted access to the Austrian job market
- Good repute and full capacity to act

Specific requirements

- Working experience with GIS (ESRI Arc-GIS or similar Open-Source Software)
- Basic experiences in geothermal energy use applications, desirably with a focus on the application in heating and cooling networks
- Experiences in international cooperation or international research projects
- Willingness to travel within Europe
- Interest in scientific publishing
- High degree of self-motivation, self-reliance and ability to work in a team

Desired special skills:

- Basic knowledge of deep hydro-geothermal systems
- Basic experience with databases (e.g. MS Access)

Salary:

Analogous to the federal VB-scheme (v1/1) and depending on background and qualifications of the candidate, but at least EURO 3.289,40 (gross, 14 times per year).

Duty Station and place of employment:

1030 Wien, Neulinggasse 38

Start of employment:

As soon as possible

Working time:

40 hours per week (full time)

Duration of employment:

The contract is limited for two years; new employees go through a probationary period of one month.

More information:

Stefan Hoyer / Head of Competence Unit Geoenergy / stefan.hoyer@geosphere.at

Application:

Interested candidates are invited to send their application documents **until including 31.03.2023** via E-mail to bewerbung@geosphere.at **containing the reference 312/23 in the subject.**

Please enclose the following documents with your application:

- CV
- Motivation letter
- relevant diploma and certificates

The invitation for an interview will be sent to the candidates via E-mail. Please note that GeoSphere will not refund any travel and accommodation expenses for travels to/from Vienna for the interview.

We especially encourage women to apply.

Note that with your application, you expressly agree on processing of your personal data.