

Reference: 313/23

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-Life-Projekt „**GeoBOOST**“

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

The Fit for 55 Package, which outlined policy measures to deliver the EU Green Deal, calls for a greater than 40% target for renewable energy sources by 2030 in the Renewable Energy Directive. Renewable heating and cooling is hampered by ineffective policy measures, institutional barriers, stop-and-go financial support schemes and incumbent power, which has designed markets around fossil fuel utilization rather than capital-intensive renewable heating and cooling solutions. It is of the utmost urgency to unlock historic barriers to the mass deployment of renewable heating and cooling solutions. This is the genesis of the GeoBOOST project. The project will support the implementation of the Renewable Energy Directive and the Energy Efficiency Directive in the EU, by allowing a market uptake of geothermal heating and cooling technologies. GeoBOOST will seek to unlock market barriers for geothermal heat pumps, as they are the most energy efficiency and cost-effective renewable heating and cooling solutions but have often been neglected by policy makers and also by the dedicated market uptake research proposals.

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 GeoBOOST will cover:

- Self-organized fulfillment of all project's obligations of GeoSphere Austria (coordination of Work Packages, Tasks and Deliverables including editorial responsibility)
- Representing GeoSphere Austria and its interests at project assembly meetings
- Communication and interaction with Austrian stakeholders and general support of the project related dissemination activities
- Preparation of project reports and scientific publications in English language

Content-Related Contribution:

- Assessment of market drivers and their interaction with policies related to the use of ground source heat pumps (GSHP) for selected countries in Europe and Austria
- Improvement of market monitoring indicators and mechanisms for GSHPs in Europe
- Development of market monitoring tools and improved statistics in line with current European policies
- Assessment and evaluation of financial incentives for the deployment of GSHPs in Europe
- Improvement of cost-benefit analyses for the use of GSHPs with regard to life-cycle cost and real option value methodologies
- Assessment and analysis of the legal framework and current energy planning strategies as well as energy policies for the deployment of GSHPs in Austria
- Development of policy recommendations towards more supportive boundary conditions for investments into GSHPs

What we expect:

- General requirements
- Academic Master degree, equivalent or higher in geosciences, engineering or economics related to the environmental or energy sector
- English language at B2 level
- German language at B2 level
- EU member state citizenship or unrestricted access to the Austrian job market
- Good reputation and full capacity to act

Specific requirements:

- Experiences in market research
- 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
- Optional: basic experiences in shallow geothermal energy use

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 313/23 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.