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Green Transition with Geothermal Energy

# Accelerating Innovation for a Sustainable Future

The Greet GEO project is an initiative aimed at promoting the green transition through the innovative utilization of geothermal energy. Funded by the European Union under the Interregional Innovation Investments (I3) Instrument, Greet GEO connects experts, regions, and stakeholders to unlock the potential of geothermal energy for sustainable development across Europe.





This project has received funding from the European Innovation Council and SMEs Executive Agency green research and innovation programme under grant agreement N° 101180405.

### Why Geothermal Energy?

Geothermal energy offers a clean, reliable, and sustainable solution to Europe's energy and climate challenges. By tapping into the Earth's natural heat, geothermal energy can provide renewable electricity, heating, and cooling while reducing greenhouse gas emissions. With its dual benefits of environmental and economic impact, geothermal energy is a key driver of the European Green Deal's goals.

## **Our Mission**

The GreetGEO project aims to enhance regional innovation ecosystems, build capacity in less developed and outermost regions, and strengthen cross-regional cooperation to foster the adoption of geothermal technologies. The project promotes sustainable energy practices, creates policy frameworks, and supports innovative small and medium-sized enterprises (SMEs) to become leaders in green energy solutions.







#### Foster Regional Innovation

Strengthen the capacity of SMEs and regional stakeholders to implement geothermal projects.



#### **Promote Sustainable Energy**

Advance the adoption of geothermal energy for electricity, heating, and industrial applications.



#### **Enhance Collaboration**

Build interregional networks to share knowledge, develop value chains, and co-create innovation.

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Develop Policy Frameworks Address regulatory and financial barriers to enable geothermal energy investments.

## Who We Are

The GreetGEO project brings together 10 partners from 8 European countries—Croatia, Hungary, Slovenia, Portugal, Spain, Italy, Belgium, and Ireland—combining regional knowledge and international expertise to drive innovation in geothermal energy and promote sustainable development.

### Get Involved

Join us on our journey to shape a greener future through geothermal energy. Whether you're an SME, policymaker, researcher, or community member, your contribution is vital. Together, we can create innovative solutions for sustainable energy and support a resilient Europe.

### Project Highlights

**Focus Regions:** Central Europe's Pannonian Basin (Croatia, Hungary, Slovenia) and volcanic outermost regions (Azores, Canary Islands).

**Pilots:** Innovative pilot projects in deep and shallow geothermal applications.

**Policy Impact:** Development of Smart Specialization Strategy (S3)-based roadmaps for sustainable innovation.

**Stakeholder Engagement:** Collaboration with policymakers, researchers, SMEs, and local communities.