



Privanova
Research & Consulting

Privanova is part of the GEOFLEXHEAT: a multidisciplinary R&D project run by an international consortium and co-funded by the EU.

The GEOFLEXHEAT project was inspired by the critical need to harness geothermal energy source more effectively. Traditional geothermal systems face significant challenges such as high upfront costs and low thermal efficiency due to the relatively low temperatures of geothermal resources. These issues are compounded by social resistance and a general lack of awareness about its potential. GEOFLEXHEAT addresses these barriers by developing a system that utilizes geothermal heat more efficiently and flexibly.



**Co-funded by
the European Union**

GEOFLEXHEAT

Geothermal extraction and upgrade with flexible usage for industrial heat applications

Budget

€ 2 996 262.50

From 1 October 2024 to
30 September 2027

Consortium

12 Partners from UK, Latvia, Italy, Germany, Iceland, Ireland, Norway, France, Slovenia and Belgium.

Privanova's role

Privanova plays a crucial role in the GEOFLEXHEAT project, focusing on standardization, clustering, intellectual property, legal, and ethical aspects.

Our responsibilities include:

- **Standardization:** Ensuring that the technologies developed are in line with existing standards and can be seamlessly integrated into current systems.
- **Clustering:** Facilitating collaboration with other projects and initiatives to enhance the project's impact and dissemination.
- **IP Management:** Handling intellectual property issues to protect innovations developed within the project and ensuring they can be commercially exploited.
- **Legal and Ethical Oversight:** Ensuring all project activities comply with legal requirements and ethical standards, particularly in terms of environmental impact and sustainability.

Impact

The GEOFLEXHEAT project aims to significantly enhance the efficiency and flexibility of geothermal energy utilization, particularly for industrial applications, by addressing traditional barriers such as high costs, low thermal efficiency, and social resistance.



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