

## Join the Saphea Community!

If you would like to learn more about Geothermal DHC and share knowledge with experts from across Europe, we invite you to follow **SAPHEA Horizon Europe** and also to join our group on LinkedIn: Geothermal district heating and cooling (SAPHEA Horizon Europe).



# SAPHEA



**INTEGRATING GEOTHERMAL HEATING  
AND COOLING NETWORKS IN EUROPE**

### SAPHEA Project Partners



VIA University  
College



AGH UNIVERSITY OF SCIENCE  
AND TECHNOLOGY



TECHNISCHE  
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Vienna | Austria



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the European Union**

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Decarbonizing the heating and cooling sector is central to achieving the EU's energy and climate objectives – according to the European Commission.

Heating and cooling ('HC') accounts for around half of the EU's total energy consumption, but less than 30% of this energy comes from renewable sources.

District heating and cooling ('DHC') has a great potential to decarbonize the HC sector, but currently it represents only 8% of the total final energy demand for HC.

The EU has adopted targets for increasing the use of renewable energy sources in HC by 2030. However, the uptake of renewables needs to be better supported by appropriate policies and regulations, financial incentives and public funding.

The SAPHEA project aims to promote the market uptake of DHC networks that make use of geothermal energy and underground heat storage. This will lead to reduced consumption of fossil fuels and reduced emissions of greenhouse gases.

SAPHEA aims to promote geothermal energy in multivalent DHC networks by developing a digital Market Uptake Hub for GeoDHC. The hub includes a toolbox and a gamebook, plus various reports and guidelines to support stakeholders in early-stage investment decisions and strategic planning.

SAPHEA engages a network of public and private market actors and researchers, including local authorities, community services, and energy suppliers, to ensure sustained results beyond the project's lifetime.

## Discover the Future of Heating & Cooling

→ Visit the SAPHEA Market Uptake Hub

The **SAPHEA Market Uptake Hub** is your one-stop digital platform to explore, plan, and promote geothermal energy integration in multivalent heating and cooling networks.

### What You'll Find ...

- ✓ **Knowledge Base**  
Explore real-world GeoDHC scenarios — new builds, retrofits, and best practices from across Europe.
- ✓ **Interactive Tools**  
Assess geothermal potential, model financial scenarios, and design custom solutions for your city or project.
- ✓ **Strategies & Guidelines**  
Access reports, policy insights, and business models to help shape your strategy with confidence.

[www.saphea.eu](http://www.saphea.eu)

