



**KeepWarm**

Renewing district heating

# Improving the performance of District Heating Systems in Central and Eastern Europe



## Efficient and renewable-based district heating can reliably keep Europe warm.

The KeepWarm project aims to accelerate cost-effective investments in the modernisation of district heating systems (DHS), particularly in Central and Eastern Europe where DHSs are often still old, inefficient and overly-reliant on fossil fuels.

KeepWarm promotes sustainable pathways to retrofit existing DHSs by upgrading their operational efficiency and switching to local renewable excess energy sources.

Project partners have complementary expertise to facilitate the exchange of good practice, so that key stakeholders can boost the competitiveness of local economies and further reduce emissions.

The project's multi-stage approach is tailored in a way that any DHS - from front-runners to more traditional ones - can effectively modernise and decarbonise, thereby accelerating feasible and replicable transitions Europe-wide.



## KeepWarm makes modernising your district heating feasible.

KeepWarm prioritises a step-by-step approach to renovate your district heating system (DHS) in the way, which is most suitable to your context:

**1** Retrofit and optimise DHS networks to increase your grid efficiency

Accelerate the use of nearby renewable energy in heat production **2**

**3** Integrate sustainable excess heat from industrial processes and commercial facilities

Use acceptable waste-to-energy solutions in line with waste-reduction strategies **4**

**5** Deploy smart heat distribution and control systems for a more effective management

KeepWarm trains district heating system (DHS) specialists to streamline their operations to provide more efficient, attractive and reliable services.

Upgraded DHS services should also switch to nearby suppliers of renewable energy and excess heat, boosting the local environment and economy.



**While KeepWarm helps making your DHS more efficient, it is the ideal time to switch to renewable energy.**

Public authorities and agencies at all levels can reach their climate and energy targets by facilitating DHS retrofits to be fully aligned with regulations and integrated into planning processes.

Support to DHS improvements represents a cost-effective, low-risk investment for financial institutions and other investors to also enhance sustainability in the community.

A renovated DHS can supply comfortable and convenient heating services, which match consumers' needs in a transparent and affordable manner.

**KeepWarm empowers stakeholder cooperation for the renewal of your district heating.**



Increase the **expertise** of specialists working on district heating systems (DHS)

Develop viable **business plans** and improve operations



Mobilise funding for bankable **pilot projects** meeting local needs

Exhibit upgraded-DHS **demo cases** replicable all across Europe



Integrate and prioritise actionable DHS-retrofits into key **strategies and plans**



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

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