dyneo.
TECHNOLOGIES

Data-Driven Thermal Networks

November 2024

The Company

Dyneo enhance the operation of thermal networks using AI and advanced analytics technologies. Our mission is to improve the performance, profitability, and sustainability of district heating and cooling networks.

Our Swiss made and Swiss hosted models harness the full potential of your data to support you in optimising your day-to-day operation.

"Data-driven technologies for sustainable and profitable distric heating and cooling networks"

Key Figures

15%
Energy efficency enhancement

15°C
Return temperature reduction with smart detection model.

30%
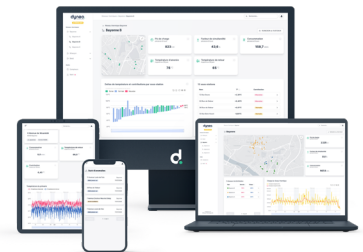Faster issue detection thanks to advenced analytics.

Key Benefits

- Temperature reduction
- Real time Analytics
- Heat loss reduction
- Enforced data quality
- Swiss made

Centralized and valorized data.

Thermal networks play a critical role in the energy transition and the decarbonisation of urban environment. They leverage centralised high-efficiency heat production and optimised its distribution, thereby providing improved energy efficiency and low carbon intensity. However, effective operation of these networks presents significant challenges, particularly in terms of maintenance, responsiveness to variations in demand and integration of renewable energy sources.

The importance of data in this context cannot be underestimated. Dyneo provides a 360° view by collecting multi-source data and providing real time advanced analytics. Thanks to AI powered data technologies, network operators can obtain complete visibility of their infrastructure. Not only does this help to optimise day-to-day operations, but it also enables more accurate long-term planning.

Our platform transforms raw data into actionable insight, helping cities and businesses in making substantial savings, improving energy efficiency and transitioning to more sustainable and resilient heating systems.

Portail web app.dyneo.io

Tailor made pricing.

The pricing is designed to adapt to the specific characteristics of each heating network. It is modulated according to the type of network and the contracted power, guaranteeing a flexible and personalised offer. For both small urban networks and large industrial infrastructures, our pricing model takes into account the specific needs in terms of data volume, the complexity of analyses and energy performance objectives.

This tailor-made approach means that our customers benefit from an optimised solution, adapted to their technical and economic constraints, while ensuring a rapid and tangible return on their investment.

dyneo.ch/form/sales

Contact

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They trust us