



Local training
partners

Making Networks work Better

Heat network optimisation is about delivering the right amount of heat, at the right temperature, at the right time, with minimum energy losses, cost, and carbon emissions. Everything in a heat network system can be optimised – Delta T, Hydraulics, Substations, Heat Generation, etc.

The question is how, and where to start.

Online

VET Courses

Optimising Heat Networks

Priorities – Technologies – Applications – Skills

[Date & Time]

[More information and Registration](#)

Course Focus:

This micro-credential explores the challenges, technologies, application areas, and skills related to optimising performance in heat networks. Topics addressed include solutions and practices for reducing supply and return temperatures and losses, improving hydraulic control, and matching generation to demand. The course also introduces digital solutions for building smarter networks.

Course Format:

This micro-credential will consist of X modules delivered in 1-to-1.5-hour sessions, with each session including one or more special guest speakers. Learning will be grounded in real-world case studies involving speakers with operational experience in the field. The course will include multiple examples on successful and less useful approaches.

Course Content *(further details on page 2-)*

The course consists of X online weekly sessions. Topics addressed include:

Examples on areas in focus

- Lower supply and return temperatures
- Hydraulics and Substation optimisation
- Thermal Storage and Sector Coupling
- Real time optimisation of sourcing
- Demand-side forecasting and optimisation

Key Technologies

- Hardware
- Software
- Combined kits

Application Areas

- Where to apply
- Reference Cases

Skills

- Competences required
- Local Capacity Building

Targeted Participants

The course is designed to provide an intro to the whys and hows to decarbonise heating

- *Training providers* at technical colleges and universities
- *Experienced professionals* interested in reskilling courses before entering the DHC sector
- *Young talent* aiming to develop a career in the DHC industry – both vocational and professional
- *Decision makers* in politics, industry, finance, etc. aiming to increase their understanding of the sector
- *Local Supply Chain* aiming to broaden their scope of products and services in the DHC sector
- *Representatives from media*, industry organisations, NGOs, and the broader public.