



Let's Decarbonise Heating by replicating best practice.

Cities across Europe are intensifying efforts to decarbonise urban infrastructure. The climate crisis has long been the main driver; however, the rising cost of energy has shined a new light on the need to decarbonise now. The market has suddenly moved from push to pull and the pressure on city planners to deliver is only growing.

To secure swift delivery of affordable and high performing sustainable heating solutions it is crucial to increase international collaboration on a practical level – sharing best practice, developing local skills and facilitating access to new technologies. This will also reduce costs and risks and help communities maximise broader socio-economic benefits including generating growth, jobs and local welfare.

In person
Session

Decarbonising Heating Technologies & Best Practice

Workshops & Study Visits

8-9 March – Helsingborg, Sweden

register@heatacademy.eu

The City of Helsingborg is well underway on the journey towards net zero greenhouse gas emissions by 2035. Waste, water, and energy are key areas in focus. Recycled energy, captured and distributed through district heating and cooling networks, combined with efficient waste management and enhanced building efficiency, are critical components in making this possible.

At this 2-day workshop we will highlight the strategy and solutions for decarbonising Helsingborg. You will meet with political leaders, energy operators, developers, end-users and other key stakeholders, all sharing their experiences on best practice, as well on things to avoid. In addition you will get a chance to get a first-hand view of key installations such as EfW, CCS, heat networks and energy efficiency retrofit solutions. **Topics addressed** include

Conserve

- Energy Efficiency retrofit
- Digital technologies
- Old buildings

Connect

- Reducing network temperature
- Network asset management
- Securing buy-in - tariffs

Convert

- Energy-from-Waste
- Industrial waste heat
- Bioheat



Topics Addressed

Objectives

POLITICAL AGENDA
Net Zero, and Beyond

- KPI – key performance indicators
- Socio-Economic Benefits
- Regulatory framework
- Visualisation Tools

Strategy

ROADMAP
Overall Decarbonisation Plan

- Overall strategy and Milestones
- Innovation, Standardisation, Procurement
- Priorities and Solutions
- Collaboration & Exchange of best practice
- Business Model and Commercial Strategy
- Capacity Building in local supply chain
- Stakeholder Engagement & Communication Strategy
- Training and attracting best talent

Solutions

CONSERVE
Reducing Energy Demand & System Temperature

- Energy Efficiency retrofit/new
- Digital technologies
- Old and Historic buildings

Study Visits

Industrial building – Energy Efficiency Retrofit



Heated warehouse – New Build



CONNECT
Accessing external heat sources through heat networks

- Reducing network temperature
- Network asset management
- Securing buy-in - tariffs

Study Visits

Heat Network installations

Supplier Showroom – latest technologies

REKO lab - Helsingborg

CONVERT
Further Decarbonising Heat Sourcing as networks expand

- Energy-from-Waste / CCS
- Industrial waste heat
- Bioheat

Study Visits

Energy-from-Waste unit, Helsingborg



Bio Heat Plant

Industrial Waste Heat

Capacity building services to accelerate decarbonisation of Heating and Cooling

Heat Academy International and its related activity areas enable cities, companies, and institutions to accelerate investments in solutions to decarbonise heating and cooling and to meet overall net-zero targets by 2050. This is achieved through a range of services specially tailored to assist in the process of rapidly developing local capacity to deliver affordable decarbonisation solutions at scale.



HEATNET GLOBAL is a pan-European network developed to address the rapidly emerging capacity gaps in the supply chain of systems and services related to sustainable heating and cooling solutions. The company offers a range of services to facilitate access to new markets. These services include market research, recruitment, match-making activities, establishment of local business hubs, and modular platforms. By introducing its extensive network of well-connected local partners to targeted markets, Heatnet Global strengthens the global supply chain of sustainable heating and cooling solutions.



THE HEAT ACADEMY is an international training, collaboration and innovation platform offering a modular training concept on a broad range of topics related to decarbonisation of heating and cooling. Fully independent and non-for-profit, the Heat Academy is based on a collaborative model involving partnerships with local colleges, universities, public institutions, energy operators, investors, and the wider supply chain. Following its mission to address the competence and capacity gaps in the sector, The Heat Academy facilitates collaboration through the sharing of best practice, technologies and reference cases.



NORDIC HEAT is an independent advisory and resource pooling service offering strategic and operational services designed to speed up the delivery of projects to decarbonise heating and cooling. By sharing the extensive operational know-how and experiences accumulated in the Nordic countries over the past 50 years, Nordic Heat assists key stakeholders reduce risks, while increasing the environmental and financial returns of investments.

Training Centres and Business Hubs



Contact

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Let's Decarbonise. Together.