



Let's Decarbonise Latvia. Together.

Latvia is accelerating the process of decarbonising heating. Significant investments are underway to increase energy efficiency, up-grading heat networks, and to replace fossil fuels for heat generation.

To speed up this transition it is crucial to increase international collaboration on a practical level – sharing best practice and reference cases, developing local skills, and facilitating access to new technologies. This will not only reduce costs and risks, but also generate growth, jobs and local welfare. At this session we will highlight the latest strategies and technologies in the areas of building efficiency, heat networks and heat sourcing. Particular focus will be given to heat pumps and urban waste heat.

Hybrid
Session

Conserve – Connect – Convert Decarbonising Heating – Technologies and Best Practice

23 February - Riga

register@heatacademy.eu

Agenda

Introduction – Decarbonising Heating

- Objectives, Challenges and Priorities
- Trends – Local and International Outlook
- Strategy – Conserve, Connect, Convert
- Capacity Building – Skills and Technologies

Conserve – Building Efficiency

- Legislation and market requirements
- Market Potential and Drivers
- Solutions and Strategies
- Best Practice and Reference Cases

Connect – Heat Distribution

- System Design – Digitalisation
- Optimisation and Monitoring
- Reducing System temperatures
- Asset Management and refurbishment

Convert – Heat Sourcing

- Heat Pumps, including Hybrid solutions
- Industrial Waste heat
- Recovering urban waste heat, PV panels
- Best Practice and Reference Cases

The sessions will involve speakers from local and international energy companies, universities, engineering consultants, developers and technology providers



Agenda

Time	Topic	Speakers
08.30 – 09.00	Registration + Coffee	
09.00 – 09.30	Introduction – Decarbonising Heating. <ul style="list-style-type: none"> Objectives, Challenges, Priorities Trends – Local and International Outlook Strategy – Conserve, Connect, Convert Capacity Building – Skills and Technologies 	Jelena Tihana Aleksandrs Zajacs Riga Technical University Peter Anderberg Heat Academy
09.30 – 10.45	Conserve – Energy Efficiency <ul style="list-style-type: none"> Legislation and market requirements Market Potential and Drivers Solutions and Strategies Best Practice and Reference Cases 	Peter Anderberg Jonathan Karlsson Heat Academy Various solution providers
10.45 – 11.00	Coffee	
11.00 – 12.30	Connect – Heat Distribution <ul style="list-style-type: none"> System Design – Digitalisation Optimisation and Monitoring Reducing System temperatures Asset Management and life extension 	Peter Anderberg Alain Routier Heat Academy Various solution providers
12.30 – 13.15	Lunch	
13.15 – 15.15	Convert – Heat Sourcing <ul style="list-style-type: none"> Heat Pumps, including Hybrid solutions Industrial Waste heat Recovering urban waste heat Best Practice and Reference Cases 	Peter Anderberg Jonathan Karlsson Heat Academy Various solution providers
15.15 – 15.30	Coffee	
15.30 – 17.00	PV Panels Recap – Q&A – Next Step	Various solution providers All

Topics Addressed

ROADMAP – Overall Decarbonisation Plan <ul style="list-style-type: none"> Objectives, Challenges and Priorities Trends – Local and International Outlook Strategy – Conserve, Connect, Convert Capacity Building – Skills and Technologies 		
CONSERVE – Reducing Energy Demand and System Temperature <ul style="list-style-type: none"> Legislation and market requirements Market Potential and Drivers Solutions and Strategies Best Practice and Reference Cases 	CONNECT – Accessing external heat sources through heat networks <ul style="list-style-type: none"> System Design – Digitalization Optimization and Monitoring Reducing System temperatures Asset Management and refurbishment 	CONVERT – Further Decarbonising Heat Sourcing as networks expand <ul style="list-style-type: none"> Heat Pumps, including Hybrid solutions Industrial Waste heat Recovering urban waste heat, PV Best Practice and Reference Cases

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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