**DAY 1:**

**Study Tours**

**Helsingborg**

**15th JUNE 2022**

**WEDNESDAY**

**13:00 • 16:00**

**Meeting Point**

Hotel Marina Plaza, Helsingborg.

**Description**

Two unique site visits will be planned, each with the purpose of exhibiting the city’s DHC system.

- **Visit 1**
  - Öresundskraft Helsingborg DHC system
  - Large Waste-to-Energy (CHP) plant and large-scale capture of industrial surplus heat.
  - Tour and demo of H22 city expo (Ocean Port)

- **Visit 2**
  - Newly built H22 city district
  - Demo of Tornet (seasonal storage thermal boreholes charged by DH) System for data driven predictive maintenance of pipe network.

**DECARBONISE HEAT – LOW-TEMPERATURE DHC AS A KEY SOLUTION FOR DECARBONISING THE HEATING AND COOLING SECTOR**

**15TH – 17TH JUNE, 2022 | HELSINGBORG, SWEDEN**
**DAY 2:**

**Open Conference**

Decarbonise Heat

*16th JUNE 2022 THURSDAY*

**09:00 • 17:00**

**Location**

Hotel Marina Plaza, Helsingborg.

**Morning Session**

Smart DHC Networks

*09:00 • 12:00*

The European energy transition is facing many challenges, including the decarbonisation of its heating and cooling sector. Today, the sector is hugely dependent on fossil fuels, which are used to fuel both individual boilers and large-scale heat production plants. DHC, geothermal energy storage and heat pumps are among the leading solutions that offer an alternative way to supply heat. Combinations of the technologies are likely to often happen in the future, for instance in DHC systems including seasonal storage and reversible heat pumps.

How can the heating and cooling industry handle enormous investments in infrastructure but at the same time preserve and modernise existing ones?

**Agenda & Speakers**

**Opening remarks & moderation**

Jack Corscadden – Project Officer, Euroheat & Power

**Panel discussion**

How do we optimize the capture and storage of low-quality surplus heat and the flexible use and supply of electric power to mitigate peak power demand?

**Technologies to empower a new generation of DHC networks and modernise existing ones**

- Demand side management and remote fault detection of individual heat pumps
  - Per Ola Persson – CEO, Easyserv
  - Andreas Martsman VP – Business Development, CarboSeal

**Preservation of existing network assets by relineing with carbon fibre composites**

- Andreas Martsman VP – Business Development, CarboSeal

**Lunch**

*12:00 • 13:00*

**13:00 • 17:00**

**Afternoon Session**

REWARDHeat DHC Investor Perspectives

Following the success of the online workshop which took place in June 2021, the next workshop in the REWARDHeat investor series will further explore the current investment landscape and the opportunities for attracting institutional investors to low temperature DHC networks. The project seeks to turn these networks into a new asset class, making modern district energy solutions a profitable investment opportunity, while contributing to the achievement of EU climate targets.

The event will showcase international examples of successful green field investments, with a discussion on how these cases can be replicated across Europe. These examples will be compared with the Swedish case, where DHC network ownership is diverse, and the market is highly competitive, resulting in challenging conditions for investing in new networks.

The second part of the workshop will take a closer look at the REWARDHeat demonstrator networks as potential investment opportunities. Indepro and SEC will deliver a pitch to a panel of financial experts, who will provide feedback, outlining their investment needs and requirements. This will be followed by an open discussion on DHC, as a sustainable asset class and steps that can be taken to address investor needs.

**Agenda & Speakers**

**Opening remarks & moderation**

Kristina Lygnerud – Energy Department Manager, IVL

**Key note speech**

- Anders Ericsson – CEO, Värmevärden/Adven
- Tobias Popovic – Professor of Business Administration, HFT Stuttgart

**Panel discussion**

- Allister Sykes – Director, Asper Investment Management
- Anders Östlund – CEO, Öresundskraft
- Matthias Schmidt – Senior Manager, Deloitte

**Pitch session by REWARDHeat demonstrator networks**

- Håkan Knutson – Managing Director, Indepro
- Lilli Wolny – Project Manager, Szczecińska Energetyka Ciepła (SEC)

**Feedback from financial experts**

- Georg Inderst – Principal, Ingersted Advisory
- Frieder Olfe – Head of Business Development, Imug Rating
- Peter Dahl – Investment Manager, Polhem Infra

**Open discussion and Q&A**

**Day 3:**

**Study Tours**

**Lund**

*17th JUNE 2022 FRIDAY*

**09:00 • 12:00**

**Meeting Point**

Hotel Marina Plaza, Helsingborg.

**Description**

Two distinct site visits will be arranged, each with the goal of demonstrating the city’s DHC system in Lund. Transport will be provided from Helsingborg to Lund.

- **Visit 1**
  - Brunnsäg low temperature DH network, capturing excess heat from ESS (European Spallation Source) by Kraftringen.

- **Visit 2**
  - Medicon Village ectogrid by E.ON, capturing and balancing excess heat from buildings and supply of heating and cooling.

**Register Here:**

https://forms.gle/H13AmjEbdqTijStKA

**Link to H22 City Expo:**

https://www.h22cityexpo.com/