

Welcome to INTREPIDH-webinar

THE TECHNOLOGY BEHIND PROCESS HEAT BASED ON DISTRICT HEATING

Program

Introduction to the Best Practice Catalogue	Rasmus R. Fahrendorff, NIRAS
Integrating district heating into industrial processes: practical approaches	Christian Skoudal Løth, NIRAS
Technical integration of heat pumps in process industry: tailor-made solutions.	Tage Petersen, Nilan
Industry decarbonisation with process integration, electrification and district heating: a systematic approach.	Dr. sc. Stanislav Boldyryev, University of Zagreb
Q&A and upcoming webinars	

PROCESS INDUSTRY & DISTRICT HEATING

A new type of collaboration across sectors can make the green transition in Europe more affordable



- Understanding its huge potential for Europe
- Challenges and recommendations
- Learning from best practices: 12 case studies across Europe lead the way



Funded by
Danish Energy Agency

12 CASE STORIES ACROSS EUROPE

The cases in this catalogue display 12 success stories of how process heat based on district heat works. The cases are coming from five different countries and display a variety of possibilities.



NORWAY

1. High-temperature heat pump uses district heating to produce steam

DENMARK

2. Fifteen years of smooth daily operation
3. Meat producer helps to bring district heating to three villages
4. District heating utility reaches out to local industries
5. Partnership exchanges both waste and process heat

GERMANY

6. Heat infrastructure connects steel to beer
7. Transitioning steam production for the adjacent industry

FRANCE

8. Strasbourg port supplies industry with recovered heat
9. Seasonal seed drying with district heating in Pierrelatte
10. Farmea's pharma production site balances Angers' summer heat load
11. Industrial heat that revolutionised urban heating in Grenoble

CROATIA

12. District heating delivers 260°C steam to brewery in the heart of Zagreb

Upcoming webinars

03.12.2025
10.00 CET

1. Highlights from the best practice catalogue

We explain what process heat based on district heating is, examine its potential in Europe, and explore the stories behind some of the cases in the catalogue. [Read more](#)

Presentations

- [Intro](#)
- [Coriance](#)
- [Arla](#)

13.01.2026
10.00 CET

2. The technology behind process heat based on district heating

In this webinar, we zoom in on the technical concerns and aspects of suitable temperatures, combinations with high-temperature heat pumps, and grid connections. [Read more](#)

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27.01.2026
14.00 CET

3. What the history of district heating tells us about industry and infrastructure

Why has society invested in district heating in the past? What is the impact of having a city-wide infrastructure for heat? Join us as we learn from the past and look toward a future with tight integration between industry and district heating. [Read more](#)

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MARCH
2026

4. Municipalities as the catalyst that brings industry and DH together

In this webinar, we explore the role of municipalities. They already play an essential role in heat planning and business development, so can they take that a step further and combine the two through strategic energy planning?

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APRIL
2026

5. Looking from the industrial perspective – what are the main points?

Balancing competitiveness, climate goals, and public image is not an easy task for the European industrial sector. We dive into the concerns and opportunities to investigate what is needed to motivate and support the industrial sector to collaborate with DH utilities and municipalities.

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JUNE
2026

6. DH utilities reaching out

It is the DH infrastructure that can provide local businesses with both space heating and the reuse of surplus heat, and the supply of process heat. Learn from experience and get recommendations for how utilities can succeed in reaching out to nearby industrial companies.

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JULY
2026

7. Quantify the benefits with techno-economic analyses

It is possible to model and quantify the economic and environmental impact of different technical solutions. Guests from the RAPIDH project explain how modelling supports investment decisions in both industry and DH companies, and how to get far even when the available data is limited.

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SEPT.
2026

8. Highlights and final recommendations from INTREPIDH

We take stock and invite stakeholders to discuss the next steps needed in Germany, France, Denmark, and the rest of Europe.

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