

2nd SPIRIT Webinar

“Fostering the decarbonization of industry with large-scale heat pumps: case studies and real-world applications”



Fostering the decarbonization of industry with large-scale heat pumps: case studies and real-world applications

28 June 2023 | 10.00 - 12.00 CET

 

 Funded by the European Union

This project has received funding from the Horizon Europe Research and Innovation Programme under Grant Agreement No. 101069672

Date and time: Wednesday, 28 June 2023, 10:00 – 12:00 CEST

Videoconference Platform: Teams Webinar

Organiser: European Heat Pump Association

Registrations: 195

Attendees: 133



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Work Package and Task: WP6 – Dissemination and Raising Awareness; Task 6.2 – Key messages and communication tools

Background and aim of the webinar

In order to achieve the EU's target of a net-zero economy by 2050, decarbonising our industrial heat supply is a top priority.

Industrial heat pumps can use renewable energy from air, water or ground but also waste energy from buildings and processes to provide heating and cooling. Users of heating and cooling in many industrial processes can benefit economically from a most efficient use of energy while providing a significant benefit towards emission reduction and air quality.

This webinar will dive into the benefits of high-temperature heat pumps and it will showcase some examples of real-world applications in industrial facilities. The event is organized within the framework of **SPIRIT**, EU project funded under the Horizon Europe Programme, aiming at fostering the uptake of the heat pump technology in the food & beverage and paper & pulp industries.

Speakers

					
Sonia Bianconi European Heat Pump Association	Benjamin Zühlsdorf Danish Technological Institute	Christof Fleischmann Spilling Technologies	John van Rooijen GEA Heating & Refrigeration Technologies	Sander Geelen Geelen Counterflow	Vincent Grass Nestle

Agenda

10:00–10:10

Welcome and introduction of the SPIRIT Project by **Sonia Bianconi**, European Heat Pump Association (EHPA)

10:10 – 10.25

Opening Statement by **Benjamin Zühlsdorf**, Center project manager at the Danish Technological Institute (DTI)

- Presentation title: “High-Temperature Heat Pumps – Development perspectives and demonstration activities”



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10:10–11:55

Presentations and Panel Discussion moderated by Sonia Bianconi with:

- **Christof Fleischmann**, Sales Engineer at Spilling Technologies GmbH
 - Presentation title: “Heat Pump + Steam Compressor: Ideal Combination to Supply High-Pressure Process Steam”
- **John van Rooijen**, Development Manager Sustainable Energy Solutions at GEA Heating & Refrigeration Technologies
 - Presentation title: “A factory with huge dreams”
- **Sander Geelen**, CEO at Geelen Counterflow
 - Presentation title: “Electric drying with industrial heat pumps”
- **Vincent Grass**, Global Refrigeration Leader at Nestlé
 - Presentation title: “From Emissions to Solutions: Harnessing Heat Pumps with Natural Refrigerants for Sustainable Food Industry Decarbonization”

11:55–12:00

Closing of the event by Sonia Bianconi

Link to the event on EHPA Website: <https://app.ehpa.org/#/event-details:96>

Link to the event on SPIRIT Website: <https://bit.ly/3NEnubV>

Number of posts on social media promoting the event by EHPA:

LinkedIn & Twitter	
Before the event	8 (3 general, 5 personalised)
During the event	5 (personalised)
After the event	1 (with links to recording and presentations)

Post-webinar materials:

Recording: <https://www.youtube.com/watch?v=2Veh4Gx6COY&t=49s>

Master Presentation: [here](#)

News article: https://www.ehpa.org/2023/06/28/ehpa_news/large-heat-pumps-the-future-proof-technology-for-the-new-industrial-revolution/



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