



**INDUSTRIAL
HEAT PUMPS**

27—28TH NOVEMBER

INTERNATIONAL CONFERENCE
ELECTRIFICATION
STARTS HERE

STRATEGY | TECHNOLOGY | NETWORKING | WORKSHOPS

C1+C2 MAIN STAGE

C3 PANEL DISCUSSIONS

D8 WORKSHOPS

09.00

Strategy outlook for large heat pumps

Opening speech

09.05

Rocky Road to Net-Zero

09.30

Revolutionizing the EU energy system with heat pumps: trends and opportunities

09.50

The Heat Pump Wave: Drivers and Challenges

10.10

The magical power of Storytelling

10.30

COFFEE BREAK I.

COFFEE BREAK I.

11.00

Panel discusion

Electrification of heat: The time has come

12.00

LUNCH

LUNCH

13.00

Heat Pumps for District Heating

Large scale air source heat pumps for District Heating – experiences made on MW heat pumps

13.25

Heat pumps with solution cycle – experiences and areas of applications

13.50

Heating and cooling for large hospital campus area

14.10

Large Scale Heat-Pump & Heat-Storage Solutions

14.30

COFFEE BREAK II.

COFFEE BREAK II.

15.00

A novel heat pump configuration for very cold weather district heating

15.25

Large-scale heat pumps – three key projects paving the path to green district heating in Germany

15.50

MEGA Heat-Pumps for District Heating

16.00

Experience with the permitting of flammable, natural refrigerants in large heat pumps

16.40

Large scale air source heat pumps – opportunities and challenges

17.00

**Decarbonising
the industry
- why it matters?**

**Design
& guidelines for
CO₂ and propane
heat pumps**

**Industrial
Electrification
Action plan**

**Blifinger Energy
Transition
Solutions**

09.00

Strategy outlook for large heat pumps EN CZ

09.05

Petr Hladík
Ministry of the Environment of the Czech Republic

Opening speech

09.30

Michael Liebreich
Liebreich Associates

Rocky Road to Net-Zero

09.50

Paul Kenny
European Heat Pump Association

Revolutionizing the EU energy system with heat pumps:
trends and opportunities

10.10

Jonathan Volt
JRC, European Commission

The Heat Pump Wave: Drivers and Challenges

10.30

David JP Philips
David JP Philips

The magical power of Storytelling

11.00

COFFEE BREAK I.

Michael Liebreich
(moderator)
Liebreich Associates

Martin Bursik
Czech Renewable Energy Chamber, city of Prague

Henry Lawson
EcoPragma Capital LLP

Sander Geelen
Geelen counterflow

Luigi Gigliotti
McKinsey & Company

Panel discussion

Electrification of heat: The time has come

12.00

13.00

Heat Pumps for District Heating EN CZ

René Mulvad

Exodraft Energy

Large scale air source heat pumps for District Heating
– experiences made on MW heat pumps

13.25

Guenther Hein

AGO Energie & Anlagen

Heat pumps with solution cycle – experiences and areas of applications

13.50

Kenneth Hoffmann

GEA Heating & Refrigeration

Heating and cooling for large hospital campus area

14.10

Stephan Hofmaier

Bilfinger Industrial Services

Large Scale Heat-Pump & Heat-Storage Solutions

14.30

COFFEE BREAK II.

15.00

Dr Wissam Rached

Honeywell

A novel heat pump configuration for very cold weather district heating

Simon Lintu

Fortum

15.25

Jochen Schafer

SIEMENS Energy

Large-scale heat pumps – three key projects paving
the path to green district heating in Germany

15.50

Raymond C. Decorvet

Man Energy Solutions

MEGA Heat-Pumps for District Heating

16.15

Sophie Worofka

Strabag & Atlas Copco

Experience with the permitting of flammable,
natural refrigerants in large heat pumps

16.40

Kim Christensen

FENACY

Large scale air source heat pumps – opportunities and challenges

17.00

13.00

Decarbonising the industry - why it matters? EN

Benjamin Zühlsdorf (moderator)

Danish Technological Institute

Arjun Arya

Philip Morris International

Dominique Silva

Trane Technologies

Martin Sauer

Ministry of the Environment of the Czech Republic

Rossen Ivanov

Armstrong International

14.30

COFFEE BREAK II.

15.00

Industrial Electrification Action plan EN

Sem Oxenaar (moderator)

Regulatory Assistance project

Daniel Galis

World Business Council for Sustainable Development

Jeroen Koot

Heaten

Tomas Vorisek

SEVEn Energy

Dolf Joeke

AtmosZero Europe

16.30

13.00

Design & guidelines for CO₂ and propane heat pumps (EN)

Kim G Christensen
Raffaele dal Pozzo
Filip Tesar

sCOP

14.30

COFFEE BREAK II.

15.00

Bilfinger Energy Transition Solutions (EN)

Stephan Höflmaier
Christian Hofer
Martin Dittrich
Martin Papez

Bilfinger Industrial Services

16.30

C1+C2 MAIN STAGE

C3 PANEL DISCUSSIONS

D8 WORKSHOPS

09.00

High temperature Heat Pumps for Industry

Annex 58 - critical mass reached!

09.25

Circular ThermalSM – Efficiently Integrating High-Temperature Heat Pumps in Industrial Processes

09.50

Industrial Heat pumps, the solution to decarbonize heat up to 200°C in the MW range

10.10

Towards the decarbonization of industrial processes and district heating networks through large heat pumps

10.30

COFFEE BREAK I.

11.00

The HoegTemp – the simple system integration and interaction with thermal storages

11.25

Electrifying Industrial Heat: The Role of High-Temperature Heat Pumps in a Carbon-Free Future

11.45

LUNCH

13.00

Heat Pump Components, Sector Coupling

The New Rotational Heat Pump for High-Efficiency Waste Heat Utilization: Exergetic Advantages When the Cycle Matches the Application

13.25

Accelerating and de-risking large heat pump control and system design with transient system simulation

13.50

Geothermal booster with absorption heat exchanger

14.15

Circular Energy with E.ON ectogridTM

14.35

**Heat Pumps
in District Heating
market: Czech
outlook**

**Industrial heat
pumps in CTU
UCEEB research
projects**

**Heat Pumps
Flexibility:
Decarbonisation
holy grail**

**Heat Pump
integrated District
Heating scheme**

COFFEE BREAK I.

LUNCH

09.00

High Temperature Heat Pumps for Industry EN CZ

Benjamin Zühlsdorf

Danish Technological Institute

Annex 58 - critical mass reached!

09.25

Rossen Ivanov

Armstrong International

Circular ThermalSM – Efficiently Integrating High-Temperature Heat Pumps in Industrial Processes

09.50

André Bechem

Heaten

Industrial Heat pumps, the solution to decarbonize heat up to 200°C in the MW range

10.10

Davide Rizzi

Turboden SpA

Towards the decarbonization of industrial processes and district heating networks through large heat pumps

10.30

COFFEE BREAK I.

11.00

Arne Høeg

Enerin

The HoegTemp – the simple system integration and interaction with thermal storages

11.25

Andreas Mück

Sustainable Process Heat GmbH

Electrifying Industrial Heat: The Role of High-Temperature Heat Pumps in a Carbon-Free Future

11.45

13.00

Innovative technologies, Sector Coupling EN CZ

Gerald Zotter

ecop Technologies GmbH

The New Rotational Heat Pump for High-Efficiency Waste Heat Utilization:
Exergetic Advantages When the Cycle Matches the Application

13.25

Moritz Hübel

Modelon

Accelerating and de-risking large heat pump control
and system design with transient system simulation

13.50

Radek Begeni

Sokra

Geothermal booster with absorption heat exchanger

14.15

Niklas Johansson

E.ON

Circular Energy with E.ON ectogrid™

14.35

09.00

Heat Pumps in District Heating market: Czech outlook (CZ)

Milan Simonik (moderator)

Exergie.CZ

Jiri Vecka

Czech District Heating Association

Tomas Vorisek

SEVEn Energy

Jiri Gavor

ENA, ANDE

David Onderek

EP Infrastructure

10.30

COFFEE BREAK I.

11.00

Heat Pumps Flexibility: Decarbonisation holy grail (EN)

Jan Hicl

Delta Green

Adeline Houtart (moderator)

European Heat Pump Association

Joachim Dias

ERM

Ivan Rangelov

Danfoss Climate Solutions

Stephan Höflmaier

Bilfinger Industrial Solutions

12.00

09.00

Industrial heat pumps in CTU UCEEB research projects (EN)

Nikola Pokorny
Tomas Matuska
Jan Spale

CTU UCEEB

10.30

COFFEE BREAK I.

11.00

Heat Pump integrated District Heating scheme (CZ)

Tomas Miklik
Milan Simonik

Exergie.CZ

12.00

Gold Partner

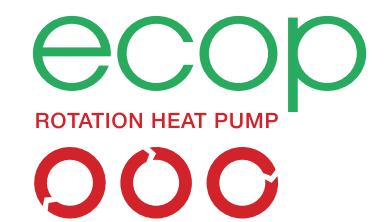


BILFINGER

Main strategic partners



Silver Partners



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Media



X INDUSTRIAL HEAT PUMPS

27—28TH NOVEMBER

VENUE LOCATION



O₂ universum

BANQUET WITH ENTERTAINMENT



MOON CLUB

27 NOV 2024 19.00—00.00

MORE INFORMATION AND EVENT REGISTRATION

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