

MORE HEAT OUT OF HEAT

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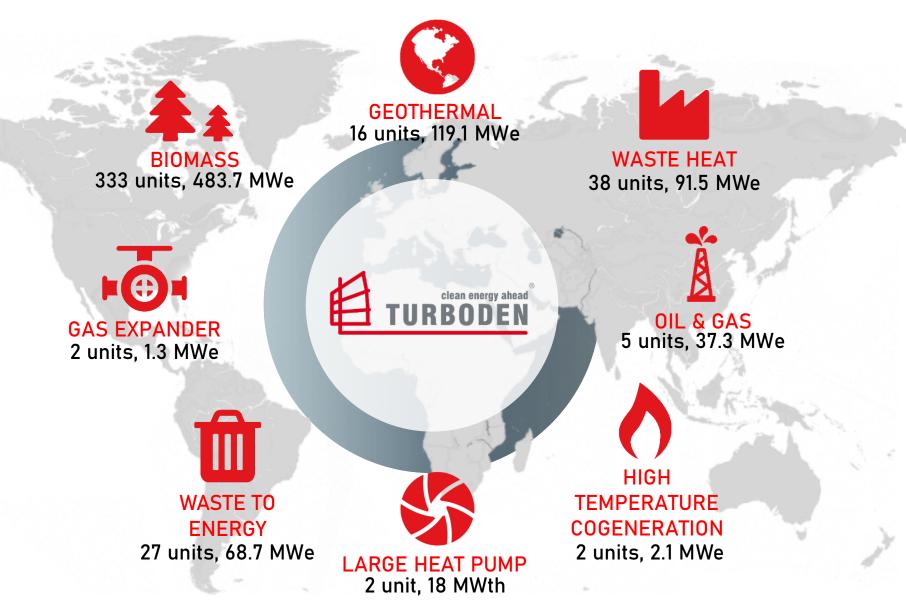
### **SINCE 1980**

Turboden is an Italian firm and a global leader in the design, manufacture, and maintenance of **Organic Rankine Cycle (ORC) systems**, highly suitable for distributed generation, which produce electric and thermal power exploiting multiple sources.

Thanks to its long experience in the energy efficiency sector, today Turboden expands its solutions offering with **gas expanders** and **large heat pumps**.

# MOVE THE WORLD FORW>RD

## GLOBAL AND PROVEN EXPERIENCE





50 countries With 430+ installations Installed power 750+ MWe Electric power generated 25 thousand GWh

Experience in over

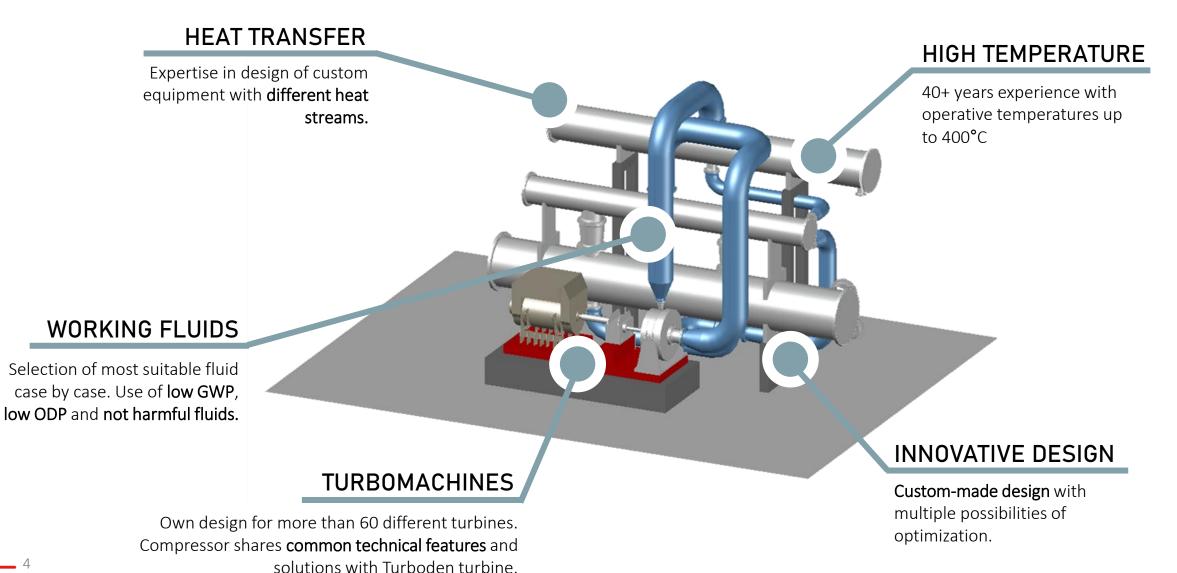
Cumulative operation time **19 million** hours

Average availability 98.4%

Last update: January 2023

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## TURBODEN EXPERTISE APPLIED TO LARGE HEAT PUMPS



clean energy ahead

## HOW TO DECARBONIZE PULP&PAPER INDUSTRY: TURBODEN CONCRETE SOLUTION

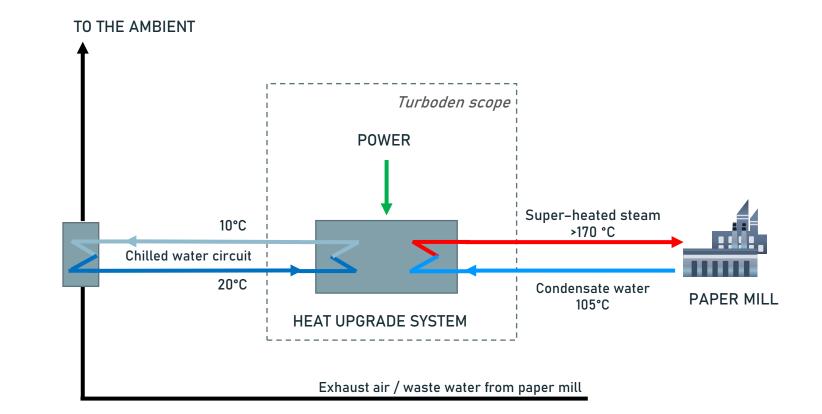


#### **PROJECT FEATURES**

- Project Name: UNDISCLOSED
- Client: UNDISCLOSED
- Country: Northern Europe
- Status: under construction
- Size: 12 MWth

#### **TECHNICAL FEATURES**

- Delivery: superheated steam at >170 °C
- Turboden scope: EPC
- Centrifugal compressor from MHI
- LHP working fluid: hydrocarbon



### MEET OUR SPEAKER



### **EMANUELE PINGARO**

Sales and Business Development Manager – Large Heat Pumps <u>emanuele.pingaro@turboden.it</u>

# Thank you!

Let's accelerate the transition to a world powered by low-carbon technologies









### OUR EXPERIENCE. YOUR POWER.

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