

What's needed to boost uptake?

01

Economics

Taxes & energy costs that boost electrification

Support industries that decarbonise their processes

Access to low-interest loans and guarantees

02

Regulation

Clear policies and financial frameworks, including targets

Require electrification of industrial processes in permitting and licensing of new and renovated industries

03

Energy system

Ensure priority grid access

Encourage grid investments

Support and factor in the flexibility of heat pumps

04

Knowledge

Develop guidelines for industrial heat pump implementation

Funding for industrial audits

Include industrial heat pumps in EU plans

05

Waste heat

Make waste heat use mandatory

Ensure on-site waste heat recovery is included in relevant legislation

EU-funded projects on industrial heat pumps



SPIRIT

Push2Heat

The European Heat Pump Association -
the voice of the heat pump sector in Brussels



#HeatPumps4Industry
#IndustrialHeatPumps



Join us on
21 October!

www.ehpa.org

heat-pump-day.org



What do industrial heat pumps do?



Powering Europe with industrial heat pumps



They replace gas in manufacturing processes at up to **200°**



They save energy (heat pumps are super **efficient** and can even use waste heat)

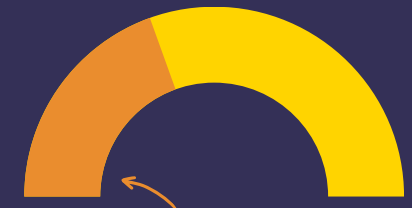


They could avoid up to **146 megatonnes of CO2 emissions** in a year across Europe*

*With full roll-out of current large heat pump technology across all feasible industries

European technology supplies **+60%** of the European heat pump market*

*Residential, commercial and industrial heat pumps.



Heat pumps can meet **37%** of industry's process heat demand

Electrification

Energy efficiency

Energy security

Decarbonisation

Heat pumps contribute to EU climate and energy targets



Paper; wood; dairy; food & drink; textiles industries - *all using industrial heat pumps!*



Moo-re

A French paper factory dries pulp by using **waste energy**, replacing gas with a **140°C heat pump**.

Photo: Shutterstock

A UK chemical plant is **recycling excess steam** with heat pumps, saving 14,000 tonnes of CO2 per year!

Photo: Spilling

A French pasta company started cooling with **heat pumps**, cutting **heating costs** by 68%.

#HeatPumps4Industry
#IndustrialHeatPumps

Photo: Trane

A dairy factory in Norway is saving **40% electricity** thanks to a **heat pump** and **rooftop solar panels**.

Photo: TINE SA