

# 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

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



#HeatPumps4Industry  
#IndustrialHeatPumps



Join us on 21 October!

[www.ehpa.org](http://www.ehpa.org)

[heat-pump-day.org](http://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)

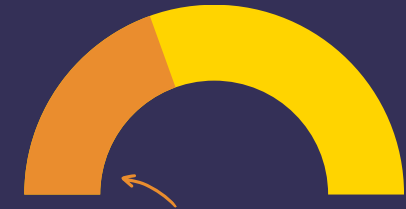


They could avoid up to **146 megatonnes of CO2 emissions** in a year across Europe\*

\*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!*

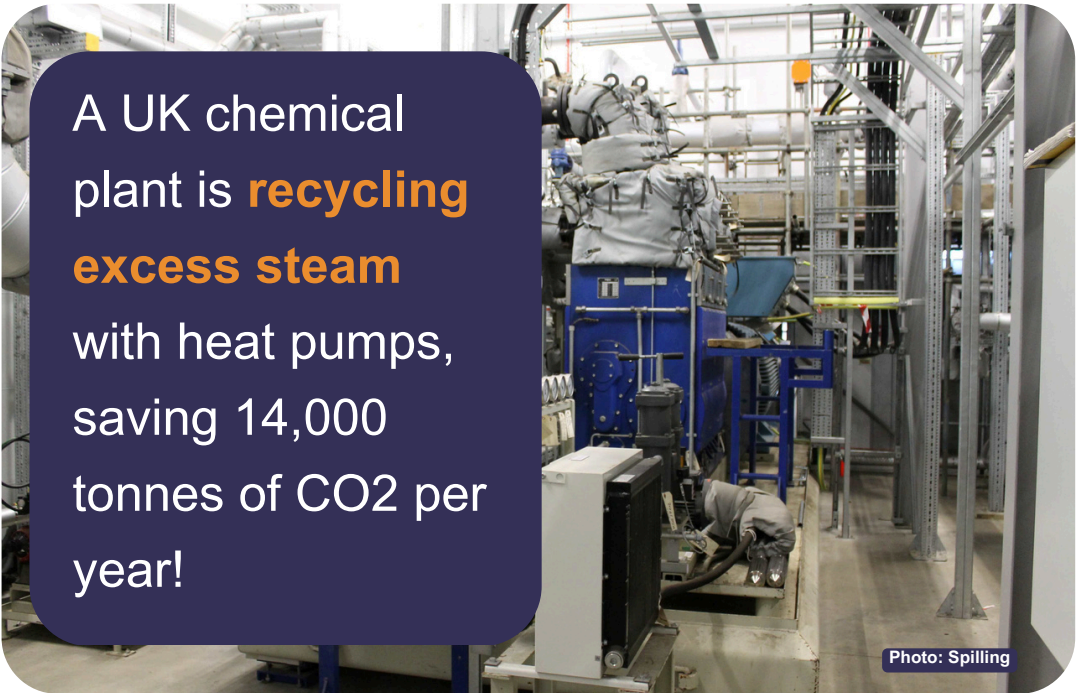


Moo-re

A photograph showing a large stack of white paper pulp being moved by an orange forklift in a factory setting. The pulp is piled high, and the background shows industrial structures.

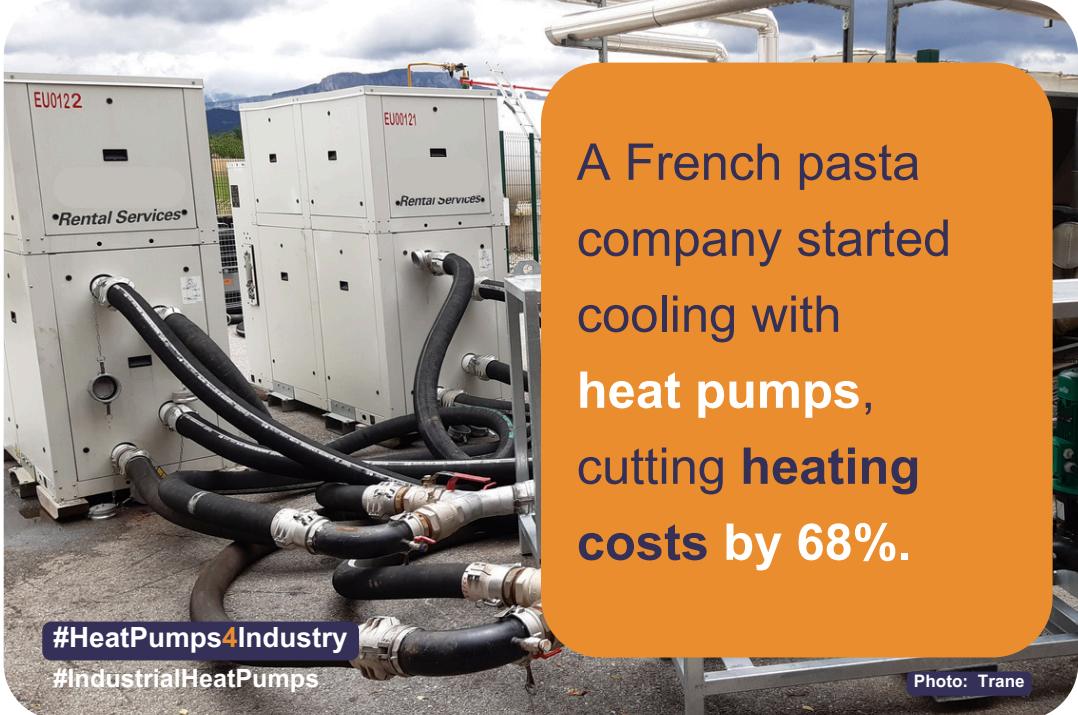
A French paper factory dries pulp by using **waste energy**, replacing gas with a **140°C heat pump**.

Photo: Shutterstock

A photograph of an industrial facility with various pipes, machinery, and structural elements. The scene is brightly lit, showing a complex industrial environment.

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

Photo: Spilling

A photograph of several white industrial heat pump units with black hoses connected to them. The units are labeled 'EU0122' and 'EU0121' and have 'Rental Services' written on them.

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

#HeatPumps4Industry

#IndustrialHeatPumps

Photo: Trane

A photograph of a woman wearing a white hard hat, large black ear muffs, and an orange safety vest over a dark jacket. She is looking at a smartphone. Other workers in safety gear are visible in the background.

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

Photo: TINE SA