

Energy efficiency potential in industrial heat pumps



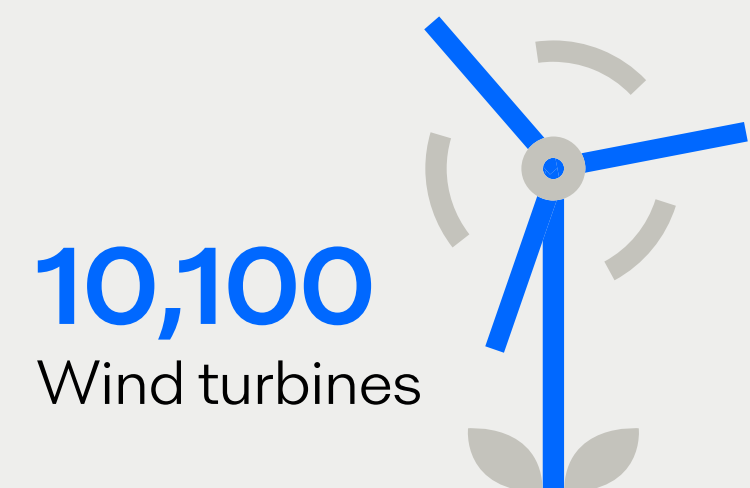
More than 50% of primary energy is lost as waste heat.

Industrial heat pumps can capture and reuse waste heat or natural low-temperature heat for heating buildings or industrial processes, eliminating the need to use fuel-fired boilers for this purpose.

Alfa Laval's contribution

Imagine if...

...all industrial boilers in Europe were replaced with efficient heat pumps. That would save 100 TWh of energy annually – the same amount produced by 10,100 wind turbines, enough to heat 10 million European homes.



It would also reduce emissions by 70%. That is 18 million tonnes of CO₂ every year, or what's emitted yearly by 220,000 heavy trucks.

