

Energy efficiency potential in industrial heat pumps

50%

Primary energy is lost as waste heat

Since 2013, an **Alfa Laval factory in Lund, Sweden** has had a heat pump installed, equipped with our own efficient plate heat exchangers. Low temperature waste heat from the component production process is the source of energy. The system covers nearly the entire heating and hot water requirements for the factory and Alfa Laval corporate headquarters. Annually, the result is:



3700 MWh

Energy savings

140

Tonnes CO₂ reduction

The efficiency potential of all possible industrial heat pumps across Europe:



Annual energy savings
100 TWh

=

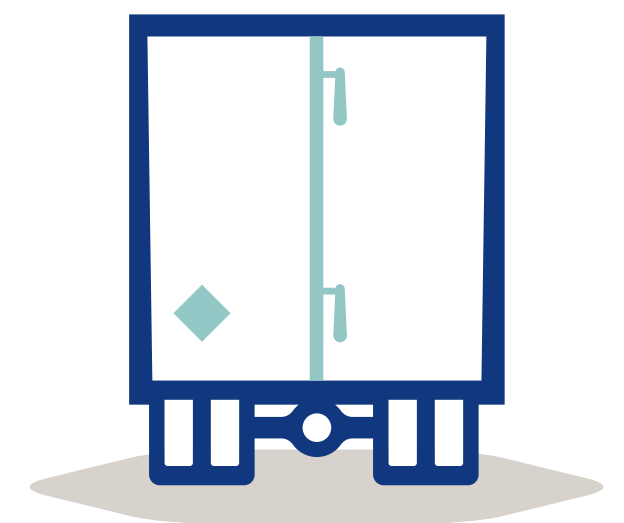


Annual output of
10,100
wind turbines



Annual emissions reductions
18,000

=



Emissions from
220,000
heavy trucks

