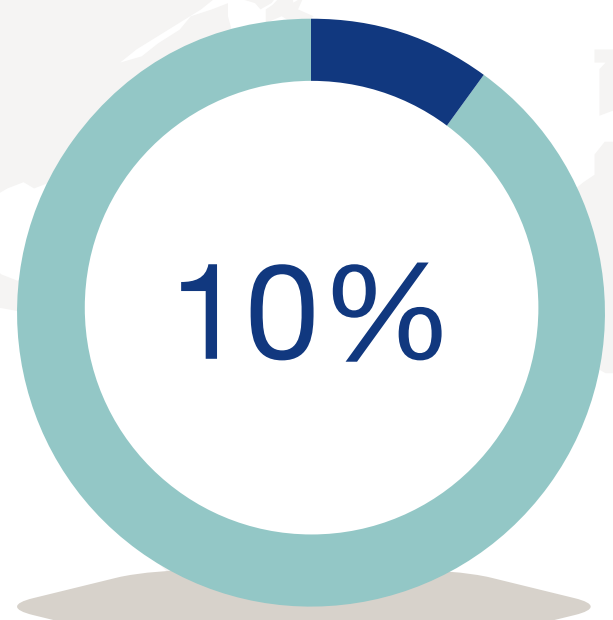
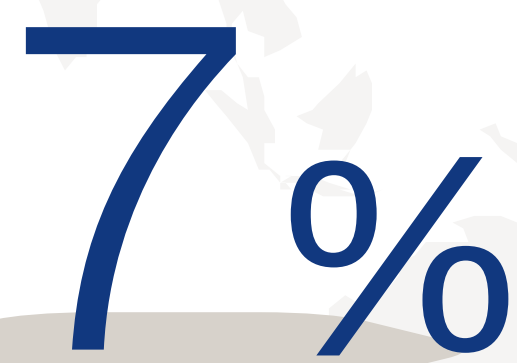


Energy efficiency potential in petrochemicals

The chemical sector



Of all industrial energy consumption



Of the world's CO₂ emissions

A petrochemicals **plant in Belgium** replaced two worn out shell-and-tube heat exchangers with more efficient plate heat exchanger technologies from Alfa Laval. Annually the new equipment resulted in:



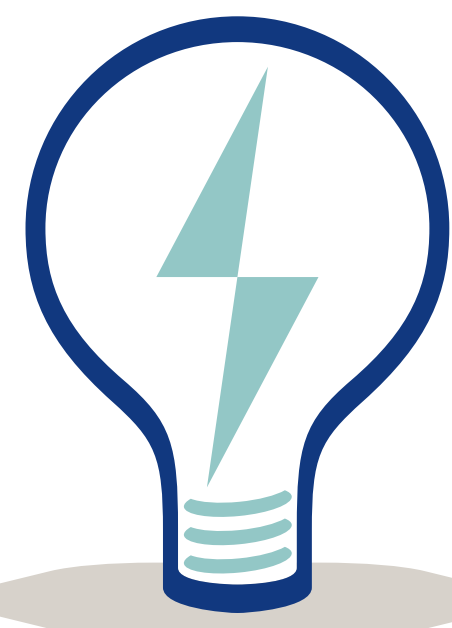
22,400 GJ

Energy savings

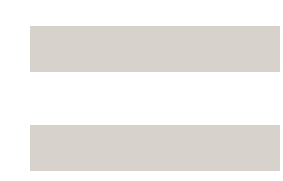
1250

Tonnes CO₂ reduction

Our yearly new plate heat exchanger installations:



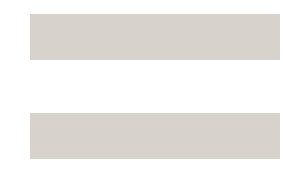
Annual energy savings
900 GWh



Energy demands of heating
90,000
European homes



Annual emissions reductions
194,000
tonnes



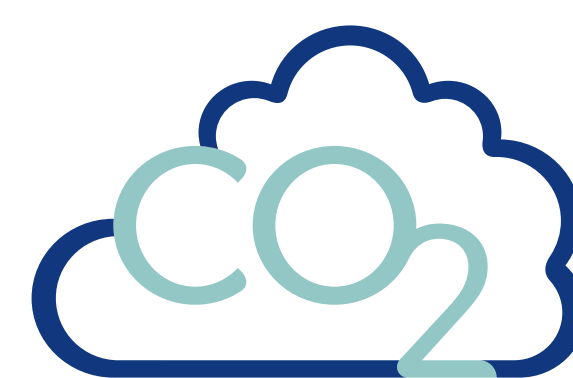
Emissions produced by
730
flights from London to New York



Annual energy savings
132 TWh



Annual electricity consumption of
Norway



Annual emissions reductions
28,000,000
tonnes



Annual emissions of
Qingdao
China

