

Energy savings of up to 71% with a thermal oil pump retrofit

Starwood | Türkiye

Customer challenge

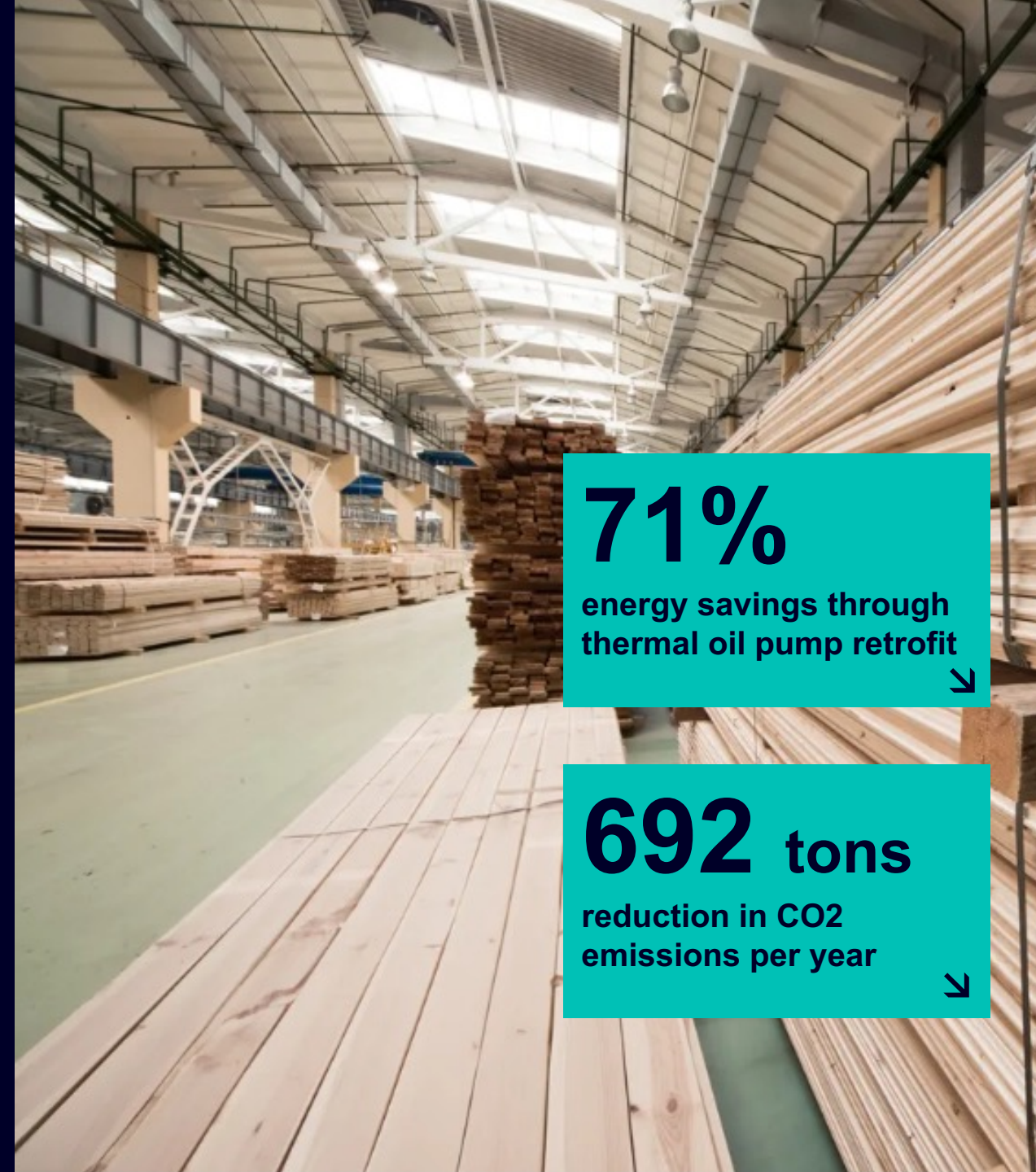
The energy crisis in the world and therefore the increase in costs puts pressure on all companies. For this reason, Starwood wanted to enhance the overall energy efficiency by saving energy within the new particle board production line, especially looking on the thermal oil pumps

Solution

- Retrofit and Modernization Services
- Continuous pressing is one of the most energy intensive processes in panelboard production. That's why Siemens service experts executed a field study to identify some savings potential
- As a result of the field studies, Siemens service experts offered a suitable solution for Starwoods thermal oil pump drives

Customer benefit

- Energy Performance Contracting guarantee was given by Siemens
- Increased production quality regarding to the sensitive temperature control, especially during the start-up time by the use of a smart software
- SINAMICS series drives ensure spare part availability and fast delivery
- Increased plant availability and productivity



71%
energy savings through
thermal oil pump retrofit ↘

692 tons
reduction in CO2
emissions per year ↘