



SUCCESS STORY

RENOVATION OF A CANNED FISH PROCESSING UNIT

With a growing demand for its canned fish products, increasing electricity prices and an aged production line, Unimer Group, a leading Moroccan canned sardines and anchovies producer and exporter, decided to replace its inefficient, aged, canned fish production line with a new, more efficient line.

These investments should lead to reduced energy consumption and improved competitiveness. The new line, using the latest technology, guarantees better yields, product quality optimal energy consumption and a decrease in water consumption.

The new production line is equipped with IE2 class electric motors, in replacement of the old EFF3 class motors. This will allow a 33% increase in production while reducing primary electric energy consumption by 44% as well as fuel consumption by 29% as compared to the old line. Further, hydraulic haulage is replaced by dry transport of the guanos, which significantly reduces the consumption of fresh water and decreases the pollution load from wastewater discharge for the downstream treatment facility.



THE COMPANY

Industry- Food processing
Location – Safi, Morocco



INVESTMENTS

469 170 Euros
Efficient lifts
IE2 motors
Continuous cooker double-walled steam



PROJECT GOALS

Equipment modernization
Increase productivity
Energy efficiency



RESULTS

Electric savings: 68 MWh/year
% Electric savings: 42%
Fuel savings: 29%
Reduction in CO2 emissions: 106 TCO2e/year
IRR: 11.5%
SPBP: 6.6 years

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