



SUCCESS STORY

MODERNIZATION OF AN AUTOMOTIVE EQUIPMENT PLANT

Faced with energy market liberalization and increased competition, Faurecia, a manufacturer of car seating covers located in Kenitra, decided to modernize its manufacturing facility by increasing its production capacity and substantially enhancing its energy efficiency while reducing its environmental impact.

The investment program involved the replacement of the old sewing machines with high-efficiency direct drive sewing machines and the replacement of inefficient fluorescent lighting with LED lighting. More specifically, the investment consisted of acquiring 87 new generation direct drive sewing machines which will decrease energy demand and increase the production capacity by 19%; 4 automatic cutting machines for seat caps resulting in reduced energy consumption and 69% increase in production; and 400 LED tube lamps.

As a result, the energy consumption should decrease by 809 MWh/year or 52.3%, the emissions of GHG by 514TCO2e/year. The payback period of the project is expected to be less than 6 years.



THE COMPANY

1400 employees
Automotive equipment supplier
Location – Kenitra, Morocco



INVESTMENTS

MAD 20 530 784 (EUR 1 870 000)
Cutting machines
Sewing machines
LED Tube Lighting



PROJECT GOALS

Increase capacity
Reduction of energy consumption



RESULTS

Energy savings: 809 MWh/year
% Energy savings: 52%
Reduction in CO2 emissions: 514 TCO2e/year
IRR: 17%
SPBP: 5.7 years