



SUCCESS STORY

ENERGY EFFICIENCY FOR A NEW MODEL HIGHWAY RESTSTOP, JORF LASFAR

An established service station operator saw an opportunity to develop an energy efficient highway service station model to serve the expanding highway networks in Morocco. The company approached MorSEFF for a new full service Rest Stop on the heavily trafficked industrial route Jorf Lasfar – El Jadida, serving the industrial complexes at Jorf Lasfar and Casablanca.

The new rest-stop development provided an opportunity to show-case the integration of energy efficiency and renewable energy into retail service infrastructure with the installation of insulation of exterior walls and roofs, double glazed windows, water powered by solar panels, A++ air conditioners versus commonly used A class, and LED lighting.

With these technologies, the service station provides high comfort for travelers while reducing its energy consumption by 434 MWh/year (71.1%) compared to the usual equipment. This project also provides an active example of EE and RE potential to travelers.



THE COMPANY

Retail Trade, highway Rest-Stop & Service Station
Location – Jorf Lasfar, Morocco



INVESTMENTS

2.5 million MAD (of 18 million MAD total)
LED
Double glazed windows
A ++ air conditioners
Solar panels



PROJECT GOALS

Reduction of greenhouse gas emissions
Energy savings
Improved comfort



RESULTS

Energy savings: 434 000 KWh/year
Energy savings: 71%
Reduction in CO2 emissions: 275.6 TCO2equiv/year
IRR: 11.1 %
SPBP: 8.7 years

Developed by



European Bank
for Reconstruction and Development

In Cooperation with



Supported by



SEMED MULTIDONOR ACCOUNT
(This Fund is supported by Australia, Finland, France, Germany, Italy, the Netherlands, Norway, Sweden, Taipei China and the United Kingdom)