



SUCCESS STORY

RENOVATION OF A THIN-WRAP PLASTIC FILMS PRODUCTION UNIT FOR LOW-DENSITY POLYETHYLENE (LDPE)

In response to the domestic demand growth for high-strength plastic packaging films as well as increasing energy prices, Atlantic Packaging approached MorSEFF to replace its old production line with a new more efficient line for production of thin film (45 microns compared to old line's 60 microns). This new line will enable the company to decrease its energy consumption and reduce its greenhouse gas emissions while increasing its productivity.

This MAD 15.4 million investment consisted of a new injection and molding technology resulting in a 26% energy savings compared to the baseline and a reduction of 362.8 TCO₂equiv/year. The project payback period of the investment is just over five years.



THE COMPANY

Plastics (packaging, plastic products, etc)
Location – Tangier, Morocco



INVESTMENTS

MAD 15.4 million
Injection & molding technology



PROJECT GOALS

Reduction of greenhouse gas emissions
Reduction of the energy consumption
Increase productivity of the packaging unit



RESULTS

Energy savings: 570 000 KWh/year (26%)
Reduction in CO₂ emissions: 362.8 TCO₂equiv/year
IRR: 19.6 %
SPBP: 5.21 years

Developed by



In Cooperation with



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