



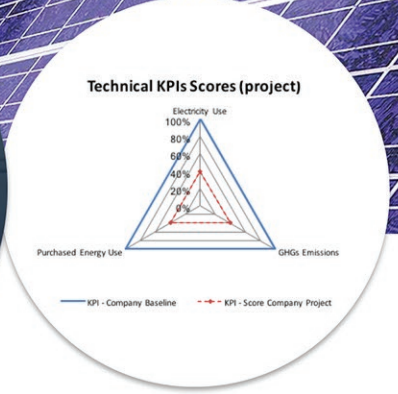
SUCCESS STORY

MODERNIZATION AND EXPANSION OF A PAPER BAGS PRODUCTION LINE REPLACING PLASTIC BAGS MANUFACTURING TECHNOLOGY

In mid-2016, the Moroccan Government voted and implemented a new law aimed at addressing the severe pollution and waste problems caused by the proliferation of plastic bags. This law banned the manufacture, import, export, marketing, and use of plastic bags and as a result, the national demand for more environmentally friendly paper bags has exploded. Domestic manufacturers are transitioning from polluting plastic bag production to paper bags and investing in replacement and expansion lines.

SODICAP, an established manufacturer of the packaging industry, initiated the modernization and capacity expansion of its production facility by acquiring a new state-of-the-art square-bottom machine for manufacturing paper bags used for food products (veggies, pastries, etc.). The machine replaces a plastic bag production machine and will strengthen the capacity of the line and help support this important national initiative.

The investment will generate a 320 MWh/year (60%) reduction in energy consumption with a payback period of just over seven years. The reduction in GHG emissions are estimated at 205.5 TCO2equiv/year.



THE COMPANY

Packaging Industry
Location – Casablanca, Morocco



INVESTMENTS

MAD 8 million (of MAD 11 million)
Paper bags machine



PROJECT GOALS

Workshop modernization
Increase productivity
Energy efficiency
Reduction of GHG emissions



RESULTS

Energy savings: 320 000 kWh/year
% Energy savings: 60%
Reduction in CO2 emissions: 205.5 TCO2e/year
IRR: 13.1 %
SPBP: 7.31 years

Developed by  **European Bank**
for Reconstruction and Development

In Cooperation with

 **KFW**

 **afd**
AGENCE FRANÇAISE
DE DÉVELOPPEMENT

Supported by

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