



SUCCESS STORY

MODERNIZATION OF A DRIED FRUITS ROASTING LINE

Seeking to reduce its energy consumption and improve its productivity and overall competitiveness, FRUIDELI, a dried fruits roaster, coater and flavor developer, plans to make an investment to acquire a dried fruits roasting line.

The investment program includes a new dried fruits roasting line with a capacity of 500 kg/h and a new packaging line with a power of 5 kW and a capacity of 125 bags of 80 g/min compared to the old production line compound of 2 machines of 8.8 kW each and a unit capacity of 45 bags/min.

As a result of this modernization program, the quality will improve, the final energy consumption will decrease by 31 MWh/year (33%), and greenhouse gas emissions will be reduced by 19.76 TCO2e/year. The payback period of this investment is low with 3.6 years.



THE COMPANY

Industry- Food Processing
Location – Meknès , Morocco



INVESTMENTS

MAD 3.56 million (of MAD 4.45 million total)
Dried fruits roasting line
Modern packaging line



PROJECT GOALS

Modernization of the unit
Increase productivity
Energy efficiency



RESULTS

Final energy savings: 31 111 kWh/year
% Energy savings: 33 %
Reduction in CO2 emissions: 19.76 TCO2e/year
IRR: 28.42 %
SPBP: 3.6 years

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