



SUCCESS STORY

MODERNIZATION OF A COUSCOUS PRODUCTION LINE

Facing increasing electricity bills and strong competition in the Moroccan market, ARZAK, a leading pasta and couscous manufacturer located in the region of Casablanca, approached MorSEFF for the technical evaluation and financing of the modernization of its couscous production line, known under the brand, TRIA.

The investment consists of replacing the old production line (with a capacity of 1 500 kg/hour) by a new, modern and more efficient one (1 800 kg/hour) that will increase the production by 39%. The new line will generate a productivity gain of 2.7 million MAD / year due to a production increase of 11,000 tons / year.

As a result of this investment, the energy consumption is expected to decrease by 3.8 GWh/ year which represent a reduction of the electrical energy consumption by 47.4% and of thermal energy by 24.7% compared to the baseline. ARZAK will also reduce its CO2 emissions by 1 247 Ton/year. The resulting payback period of this investment is estimated at 2.2 years.



THE COMPANY

Agro-industry - Pasta and couscous producer
Location – Bouskoura, Morocco



INVESTMENTS

MAD 10 million of 17.8 million total
New couscous production line



PROJECT GOALS

Reduction of energy consumption
Reduction of greenhouse gas emissions
Improved competitiveness and productivity



RESULTS

Energy savings : 3 796 MWh/year
Reduction in CO2 emissions : 1 247 TC02equiv/year
IRR: 41.44 %
SPBP : 2.2 years

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