



## SUCCESS STORY

### MODERNIZATION OF AN OLD GENERATION PASTA 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 old generation pasta production line.

The company has a production line with a nominal capacity of 1 500 kg / hour but only works at 1 000 kg / hour due to the obsolete equipment. This production line consumes a lot of energy and often breaks down, which results in increased expenses.

This MAD 3.8 million investment consists of replacing the existing dryer cage with a new and more efficient one, which should enable the elimination of non-compliant products representing 10% of the production. Also, the head and press section will be changed in order to gain on product quality.

As a result of this investment, the energy savings should amount to 1.9 GWh/year and the greenhouse gas emissions are expected to decline by 572 TCO<sub>2</sub>equiv/year. The resulting payback period of this investment is excellent with only 1.2 years.



### THE COMPANY

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



### INVESTMENTS

Modernization of the old pasta production line (new dryer cage, new head & press section)  
MAD 3 795 000



### PROJECT GOALS

Energy efficiency  
Reduction of greenhouse gas emissions  
Improve competitiveness  
Improve quality



### RESULTS

Energy savings: MWh/year  
Reduction in greenhouse gas emissions: 572 TCO<sub>2</sub>equiv/year  
IRR: 80.77 %  
SPBP: 1.2 years