



SUCCESS STORY

RENOVATION OF A WINE BOTTLING AND PACKAGING LINE

Given the increase in the cost of wine bottling and packaging, Thalvin, a wine producer in Benslimane, approached MorSEFF for support to evaluate and finance the renovation of its bottling and packaging line.

In addition to reducing energy consumption, this new line with a capacity of 6 000 bottles per hour, is characterized by a higher productivity, easy and safe sterilization, and minimal wine oxidation during bottling. In addition, the widespread use of stainless steel should save water and cleaning products consumption, thus reducing the environmental footprint.

The implementation of this project should reduce the energy consumption of the bottling line by 38.7%, with a specific consumption of 1.8 kWh/hl instead of 3 kWh/hl. As a result of this investment, the production cost will decrease by nearly 1 million dirhams, the energy consumption will decrease by 40 MWh/year and CO2 emissions will decrease by 25.6 TCO2equiv/year.



THE COMPANY

Agro-industry – Beverages (wine)
Location – Benslimane, Morocco



INVESTMENTS

MAD 6.38 million (of MAD 12 million total)



PROJECT GOALS

- Reduction of energy consumption
- Reduction of greenhouse gas emissions
- Increase productivity



RESULTS

- Energy savings: 40 000 KWh/year
- Reduction in CO2 emissions: 25.6 TCO2equiv/year
- IRR: 11.3 %
- SPBP: 7.03 years

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