



SUCCESS STORY

RENOVATION OF A CITRUS PACKING PLANT

Located in the region of Berkane, Kantari Group is a leading exporter of fresh citrus products with 4 000 hectares and 10 packing stations representing a cooling capacity of 25 000 tons. Energy consumption is mainly electricity used by the cooling and refrigeration processes, and thermal energy required for the cleaning of fruits and vegetables. Finding a sustainable solution to improve the use of energy helps guarantee a maximum quality of conservation, improve productivity and at the same time reduce electricity consumption and GHG emissions.

Face with these challenges, KANTARI group decided to replace its old packing station with a new-generation one, composed of six cold chambers for raw materials, a degreasing and disinfection area, a drying area, a conditioning area, a storage area, a shipping area, two cold chambers and two fast tunnels for finished products.

This MAD 20 million investment (of which 14.7 million eligible for MorSEFF financing) will not only help improve food quality, nutrition and cleanliness for end-consumers, but also will reduce energy consumption by 880 MWh/year or nearly 40%. The company will also avoid GHG by 556.7 TCO₂e/year. The payback period of the project is 7.9 years.



THE COMPANY

Industry – Agro-industry
Location – Berkane, Morocco



INVESTMENTS

MAD 14.7 million (on total of MAD 20 million)
Packing plant



PROJECT GOALS

Renovation of the packing plant
Increase of the production
Energy efficiency
Reduction of GHG emissions



RESULTS

Energy savings: 880 MWh/year
% Energy savings: 39.6%
Reduction in CO₂ emissions: 556.7 TCO₂e/year
IRR: 12 %
SPBP: 7.86 years

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