



SUCCESS STORY

INSTALLATION OF SOLAR PANELS ON THE BUILDING OF GLASS MANUFACTURER

MEDGLASS INDUSTRY is a Moroccan company specialized in the technical transformation of glass. It was created to equip the markets with innovative glass products presenting a very competitive added-value. The company develops glass products at the cutting edge of technology including glazing with soundproofing, screen printed glazing and curved and laminated tempered glazing.

To benefit from clean, renewable energy, Medglass Industry launched a project to install a photovoltaic plant (PV) on the rooftop of its building located in Temara, a town between Rabat and Casablanca. The PV installation is comprised of 1,980 PV panels with a unit power of 250 Wc spread over an area of about 3,239 m². The total power of the plant is estimated to be 495kWc and the average annual energy production of the plant is estimated to be 727MWh resulting in payback period of 9 years.



THE COMPANY

Chemical- Glass

Location – Temara, Morocco



INVESTMENTS

MAD 6.7 million

PV panels



PROJECT GOALS

Electricity generation using renewable energy

Reduction of greenhouse gas emissions



RESULTS

RE production : 727 MWh/year

Reduction in CO₂ emissions: 461.8 TC0₂equiv/year

IRR: 6.8%

SPBP: 9.1 years