



HelioTech - Photovoltaic generation and hybrid hydrogen-battery storage

Antibes (06), France

Businesses : Multitechnical maintenance, Process utilities

Type of contract : Design-Build-Maintain

Tertiary sector

Client Information



Client	Côte d'Azur University
Project management	EQUANS
Partnership	Solstyce
Start date	2022
Duration	2 years
Amount	> 1M €

Key figures

661 kWc

Photovoltaic power installed

879 MWh

Electrical energy produced per year

36 kWh

Hydrogen storage capacity



Customer's challenges

- Reducing the university's electricity consumption
- Providing an educational tool on hydrogen
- Cover parking lots with shading systems in accordance with the French law on the acceleration of renewable energies
- Create electric vehicle recharging points



Our solutions

- Shared multi-site photovoltaic production via collective self-consumption
- 12 charging stations for electric vehicles
- Hydrogen-Battery Hybrid Storage Demonstrator
- Installing an infrared filter on a glass roof



Customer's benefits

- Educating teaching staff in the use of hydrogen
- Reduced air conditioning requirements
- Optimizing energy consumption



CSR commitment

- Increased health and safety policy