Solarezo, an independent player in the new energies business, will be involved in all stages of the photovoltaic value chain: development, manufacture, construction, production, exploitation and maintenance.

Solarezo builds and operates ground solar power plants and constructs roof-mounted solar power plants on existing or new farm, industrial, logistics and commercial buildings.

At Saint Clar, in the Gers department of France, Solarezo has started the construction of a ground solar farm that will be one of the most powerful of its type in metropolitan France (8.9MWp). It will be made up of 43,000 solar panels.

Installed on a 57-acre site, the Saint Clar solar farm will, in particular, provide the energy needed for a sports and recreation park and a safari park. The project aims to be exemplary from an environmental point of view. The solar farm will avoid 4000 tonnes of CO2 emissions into the atmosphere every year, and the electricity produced will be equivalent to the electrical consumption of almost 8000 inhabitants.
A global and integrated solution including:
Supply, commissioning and maintenance.

- 7 transformation station of 1 MVA, each equipped with:
  > 2 GT500 inverters
  > 1 X 1 000 kVA low loss transformer
- 1 transformation station of 500 kVA, equipped with:
  > 1 GT500 inverter
  > 1 X 500 kVA low loss transformer
- 1 grid connection station
- 60 array boxes
- 1 equipment package for the video-surveillance and intrusion detection

Monitoring system:
- Supervision and control of equipment
- Support for maintenance and exploitation activities
- Evaluation of availability
- Increased reliability
- Centralisation of information
- Creation of graphics and reports
- Data storage
- Management of remote and multiple access

OTHER REFERENCES
- Ground-based arrays
  - France - Reunion Island - SAPRIM (1 MW)
  - Spain - Badajoz - Almendralillo (4 MW)
  - Spain - Almeria (7.76 MW)
  - Germany - Rote Jahne (6 MW)
  - France - Vinon Sur Verdon (4.2 MW)
  - France - Les Mées 1 (12 MW)
  - France - Gabardan (20 MW)
- Buildings
  - Spain - Saragossa (10 MW)
  - Spain - Villacañas - Toledo (2.5 MW)
  - Spain - Molina De Segura - Murcia (300 kW)
  - Reunion Island - Casino - St André (840 KW)