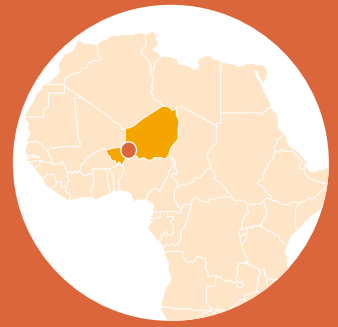


AN HYBRID SOLUTION IN ISOLATED AREA

Solar PV / Diesel hybrid plant (341 kWp)

Military base - Niamey (Niger)



KEY POINTS

- ◆ 341 kWp PV on different roofs
- ◆ 10 inverters
- ◆ 7 diesel generators
- ◆ Smart hybrid controller
- ◆ Remote monitoring and maintenance

LISTEN...

...To meet the need for this military base, built by FEPS, which was to free up ground space, often rare in the camps.

ADAPT...

...A tailored solution that ensures optimal solarisation of the camp and efficient communication between the solar panels and the diesel generators, which are necessary for energy production.

DEPLOY...

...With the help of our local partners, a hybrid solution between solar panels and diesel generators, distributed on the roofs of the military base.



GAIN ENERGY

In operation since 2018, this solution produces approximately 579,700 kWh per year, representing a saving of 193,000 litres of diesel or 510 tonnes of CO₂.

TYSILIO, SOLAR EXPERT

As an expert in photovoltaic solar energy, Tysilio ensures the realisation of your projects by adopting the best solutions to your characteristics and deploys tailor-made solutions with its local partners.

