

# ENERGY SECURITY FOR AN AGRICULTURAL COOPERATIVE



**Tysilio Solar Station with storage (39 kWp + 55 kVA/104 kWh)**  
*Sédhiou (Senegal)*



## KEY POINTS

- ◆ **39,68 kWp** of solar modules
- ◆ 1 hybrid inverter of **50 kWac**
- ◆ 1 battery rack of **104 kWh**
- ◆ **1 powerful energy management system**

## LISTEN...

*...To our client who wants to secure their energy supply with solar power and reduce diesel consumption.*

## ADAPT...

*...Our standard solution by offering an adapted TSS that is installed with an energy storage solution in an insulated and air-conditioned room.*

## DEPLOY...

*...As part of a FASEP funding, a pilot and innovative project which will enable the other DAC of PRODAC to be solarised as closely as possible to their needs. The load curve analysers will be installed in the DAC in order to optimise the sizing of each plant.*

Communication interface



## GAIN IN ENERGY

*The project will produce approximately 60 000 kWh per year, saving around 17 345 litres of diesel. That's over 45 tons of CO2 avoided each year.*

## CLIENT STATEMENT

*«The Tysilio group has excelled with its diligence, pragmatism and efficiency. They have committed themselves with great professionalism to all the tasks assigned to them. As a result, we now count you among our most valued partners and look forward to our continued collaboration. »*

**Mister Djimo Souare – Coordinator National PRODAC**



**Tysilio**  
GAGNER EN ÉNERGIE