

FIRST SOLAR PV

IN AFRICAN

VULNERABLE ISLAND

PROMOTE

- Renewable Energy
- Island Adaptation
- Solar Electricity
- Local Jobs

FIGHT

- Climate Change
- Fossil Fuel Dependence
- Island Disaster Risks

KEY FACTS

220,000 tonnes of CO₂ avoided / 10 yrs.

35,000 people supplied with electricity

15 local permanent jobs created

2% of the island energy mix

- Carbon program operational since 2014
- Registered under CDM+VCS standards
- Verified by Carbon Check auditors
- APX registry ID Number: 1483
- UNFCCC CDM ID Number: 10317
- Located in Bambous, Mauritius

TECHNOLOGY TRANSFER, ENERGY TRANSITION AND FIRST EVER SOLAR FARM IN MAURITIUS.

La Ferme Bambous 15 MW solar farm is Mauritius first ever solar power plant. Electricity in this vulnerable island is mainly generated from coal and heavy fuel oil.

Continuation of current practice for power generation involves a significant share of fossil fuel consumption (coal, fuel), including in capacity additions to meet the demand increase. Energy transition is crucial. Mauritius is a Small Island Developing States (SIDS) highly vulnerable to the effects of climate change.

UN SUSTAINABLE DEVELOPMENT GOALS

Affordable and clean energy exported to the grid of the Central Electricity Board (CEB). **Decent work and economic growth** for 15 permanent full time staff (all local).

It includes all levels of qualifications among which administrative and management resources, technicians in charge of maintenance and security staff to protect the site. **Industry, innovation and infrastructure.** The project is a real technological breakthrough for the island. Project uses 60,800 panels made of high-efficiency, poly-crystalline silicon solar cells with high transmission and tempered glass. Such technology is a first for Mauritius. **Climate action.** Mauritius will have to produce less electricity from coal or heavy fuel oil and will save 22,000 tons of CO₂ per year.

