

# First Solar Project in Vulnerable Island

Support technology transfer, energy transition, and first ever solar farm in Mauritius

220,000 tons of CO<sub>2</sub> avoided

35,000 people supplied

20 local jobs created

2% of island electricity

**Support**

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

**Fight**

- #Climate Change
- #Fossil Fuel Dependence
- #Island Disaster Risks



**La Ferme Bambous 15 MW solar farm** is Mauritius first ever solar power plant. Electricity in the 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.



Carbon program operational since 2014  
Registered under the CDM and VCS standards  
Verified two times by Carbon Check auditors  
Tracked in APX registry ID 1483  
Located in Bambous, Mauritius.

## UN Sustainable Development Goals

**Affordable and clean energy** exported to the grid of the Central Electricity Board (CEB). **Decent work and economic growth** for 20 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 multiplying by four the solar installed capacity. 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 CO<sub>2</sub> per year.