

Support Green Energy Transition in Namibia

Project description

Namibia has long been at the mercy of electricity imports from South Africa and other countries across the region (60% of their energy needs). In order to reduce this dependency, reforms have been undertaken in an attempt to attract independent power producers (IPPs) into Namibia's power sector.

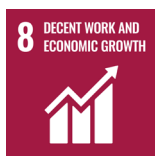
It is in this context that the Aussenkehr Solar PV project was developed by a joint venture between InnoSun and Aussenkehr Energy Investment – a local company 100% Namibian owned by PDN (Previously Disadvantaged Namibians).

The plant is located near Aussenkehr on the banks of the Orange River, on the border with South Africa which is one of the sunniest place on earth. It is composed of 19,440 photovoltaic modules allowing Namibia to add more diversification into their energy mix. The country aims to add 70% of renewable energy into their mix by 2030.

Project developer

InnoSun (subsidiary of Innovent) is a French independent company that builds and operates wind and solar farms in Africa (20% of their turnover). For over a decade, they have worked to address the issues relating to development, construction and operation of wind power plant. It is an experienced company which has earned its place in the renewable energy sector.

Sustainable Development Goals



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Project details

Project name:
Aussenkehr solar PV

Project type:
Solar PV

Location:
Aussenkehr, Namibia

Project owner:
InnoSun

Status:
Operational

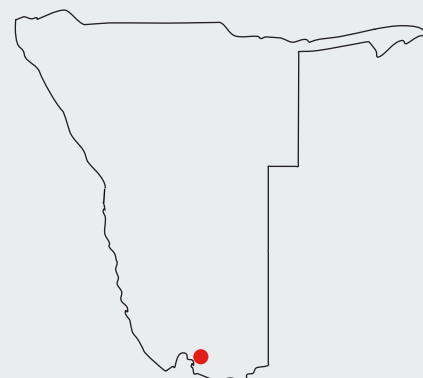
Project ID:
Verra VCS 1959

Key facts

15,000 tCO₂
saved/year

5 MW
installed capacity

18,000 people
supplied with green electricity



Pictures



Impacts



Namibia faces significant energy shortage, and has only been able to meet its energy needs through costly energy imports.

The project contributes to increase generation capacity in Namibia and reduces import's costs.



The plant reduces carbon emissions by producing green, emission-free electricity.

15,000 tCO2 are avoided each year, supplying 18,000 people with green electricity.



InnoSun used the local workforce to build the plant.

The project made the promotion of employment and skills development during construction (50 jobs created) and operation (6 permanent local technicians).



Namibia's energy mix is mainly composed of energy fossil fuel.

The plant is providing positive demonstration effects for solar development in Namibia and neighboring countries.

CSR Actions

InnoSun has offered many solar installations to associations so that they can meet their energy needs. To date, hundreds of panels and inverters were donated.

Key facts




19,440 panels
installed.

6 jobs
created locally for operation and maintenance.

14,866 MWh
power generation/year.

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