

First Ever Grid-Connected Wind Farm 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 Ombepo wind farm was developed by InnoSun.

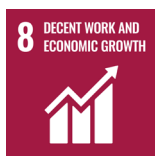
The plant is located in Ludertiz. The project takes advantage of strong Atlantic Ocean winds to produce green electricity and supply 20,000 Namibians with it.

Ombepo (which means wind in a local dialect), is the first wind farm in the country. The project features 3 turbines (80 meters high), it allows the country to reduce their electricity's importation from South Africa, Zambia and Zimbabwe.

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:

Ombepo Wind

Project type:

Wind farm

Location:

Ludertiz, Namibia

Project owner:

InnoSun

Status:

Operational

Project ID:

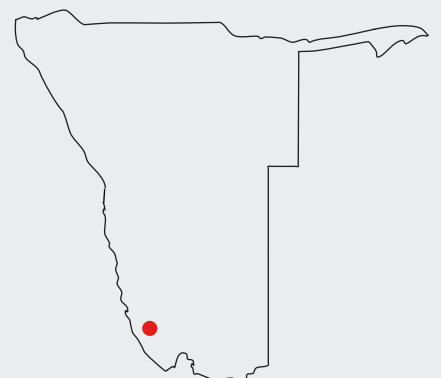
Verra VCS 1915

Key facts

19,000 tCO₂
saved/year

6 MW
installed capacity

20,000 people
supplied with green electricity



Pictures



Impacts



Namibia imports around 3 M KWh of electricity from neighboring countries.

The project reduces this importation and helps the country to save money and relocate it to the population.



The plant was built through advanced technology transfer from industrialized countries.

The project was the first to introduce sizable wind turbines technology, and associated skills in Namibia.



InnoSun used the local workforce to build the plant.

The project hired 70 people for the construction phase and relies on permanent technicians to ensure operation and maintenance.



Namibia targets 70% of renewable energy in the country's energy mix by the year 2030.

The project is helping the country to reach its target by producing their own green electricity.

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




3 turbines
installed.

\$ 13m
total amount invested.

5 jobs
created locally for operation and maintenance.

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