

Prony Wind Power

Prony, New Caledonia

The windy New Caledonia constantly reduces its dependence on fossil fuels. The Prony wind park thus influences positively the national grid towards a more sustainable generation of clean energy and walks along with socio-economic improvements for municipalities.

The Pacific Islands are facing a growing environmental and socio-economic burden, which is further exacerbated by the global climate change. The small developing island states are particularly most affected. This fact has been recognized by the UNO as well.

Even though they are heavily affected by climate changes and the extreme weather events, these islands remain extremely vulnerable to the future changes in the regional climate and the rising sea level.

In addition to replacing dirty fossil energies by energies from sustainable wind power, the project addresses many environmental and social issues. Strengthening civil society and the rights of the aborigines, Kanak, is achieved through the targeted support of lo-

cal and regional initiatives on employment and promotion of youth, of the community in general.

In order to avoid possible negative effects on nature and landscape, the infrastructure of wind parks is based on existing roads so as to limit erosion. New Caledonia is located in a hurricane hot spot. The wind turbines used in the project are specially designed for this kind of climate, so that the whole wind farm can be tilted down within a few hours in case of extreme weather warnings. This smart engineering approach makes the project perfect for the location and ensures that the nation can sustain green power during an extreme climate event such as a hurricane.

Type of project:	Wind power
Project N°:	118
Certifier:	Germanischer Lloyd Certification
Type of certificate:	Gold Standard [®]
UN Agenda 2030 Goals (see page 55):	7 8 13

