



Protecting our climate

# Renewable Energy Projects



## Jamnagar Wind Power Project

This project sees the construction of a new wind turbine bundle in India. By providing renewable energy, the project helps to reduce India's reliance on fossil fuels for electricity generation. The project is expected to generate emission reductions of over 200,000 tCO<sub>2</sub> equivalent between 2006 and 2008, verified and certified to the Voluntary Carbon Standard.

## Technology partners

Enercon Limited

## Country

India

## About your project

This project supports the construction and operation of new wind turbines at various sites in the states of Rajasthan, Gujarat and Karnataka. The wind turbines have a combined capacity of 147MW.

India's future energy requirements are forecast to increase substantially in order to meet its economic and development objectives, and it is predicted that the country will need to expand electricity supply by up to seven times today's consumption levels. At present, the primary source of electricity is generators powered by coal.

The wind power industry is, however, developing rapidly, and will help India on to a cleaner development path. Nonetheless, it is in most cases a more expensive way of generating electricity than conventional fossil fuels, and carbon finance plays a major role in making wind farms in India commercially viable.

This project will provide reliable, renewable power to the electricity grid and will directly benefit nearby villages through the provision of local employment. All parties involved in the design, construction and operation of the wind farms are Indian, so the project helps to develop the wind power industry locally and sustainably, as well as increasing the country's energy capacity in a clean and renewable way.



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