

Renewable Energy Projects

Indian Wind Power Generation

This Clean Development Mechanism project sees the construction of four new wind turbines in India. By providing renewable energy, the project helps to reduce India's reliance on fossil fuels for electricity generation. The project will offset 47,000 tCO₂ between 2006 and 2012.

Technology partner

Priyadarshini Polysacks

Country

India

About your carbon-saving project

Renewable Energy Projects, India

This project supports the construction of wind turbines at two sites in the Indian state of Maharashtra. A total of four wind turbines have been built with an overall capacity of 3.7 MW, providing enough electricity for 13,500 homes.

The wind farms help to overcome India's heavy reliance on coal for electricity generation. Wind power incurs none of the CO₂ emissions or solid waste problems associated with coal-fired power stations.

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. Employment has been provided for the construction phases of the sites and there is on-going local employment in operating the wind farms.

As a new technology, wind power is currently a more expensive way of generating electricity than conventional fossil fuel power stations. Through the sale of carbon credits, wind farms can start to pay for themselves. As India's economy develops and demand for electricity grows, this kind of project will be vital in helping India choose a clean development path.



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