



TAMIL NADU 45-TURBINE WIND PROJECT INDIA

A wind farm among temples

The Tamil Nadu 45-Turbine Wind Project is located in Tamil Nadu, the southernmost of India's 28 states. Long associated with tigers and temples, Tamil Nadu's long coastline and forested mountains make it an incredibly beautiful part of India.



Alleviating poverty, generating employment and contributing to the provision of basic amenities.

This project involved the construction of a 45-turbine wind farm in Erode and Dindigull districts. The wind farm replaces non-renewable energy sources such as coal with clean, wind-generated energy.

The clean energy it produces is fed into the Southern Electricity Grid of India, lessening the region's reliance on fossil fuel based electricity and preventing 70,000 tonnes greenhouse gas emissions every year.

Whilst more advanced than other renewable technologies, wind power is still not cost competitive with fossil fuels. However, the additional revenue from the sale of carbon credits made this project financially viable, and enabled its construction to go ahead.



ENERGY

Reliable, renewable energy, replacing fossil fuels



ECONOMICS

Employment and positive economic outcomes



70,000

tonne reduction in tCO₂e per year

PROJECT HIGHLIGHTS

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

"Thanks to the wind farm project, roads have been significantly improved and many employment opportunities have been created."

– Mr. Deivasikamani, Panchayat President, Chinnaputhur Village