



Wind power, India

Thanks to carbon revenues, Indian wind energy is delivering an increasing amount of green power to the grid.

Location



The wind turbines are located in India's southernmost province Tamil Nadu, which today is dominated by agriculture. This province already generates about 40% of the country's wind and 2% of total power.

Project



The project combines about 800 wind turbines scattered throughout the province, which replace fossil fuels on the state grid.

The rural population can now benefit from improvements to their daily lives, for example due to artificial light after dark, which facilitates studying and reading.

Project achievements:

- About 500 new jobs have been generated.
- An education program for 100 children will enable them a better future.
- The project owner has supported a regional vaccination initiative with 1000 people to lower families' medical costs.
- The wind turbines are also used for pumping water for drinking purposes or minor irrigation, a crucial topic in a region with limited access to water.
- Jatropha for bio fuel production is being planted on all the sites.
- Transport facilities including road and rail have been repaired or improved which serves local, small-scale economies.
- The project owner is aiming to preserve the region's great natural heritage. about 17 river basins, 2000 species of wildlife and 3000 species of fauna can be found in the region.



Checklist Project 301 133

✓ Additionality and permanence:	according to the rules of the VCS
✓ 3 rd party verified:	DNV
✓ Transparency:	provided by the NYSE Blue APX
✓ Annual CO ₂ reduction:	80,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database
✓ Marketing material:	high resolution pictures available

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