



TASMA CLEAN WIND INDIA

**Creating clean energy and economic benefits
with wind power**



By harnessing the clean power of 812 wind turbines scattered throughout the province of Tamil Nadu, this project replaces fossil fuel generated electricity with clean power provided to the the state grid. They not only generate green energy for India's growing economy, but also bring benefits to under-developed agrarian regions.



The Context

Thanks to carbon revenues, the wind energy industry in India is rapidly developing, introducing an environmentally sound and cost-effective alternative to feeding the country's growing power demand.

The Project

This project combines about 812 wind turbines scattered throughout the province of Tamil Nadu, which replace fossil fuels on the state grid. They not only generate green energy for India's growing economy, but also bring benefits to under-developed agrarian regions. In total, the wind project is generating about 804 GWh of emission free power for India's way into a sustainable future.

The Benefits

The rural population can now benefit from improvements to their daily lives, for example electric light after dark, which facilitates studying and reading. In addition, the project owner directly contributes to the wellbeing of the locals by supporting education and vaccination projects. Artisanry and other small scale businesses benefit from improved infrastructure such as the repair of roads, bridges, and rails. Since the wind turbines take up very little space, farming activities usually remain unhindered. In addition, the project owner has planted Jatropha trees in the wind farm surroundings to generate sustainable biofuel.

Already today, the province generates about 40% of the country's wind power, which amounts to 2% of India's total power output.



**1,000
people**

treated by a regional vaccination initiative supported by the project, lowering the risk of disease in the area.



**100
children**

supported through an education program, ensuring the opportunity for a better future.



**804
GWh**

of emission free, clean power is provided to India's electricity grid.



**80,000
tCO₂e**

reduced annually by providing an alternative energy source to carbon-intensive fossil fuels, directly contributing to climate change mitigation.

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

Official name: Bundled WindPower Project in Tamil Nadu | **Markit link:** https://products.markit.com/br-reg/public/project.jsp?project_id=100000000000686 | **Markit ID:** 0686