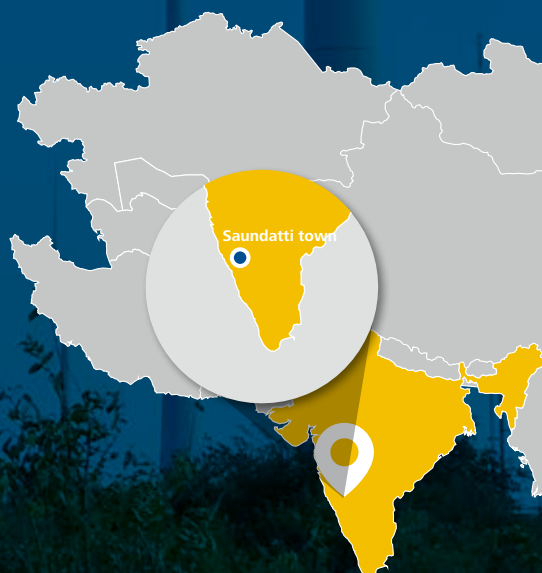




SAUNDATTI WIND INDIA

Combating climate change with clean energy
for India's grid



This project reduces greenhouse gas emissions from the atmosphere by providing an alternative to fossil fuel energy. Wind power farms deliver clean, renewable electricity to the grid, supporting India's transition to a sustainable economy.

The Context

Renewable energy resources are increasingly more important as India's economy expands. In order to service the country's growing population, electrification services that do not deplete resources or impact on the planet are an important factor for sustainable development. Wind farms provide a clean energy pathway for a low-carbon economy in India.

The Project

This project involves the installation of 90 wind energy generators with a capacity of 72 MW. The machines are an Enercon E-53 make with 20 years of operational lifetime. The electricity generated from the wind farm is exported to the southern region electricity grid and sold to the state electricity utility. Thus it contributes towards a reduction in the energy demand supply gap in the state of Karnataka, and a diversification of grid supply.

The Benefits

By providing a clean alternative to the burning of fossil fuels, this project contributes to a reduction in India's greenhouse gas emissions. By promoting innovative sustainable technology, it provides a better scenario for local industries and businesses to improve their production capacities thereby contributing towards the overall economic development of the region. The project has also committed to contributing 2% of earnings to sustainable development activities. Overall, the presence of this project leads to an investment into more sustainable energy sources in the region.

Promoting a clean energy transition in India with wind farms.



156,416.5
MWh

of clean energy generated on average annually with wind energy



Infrastructure

in sustainable energy technology promoted by project operation



144,989
tCO₂e

reduced on average annually by providing a clean alternative to the burning of fossil fuels

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

Official name: Wind Energy Project in Saundatti, Karnataka | **UNFCCC/markit/VCS link:** <http://cdm.unfccc.int/Projects/DB/BVQ11343049611.03/view> | **UNFCCC/markit/VCS ID:** 6794

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