

sustain India project carbon neutral services datacenters

To support its clients on the journey towards more sustainable operations, Atos invests in a wind farm carbon offsetting project in India. This initiative enables Atos to offset the carbon emissions of its datacenters - evaluated at around 80,000 TCO₂eq in 2013 - therefore contributing to 90% of the total project in India that saves 90,000 TCO₂eq in total. Through this investment made in 2013, Atos offers carbon neutral hosting services.

Project

This project aims to promote the use and the development of renewable energy through the installation of wind farms generating 536 MW with 67 wind turbines. The power generated from this project activity will be supplied to the state electricity grids and will thus help India to meet its increasing energy needs and widen the range of sources of energy production.

The clean electricity generated through wind power by the project has improved the grid frequency and availability of electricity in the region providing a better scenario for local industries and businesses to improve their production capacities thereby contributing towards the overall economic development of the region.



Project sustainability achievements

Location

The project activity is composed of 67 Wind Turbines Generators (WTGs) installed in two locations, one in the state of Karnataka (75% of installed project's WTGs) and in the state of Gujarat. This project allows the electrification of 217,000 households in rural areas.

Energy generated from the project is supplying renewable power to the North-Eastern regional grid (NEWNE) and the Southern grid of India.

Economic and social benefits

Jobs creation

At the local level, the project activity has led to the creation of 30 skilled (Wind turbine technicians, maintenance supervisors, etc.) and 13 unskilled jobs throughout the construction and ongoing operation and maintenance of the project.

Social initiatives

The project owner has also engaged in several social initiatives in the areas nearby the wind farm project:

Education

- ▶ Informal educational evening classes for 200 children in the age group of 6-14 of surrounding areas of the plant and select urban slums
- ▶ Young Power Program (YPP) to engage students to embrace sustainability
- ▶ Graduate Engineer Trainee (GET) program grooms a set of future leaders to take up technical roles in the project owner's organization

Health management

- ▶ Since 2003, a program to improve basic nutrition has been set up for approximately 1,100 children and 250 women, who are provided with health supplements in 10 villages
- ▶ Organize medical health camps to make healthcare accessible to rural poor

Empowerment

- ▶ The project owner has helped establish 14 women self-help groups (SHGs) in the surrounding villages of the wind farm plant, to serve as a platform for women empowerment through livelihood generation, benefitting 190 women.



Environmental benefits

The project will help in conserving natural resources including land, forests, minerals and ecosystems that are impacted by traditional forms of power generation. For example, unlike both fossil fuel and nuclear generation, wind energy does not require the use of water for cooling and therefore eliminates a strain on local freshwater resources.

Key technical facts

Standard	VCS - Methodology ACM002
3 rd party verifier	URS Verification Private Limited
Annual clean energy production	116,583 MWh
Annual CO ₂ reduction	About 90,000 TeqCO ₂



“Atos has committed to providing innovative carbon neutral services to its customers. We are particularly proud of this carbon offsetting project. While neutralizing the remaining CO₂ emissions of our datacenters, we finance a transfer of technologies allowing renewable energy project implementation in emerging countries where Atos is located.”

Eric Grall, Executive VP Global Managed Services
Atos



For more information:

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