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# Indian wind farm project

To support its clients on the journey towards more sustainable operations, Atos invests in a wind farm carbon offsetting project in India, managed by EcoAct. This initiative enables Atos to offset carbon emissions from all its data centers, offices and business travel - evaluated at 222 137 teqCO<sub>2</sub> in 2018. Through this investment made in 2019, Atos offers carbon compensate hosting services.

## Indian wind farm project

The project promotes the development and use of renewable energy through the installation of wind farms generating 109.6 MW from 137 wind turbines. The power generated from this project will be supplied to the state electricity grids and will thus help India to meet its increasing energy needs and widen the range of energy production sources.

The clean electricity generated through wind power has improved the grid frequency and availability of electricity in the region. The project improves production capacities for local industries and businesses, thereby contributing towards the overall economic development of the region.

**ecoact**

As a leading carbon neutrality advisory company, EcoAct supports Atos in the implementation of their carbon neutrality strategy.



# Main achievements

## Location

The project activity is composed of 137 Wind Turbines Generators (WTGs) installed in three locations, one in the state of Karnataka, one in the state of Gujarat, and one in the state of Maharashtra. These three wind farms allow the electrification of approximately 40 000 households in rural areas.

Energy generated from the project is supplying renewable power to the north-western, to the southern and to the north-east-west-north east (NEWNE) regional grids.

## Economic and social benefits

### Jobs creation

At the local level, the projects activity has led to the creation of 118 skilled (Wind turbine technicians, maintenance supervisors, etc.) and 55 other jobs throughout the construction and ongoing operation and maintenance.

### Social initiatives

Alongside the project, several social initiatives were engaged that positively impact the surrounding communities of the wind farm project.

### Education

- In the state of Karnataka, in the Hubli area, the Mid-day Meal Programme provides mid-day meal to 5000 students in 27 schools. The program has encouraged local children to continue their basic education and indirectly improve the education level of the area.
- Educational Support Scheme (ESS) is a program supporting students in pursuing higher education. Monetary support is provided to eligible students to pursue higher education. In 2018, Indian Rupees 1,082,000 have been disbursed to total 65 students under this scholarship programme in Samana and Mahidad areas.

### Healthcare management

- At Gujarat Site, there is a three-year community development project, the Aarohan Eco-club, focusing on three basic themes - education, water and livelihood. The objectives of this project, beneficiary to 8,124 communities, are:
  - improved access to infrastructure to school children,
  - increased awareness among school children about environment,
  - increased awareness among village women about additional livelihood income options,
  - and increased awareness among farmers' about agricultural practices.



- In the district Pune in the state of Maharashtra, a Mobile Medical Van is providing free check-ups and free medicines to more than 20 000 men, women and children of 30 rural villages.

### Empowerment

In the state of Gujarat, the project has helped establish 37 self-help groups for women (SHGs) in the surrounding villages of the wind farm plants, to serve as a platform for women empowerment for every generation in the community, benefitting 480 women.

In 2017 and 2018, 9 additional SHGs have formed with 108 women members and 7 farmer's club have formed with 368 members. A continuous dialogue is going on to make the community strong by organizing farmer's club meeting every month at cluster level and women's meeting every three months. Promoting sustainable agriculture practices is one of the key components of the community interventions.

### 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 relieves the strain on local freshwater resources.

## Key Technical facts

Standard	VCS - Methodology ACM0002
3 <sup>rd</sup> party verifier	URS Verification Private Limited

“Atos has provided carbon-compensate services to its customers since 2011. In 2018, we extend our offsetting program to include all our data centers, travel and offices worldwide. This Indian project finances long-term wind-farm plants generating renewable energy where Atos key development and competence centers are closely located.”

### Philippe Mareine

Senior Executive Vice-President of Human Resources, Corporate Social Responsibility and Chief Digital & Transformation Officer, Atos



A Global Benchmark for Carbon

For more information: [sustainabletopics@atos.net](mailto:sustainabletopics@atos.net)

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