

# CLIMACT

## 100.5 MW Wind Project in India



SUSTAINABLE  
DEVELOPMENT  
GOALS IMPACTS



7. AFFORDABLE  
CLEAN ENERGY



8. WORK +  
ECONOMIC  
GROWTH



13. CLIMATE  
ACTION



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## **Project description:**

This is a 100.5 MW wind power project located in the central Indian state of Madhya Pradesh. The project consists of 67 WTGs of 1.5 MW each generating clean electricity with utilization of wind energy. The project has conducted an ESIA study in line with the IFC guidelines while engaging local community through frequent stakeholders' consultation. It has played an important role in reducing CO<sub>2</sub> emissions and will continue to contribute towards the economic growth of the area by generating 180 GWh of clean electricity annually, which is equivalent to powering 42,000 households every year. The project also leads to mitigation of 1.23 million tCO<sub>2e</sub> in carbon emissions in 7 years.

## **Project impacts and benefits:**

The promoter is a socially responsible organization is dedicated to CSR initiatives to improve the quality of life in the projects vicinity. Along these lines, it consistently invests in the following thematic areas:

1. Enhancing the quality of Education
2. Supporting the "Clean India" initiative of the Government of India by investing in Sanitary infrastructure in schools and community centers
3. Augmenting medical and health care facilities
4. Potable water supply infrastructure
5. Employment Generation
6. Women Empowerment
7. Safeguarding Environment

## **Specific initiatives undertaken in the project vicinity:**

1. Distribution of necessary infrastructure such as furniture, education aid including stationery, math-science kit, sports material and scholarship to the meritorious students of more than 25 schools benefitting over 5,000 children.
2. Assistance to the underprivileged: Distribution of computers, bicycles and stationery to orphanage, benefitting more than 60 children and distribution of clothes in old age home.
3. Clean India: Development of sanitation facilities like toilet construction in public places.
4. Access to Clean Water: Water tanks along with water purifier systems have been installed benefitting public at a large scale, thereby providing easy access to clean & safe drinking water.
5. Tree plantation drives in schools, sub-stations and public places are conducted on a regular basis.
6. Electrification: Installation of electricity transformer and distribution line which has enabled direct household electrification and energy to water pumps for agricultural purposes benefitting over 1,000 people. This is apart from the approx. 93km of transmission lines built for project purposes.
7. Orange Mamatkhedha has helped to build around 21.6 kms of roads in villages within the project vicinity.
8. Delivering motivational workshops to people affected with HIV AIDS, in collaboration with Madhya Pradesh state AIDS control society and imparting significance of Anti-Retro Viral Therapy in their life, benefitting over 60 people. Regularly organizing camps/rallies to quit smoking and creating awareness in the stakeholders.
9. Organized mega medical camps in the nearby villages and undertook distribution of free medicines at the camps, benefitting over 1000 people of around 7 villages. Also conducted awareness programs on nutrition, ante-natal/post-natal care, sexually transmitted diseases (STDs) and hygiene.
10. The project has led to direct employment generation for 730 persons during construction phase (including laborers, supervisors & engineers), out of which 266 employees were hired locally. The project has also led to employment for 76 persons on a permanent basis.



## Testimonials

“I thank the promoter officials for taking the efforts in resolving our doubts. We are excited with the social benefits, education facilities, employment opportunities and improving infrastructure in the vicinity of the project which otherwise we did not foresee in the near future.”

Virendra Singh, A local villager from Chandakhedi village

“The promoter team has been very receptive of our requirements since the initial need assessment phase. Based on our inputs they have focused primarily on improving basic infrastructure in our school such as stationery, fans, furniture etc., leading to overall development and enhancement in quality of education.”

Principal, Govt. Secondary School, Village Mawta, Dist. Mandsaur, Madhya Pradesh

“Since the construction of toilet facility in our school, attendance of many girls like me has increased as it has helped in addressing a very basic need. Moreover, it has given us a sense of self-respect and security. We are really thankful to the promoter team for this help.”

Manisha, a class X student of Govt. Secondary School, Village Mawta, Dist. Mandsaur

“We at the promoter team focus on a triple-bottom-line approach i.e. Social, Economic, and Environment. We continually strive to balance cutting-edge technology and sound financials with positive social impact on the more vulnerable sections of society.”

Sudhir Nunes, CEO Wind Business – Promoter Team

