

## About Wind Power Project in Madhya Pradesh

---

The purpose of the project activity is to generate clean electricity with utilization of wind energy.

The project consists of 67 Wind Turbine Generators (WTGs) of 1.5 MW class ReGenV87 make. WTGs are being installed at Bagiya, Kanser, Mawta, Nandwell, Ranigaon, Thikriya, Bhandariya, Bhepur, Chandakhedi, Dehari, Dhandhoda, Garoda, Karju and Sagwali, villages of Ratlam & Mandsaur districts of Madhya Pradesh in India.

The project is scheduled to achieve an annual emissions reductions of 176,331 tCO<sub>2</sub>e.



## About Gold Standard

---

Gold Standard for the Global Goals is a standard and certification body for climate and development projects, designed to quantify, certify and maximize impacts towards climate security and sustainable development.

Gold Standard ensures that each dollar of funding goes further. Every project certified under **Gold Standard** must not only protect our climate, but also contribute to at least three of the UN Sustainable Development Goals (SDGs). In this way, lowering greenhouse gas emissions also leads to impacts like new jobs, better gender equality, improved health, and the protection of natural ecosystems, biodiversity and endangered species.

By using this standard to measure the holistic impact beyond a singular carbon (CO<sub>2</sub>e) metric, **investors, governments, corporates and civil society** actors can truly change the paradigm – to ensure money invested in climate action supports the fight against global warming AND helps communities and cities around the world grow in a sustainable and equitable way.

# Vertis Environmental Finance

---

## Wind Power Project in Madhya Pradesh

---



**Gold Standard**<sup>®</sup>  
*Climate Security & Sustainable Development*

## Impacts and benefits

---

The electricity generated by the project is exported to the NEWNE electricity grid.

The project activity therefore displaces an equivalent amount of electricity, which would have otherwise been generated by fossil fuel dominant electricity grid.

Since wind power is Greenhouse Gas (GHG) emissions free, the power generated prevents the anthropogenic gas emissions generated by fossil fuel based thermal power stations comprising coal, diesel, furnace oil and gas.

Hence, the generation by the proposed activity is non-GHG source and thus reduces the proportion of fossil fuel based generation in the grid leading to lesser carbon intensive grid.



## Results achieved

---

The project activity would help in alleviation of poverty in the area as it creates **employment opportunities** to the local people.

The project activity brings an additional **investment** to the region, which would have not been possible in the absence of project activity. The development of project activity contributes significantly towards **infrastructure development** of the region, which ultimately leads to **rural area development**.

The project activity evacuating power to the nearest regional grid leads to improvement of **electricity availability** as the electricity is fed into a deficit grid.

The project activity improves the local infrastructure development.

**Power generated** from this project activity can be used for small scale industries, thus generates employment opportunities.

