

# WINDING UP

## IN INDIA

### INDIA WIND PROJECT



#### INSTALLATION OF WIND TURBINES



#### LOWERING GREENHOUSE GAS EMISSIONS



#### IMPROVING LIVELIHOODS

The Indian power grid is damagingly reliant on fossil fuel based power plants. The country ranks extremely high on coal dependency, emitting huge amounts of CO<sub>2</sub>. As a consequence, the energy sector in India contributes to pollution and poor air quality. This Project builds wind turbines, providing the power grid with clean, renewable energy and stimulates the transition to a low carbon economy. The India Wind Project supports the development of multiple wind turbines in India, in the regions of Karnataka, Andhra Pradesh and Tamil Nadu.

#### ■ INSTALLATION OF WIND TURBINES

The 223 wind turbines are permanently generating energy for industry and local population with a total capacity of 233.1 MW.

#### ■ LOWERING GREENHOUSE GAS EMISSIONS

Wind turbines generate electricity with zero greenhouse gas emissions. The electricity produced displaces an equivalent amount of energy that would normally be generated by fossil fuel based power plants. This leads to a reduction in CO<sub>2</sub> emissions.

#### ■ IMPROVING LIVELIHOODS

The installation of the wind turbines generates positive social and economic impact for the local population. Job opportunities increase in the renewable energy sector, and the social development in the area is also taken into account. The Project was not limited to the construction of the wind turbines, the overall infrastructure in the region has also improved. Since the Project started, there are less harmful air pollutants linked to coal burning such as NO<sub>x</sub>, SO<sub>2</sub>, mercury and particulate matter.

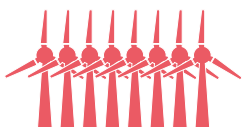


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# INDIA WIND

IN ONE YEAR

**30**  
WIND TURBINES



**AVOIDED**  
**53 000**  
TONNES OF CO<sub>2</sub>

**BY GENERATING**  
**54 000 MWH**  
OF ELECTRICITY

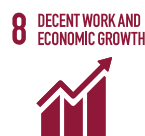
**WHICH PROVIDED**  
**50 000**  
HOUSEHOLDS  
WITH GREEN ENERGY



## CLIMATE PROJECT DEVELOPMENT

CO2logic selects only climate projects that have an impact in terms of greenhouse gas emissions but also in terms of sustainability and co-benefits for the local population. These impacts are in line with the United Nations Development Goals and respect the criteria defined by the Gold Standard, internationally recognised certification body.

The India Wind Project contributes among others to these UN development goals :



## CARBON CREDITS ACCREDITED BY VCS

The India Wind Project is VCS certified. The VSC program is the most widely used voluntary GHG program. This independent non profit organisation checks the impact of the Project in terms of CO<sub>2</sub> emission reductions. To do so, a lot of data is collected on the spot.



**Verified Carbon  
Standard**  
A VERRA STANDARD



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