

433,929
SAVED EMISSIONS
TONS CO2 EQ /YEAR



Longyuan Mulilo De Aar 2 North Wind Energy Facility

 South Africa

PROJECT-ID: 1950 FZ-ID: 2206



Longyuan Mulilo De Aar 2 North Wind Energy Facility

Clean wind energy generation in South Africa

The purpose of this project is to feed the electricity generated by wind power into the Republic of South Africa (RSA) grid.

The wind farm is located in the Pixley Ka Seme district near the town of De Aar in the Northern Cape Province of the RSA, approximately 30 km north-east of the Longyuan Mulilo De Aar Maanhaarberg Wind Energy Facility. It consists of 96 wind turbines and associated infrastructure and has an installed capacity of 144 MW.

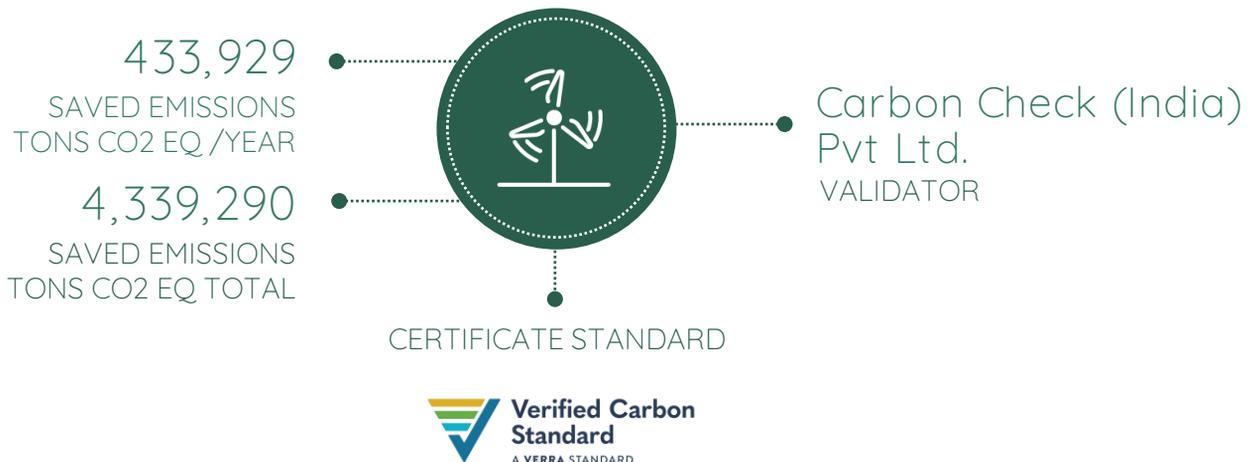
The RSA's energy system is dominated by coal-fired power plants and managed by the state-owned company Eskom, which is responsible for the generation,

transmission and distribution of electricity to end users. The RSA's energy system is integrated into the Southern African Power Pool (SAPP) grid, in which South Africa is represented by Eskom.

The total reduction in GHG emissions at the end of the crediting period is expected to be 4,339,290 t CO₂e.

[For more information please click here.](#)

Overview of the project data:



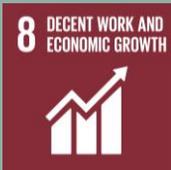
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The project contributes to the following sustainability goals:



Affordable and clean energy:

The operation of the project has contributed to the national government's target of generating 10,000 GWh of electricity from renewable sources by 2013 and reducing the RSA's greenhouse gas emissions by about 34% below current emission levels by 2020.



Decent work and economic growth:

The project leads to the promotion and development of wind energy technology in the RSA, which in turn leads to the creation of new jobs during both the construction and operation phases and an increase in tax revenues.



Climate action:

The burning of fossil fuels (mainly coal) in Eskom's power plants and the associated emissions of pollutants into the atmosphere, such as flue gas, coal ash, sulphur oxides and nitrogen oxides, will be reduced through the implementation of the project.