

RENEWABLE WIND POWER, INNER MONGOLIA



ACCELERATING THE GLOBAL LOW-CARBON TRANSITION

In China, coal-fired power dominates the grid and is typically responsible for over 80% of China's electricity consumption. This leads to a very high amount of greenhouse gas emitted for each unit of electricity – about 0.88kg CO₂ per kWh.

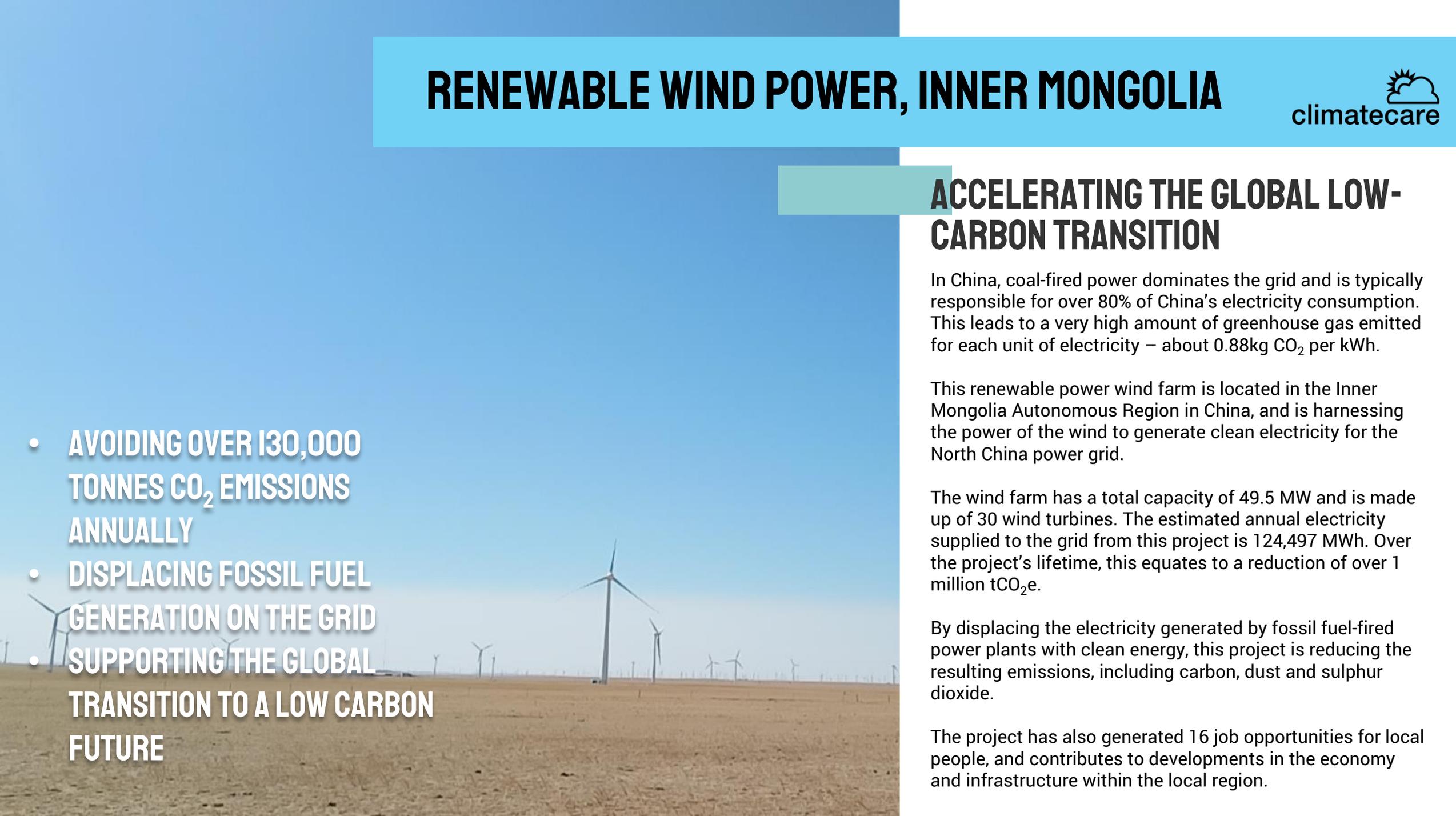
This renewable power wind farm is located in the Inner Mongolia Autonomous Region in China, and is harnessing the power of the wind to generate clean electricity for the North China power grid.

The wind farm has a total capacity of 49.5 MW and is made up of 30 wind turbines. The estimated annual electricity supplied to the grid from this project is 124,497 MWh. Over the project's lifetime, this equates to a reduction of over 1 million tCO₂e.

By displacing the electricity generated by fossil fuel-fired power plants with clean energy, this project is reducing the resulting emissions, including carbon, dust and sulphur dioxide.

The project has also generated 16 job opportunities for local people, and contributes to developments in the economy and infrastructure within the local region.

- **AVOIDING OVER 130,000 TONNES CO₂ EMISSIONS ANNUALLY**
- **DISPLACING FOSSIL FUEL GENERATION ON THE GRID**
- **SUPPORTING THE GLOBAL TRANSITION TO A LOW CARBON FUTURE**



DELIVERING THE GLOBAL GOALS (SDGS)

7 AFFORDABLE AND
CLEAN ENERGY



Through the installation of 30 wind turbine generators, this wind farm will generate 49.5MW electricity for the grid.

8 DECENT WORK AND
ECONOMIC GROWTH



This project has generated 16 new jobs in the construction and ongoing operation of the wind farm.

13 CLIMATE
ACTION



This project will reduce emissions by an estimated 104,533tCO₂e per year

WHAT THE CARBON FINANCE DELIVERS

Carbon revenues are used to overcome initial barriers of set up, and provide an ongoing source of income to enable the projects to run and continue to deliver their core mission: generating renewable energy and displacing fossil fuels.

GET IN TOUCH:

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