



Sustainability action · Project Renewable Energy and Energy Efficiency

Hebei Shangyi wind power, China

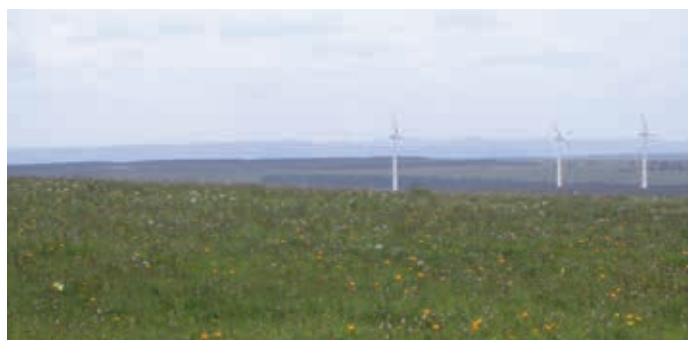
A wind farm in Northern China is contributing to the further development of renewable energy generation, mitigating climate change and the country's dependency on fossil fuels.

In addition to the windfarm's environmental and climate benefits, the local population profited from new jobs generated by the project, particularly during the construction phase.

Project

The Shangyi windfarm project is generating clean electricity using wind power resources, with the power output delivered to the North China Power Grid.

Technically, the project consists of 33 wind turbines, each with a power output of 1500 kW. The total power capacity of the windfarm is about 50 MW, while the expected net supplied power to the grid is 115,000 MWh per year.



Checklist	Additionality and permanence	3 rd party verified	Transparency	Annual CO ₂ -reduction	Social and environmental benefits	Marketing material
Project 301 247	According to the rules of the UNFCCC and the VCS	By SGS	Provided by the UNFCCC Registry	120,000 tCO ₂ e	As documented in our database	Pictures available



Location

The project is located in the windy Northwest of Hebei province, Northern China. The region is still typified by agriculture and some industry only, therefore the wind farms help skip the fossil fueled phase in the development of the local economy.

Project achievements

Socio-economic impact

- During the construction phase, many locals found temporary work in the preparation and erection of the wind turbines.
- Thanks to the avoidance of further coal-fired electricity generation, air pollutants such as sulphur dioxide and particulate matter are being reduced. This benefits health and general environmental conditions.

