



Sustainability action · Project Renewable Energy and Energy Efficiency

Honiton Wind, 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.

Project

China has historically depended on fossil fuels for energy. However, recently there has been a move towards wind power. This move has been good for the residents of Inner Mongolia. Their home has the largest usable wind power capacity in the whole of China. That means it is an ideal place to have wind farms. And where there are wind farms, there are jobs. There is another great benefit to the wind farms. Unlike fossil fuels, the wind can be exploited without damaging the environment. The prevalence of wind farms reduces the reliance on other more polluting forms of electricity.



Honiton has impact beyond just environmental and employment benefits. The Honiton Wind Project brings additional economic investment to the region. The local communities benefit from this economic stimulus. This money provides a strong case for the development of more clean energy projects in China. This is crucial, given the country's growing energy needs. On a smaller scale, Honiton also supports the local school and infrastructure improvements.

Checklist	Additionality and permanence	3 rd party verified	Transparency	Annual CO ₂ -reduction	Social and environmental benefits	Marketing material
Project 301 759	According to the rules of The Gold Standard	By SGS	Provided by the Markit Registry	116,607 tCO ₂ e	As documented in our database	Pictures available



Location

The wind farm is located north of the town of Bailingmiao, in northern China. The project is located in Inner Mongolia autonomous region, a vast expanse of land stretching across the north of China, bordering Russia and Mongolia.

Project achievements

Socio-economic impact

- Project supports a local school and sponsors teachers.
- Construction of the project provided over 100 jobs as well as creating 38 permanent jobs for the operation period.
- Construction materials for the turbine foundations, transmission cables and access roads has been sourced and supplied locally, further contributing to the development of the local economy.
- Construction of the wind farm was designed to minimise impacts on the local environment. Following excavation, soil was back-filled and re-seeded. It is expected that the land will be fully remediated after a few years.
- The project owner has also established the "Charity English program" and one qualified English teacher has been hired by Honiton to provide free English lessons to the students of a local Mongolian school.
- Infrastructure improvements including new highways, hotels and parks.
- The project owner consulted extensively with local people during the design, construction and operation of both phases of the wind farm.

Environmental impact

- Thanks to the avoidance of further coal-fired electricity generation, air pollutants such as The project displaces CO₂ emissions which would have been caused by fossil fuel fired power plants.
- The project contributes to improved local air quality with less NOx and SOx as a result of less fossil fuels being burnt for electricity generation, light, and heat for cooking.
- The project also contributes to the sustainable development of the country by increasing the generation of electricity from renewable resources, improving the energy mix and reducing dependency on fossil fuels.

