



ZHANGBEI DANJINGHE WIND ENERGY CHINA

**Creating environmental benefits and
community wellbeing with sustainable wind power**



The Zhangbei Danjinghe Wind Project not only produces clean and renewable energy, but also provides socio-economic and environmental benefits to the surrounding area through long term employment, grassland regeneration and the provision of new infrastructure.



Previously degraded grassland has been regenerated by the project owner, and some areas are once again being used by local farmers.

In the remote farmlands of the Yin Mountains in North China, the Zhangbei Danjinghe Phase III Wind Power Project consists of 33 wind turbines, powered endlessly by the earth's winds to feed clean energy to the North Power China Grid. By providing an alternative energy source to the burning of fossil fuels, the emission of CO₂ and other air pollutants in the area is reduced including sulphur dioxide and nitrous oxides which cause health problems, smog and acid rain.

The project was built on degraded grassland, which was no longer viable for agriculture. However, the implementation of good environmental management measures by the project owner has led to regeneration of the grassland, with the result that some areas are once again being used by local farmers.

Benefitting more than just the environment, the project has also created employment opportunities for local people for the operation, assembly and installation of the wind farm. Project staff benefit from training, workplace facilities and regular shuttle buses between the project site and Zhangjiakou City. In addition, the owner has further supported the local community through the provision of sustainable infrastructure, including new roads and sanitation facilities, as well as the installation of solar street lamps in the nearby villages.

Gold Standard

108,000

MWh of clean energy generated a year


10

Long term positions have been created for project operation



INFRASTRUCTURE

Provision of new infrastructure to nearby villages


99,000

tonnes of CO₂ reduced a year

PROJECT HIGHLIGHTS

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>