

Renewable Energy Projects

Inner Mongolia Wind Power Project

This project in the Inner Mongolia Autonomous Region of China sees the construction of 36 new wind turbines. Electricity will be generated for the local grid and the project will generate emission reductions of an estimated 138,000 tCO₂ between 2005 and 2007.

Technology partner

Datang Chifeng Saihanba Wind Power Company

Country

China

About your carbon-saving project

This project supports the construction of 36 wind turbines, with a total generating capacity of 30.6 MW, at the Saihanba Windfarm. The site takes advantage of an abundant wind resource and helps China to overcome its overwhelming reliance on coal for electricity generation. 80% of electricity comes from coal, with a new power station constructed every week. Wind power provides a cleaner alternative, generating none of the CO₂ and other atmospheric pollution associated with coal power plants.

This windfarm will accelerate the commercialisation of grid connected renewable energy technologies; an important objective of the Chinese Government. It will also create local employment opportunities during the assembly and installation of the turbines, and the operation.

The project will be certified to the Voluntary Carbon Standard, a global verification protocol. As part of this, the project will be validated and the emission reductions verified by an organisation accredited by the UNFCCC, the body that oversees the Kyoto Protocol.

Compared to coal power plants, windfarms do not represent the least costly power generation alternative and do not produce an attractive rate of return for potential investors. Through the sale of carbon credits, this project is provided with additional funds and thus becomes financially viable. Such incentives can play an important part in steering China towards a cleaner development path.

Balance is all

It's a fact of modern life that almost everything we do – flying, driving, even making a cup of tea – involves burning fossil fuels like oil, gas and coal. This in turn contributes CO₂ to the atmosphere and adds to global warming, the big issue now facing our generation.

All our gifts and packages recognise this by giving you a chance to balance out some of that CO₂. So for every kilo of CO₂ you produce, we invest in projects around the world that save equivalent amounts of CO₂.

These projects also benefit local communities directly in a variety of ways. Our solar and hydro schemes for example help stimulate local economies, improve health and create work, while our forestry projects recreate native woodland and valuable wildlife habitats.

These are just some of the ways we're making moves on climate change. Visit www.carbonneutral.com for the full story.



The CarbonNeutral Company
protecting our climate