



Protecting our climate

Renewable Energy Projects



Sebenoba-Karakurt Wind Power Project

This project sees the construction of 21 new wind turbines at two sites in Turkey. By providing renewable energy, the project reduces Turkey's reliance on fossil fuels for electricity supply. The project aims to generate emission reductions of 127,000 tCO₂ equivalent in between 2007 and 2009, verified and certified to the Voluntary Carbon Standard.

Technology partner

Deniz Elektrik Üretim Limited

Country

Turkey

About your project

This project supports the construction of wind turbines at two sites in Turkey. The Karakurt site is located in the Kirkagac region near Izmir and the Sebenoba site is situated in the southern district of Hatay. The combined capacity of the two projects is 40.8MW. The majority of Turkey's electricity is generated using natural gas, coal or oil. Electricity generated via wind power displaces electricity from fossil fuel plants and so saves the associated CO₂ emissions.

Turkey has vast wind resources, with potential for wind power projects in the west of the country and on the north and south coasts. Despite this, the installed capacity at the end of 2007 was only 120MW. There are numerous barriers to the wider implementation of wind projects, chief among them the high cost of the technology.

Carbon credits can make such projects financially viable and this is where funds generated from climate change programmes organised by The CarbonNeutral Company play their part. In this way, the development of a sustainable renewable energy industry can be supported.



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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.



John Marks