



## Turkey: Wind Power Project Balikesir

### Short description

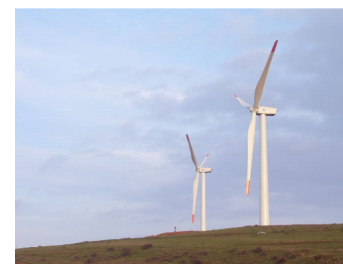
The project aims at generating energy through wind power in order to reduce the usage of fossil fuels for energy generation. Over a period of 7 years the project generates emission reductions of 501,968 t CO<sub>2</sub>e.

- **Project type:** Renewable energies, wind
- **Type of certificate:** VER
- **Quality Standard:** The project was validated by TÜV SÜD in compliance with the VER+ Standard applying an UN approved CDM methodology and verified by SGS.



### Project description

The project consists of the implementation of a 30 MW wind park in a coastal region. It will be the first project of significant size to feed power into the Turkish grid. The validation report clearly shows that the feasibility and bankability of this project are depend on the additional revenue from the sale of emissions reduction credits. Though Turkey has recently adopted a feed-in-tariff for renewable energy power generation starting from 2007, it is comparatively low in contrast to other countries, and there is a lack of experience with this new technology in Turkey. The existing barriers to wind energy investment are illustrated by the fact that, although on announcement of the draft feed-in law in 2004 a number of wind projects have applied for licensing, until today no similar project has been able to start construction. The certification of emission reductions for a crediting period of 7 years has helped the project to overcome the investment barriers that still characterize the nascent period of renewable energy in Turkey.



### Sustainable development

The project is highly attractive because it is the first project of its kind in Turkey and serves as a flagship project that stimulates the development of a market for grid connected renewable energy technologies in Turkey. The project demonstrates the benefits of the Kyoto mechanisms in Turkey, and thus promotes the participation of Turkey in an international climate protection partnership such as the Kyoto Protocol.

