



Sustainability action · Project Renewable Energy and Energy Efficiency

Dagpazari Wind, Turkey

This wind park is contributing to the further development of renewable energy generation in Turkey, a country that still depends on fossil fuels for the large part.

Project

Even with its privileged situation of a long windy coastline, Turkey still relies to over 70% on fossil resources to fuel its growing economy. Now, pioneering wind parks have started to harness the untapped sustainable wind energy on the island's west coast to enable and promote a less carbon intensive future for the nation.

In addition to their positive impact on the global climate, the project generates jobs and is engaged in benefiting the region, e.g. by

contributions to the infrastructure. Sheep and wild horses living in the region encounter no restrictions by the wind project; actually, they can roam freely on the sites for grazing. The construction of wind farm led to no direct or indirect economic displacement and no sensitive areas or natural habitats were impacted.

The project activity has 13 wind turbines each having a capacity of 3,000 kW. The total installed capacity adds up to 39 MW. The annual electricity generation will be 107,800,000 kWh and will be transmitted via 34.5 kV transmission line, to Birkapılı Hydropower Plant. The project will contribute to the share of renewable energy in the Turkish market. The generation of electricity from renewable source will replace electricity from the national grid.

Checklist	Additionality and permanence	3 rd party verified	Transparency	Annual CO ₂ -reduction	Social and environmental benefits	Marketing material
Project 301 863	According to the rules of the Gold Standard	By RINA Services S.p.A.	Provided by Markit Environmental Registry	67,051 tCO ₂ e	As documented in our database	Pictures available



Location

The site is located on the Taurus Mountains approximately 70 km from the southern coast of Turkey, 14 km north of the village of Mut, in the Mersin region. The project is in complex and moderately rough terrain and located on a high plateau next to a cliff, covered by scattered trees and rocks.

Project achievements

Socio-economic impact

- The project generated employment for 70 locals during the construction phase and presently 15 for the operation.
- The wind turbines used in the project operate without gearboxes, therefore they emit significantly less noise than common wind turbines.

Environmental impact

- The turbines use minimal ground space only for the poles, therefore their impact on the environment is close to zero.
- Greenhouse gas emission reductions are achieved by replacing fossil fuels with sustainable energy, thereby avoiding the release of CO₂ into the atmosphere.

Gold Standard

