



The construction of Gold Standard certified wind energy projects promotes the expansion of renewable energies in Turkey. The projects contribute to the sustainable development of the involved regions as they do not only reduce CO<sub>2</sub> emissions, but also create socio-economic benefits for the local population.

#### Local Situation:

Turkey faces the challenge of rapidly growing demand for energy on the one hand, and the need to reduce greenhouse gas emissions on the other hand. Energy production in Turkey is still dominated by non-renewable sources. Only hydro power represents a relevant source of renewable energy so far. However, the constant and strong winds in the coastal regions are ideal conditions for the installation of wind parks. The expansion of wind energy offers Turkey a good opportunity to increase the amount of renewable energy. The goal is to arrive at a large share of green electricity to satisfy the increasing demand as well as to make a key contribution to sustainability.

#### Technology:

The Gold Standard certified wind projects use the technology of wind power. Thereby, they contribute to the sustainable reduction of greenhouse gas emissions and to the increase of grid-connected renewable energy in Turkey. Hence, the clean production of electricity has a major positive impact on decreasing the dependency of fossil fuels.

#### Sustainable Development:

In addition to the direct reduction of CO<sub>2</sub> emissions, the wind power projects contribute to a positive social and economic value for the local population. Environmental compatibility tests are conducted to avoid a damage of the sensitive ecosystems during construction. Also, projects are not pursued on land which is suitable for agricultural use. In the design and construction period, stakeholder meetings are organized regularly to actively involve all actors, including representatives of the local population. This eliminates the risk of excluding marginalized groups. Besides the ecological and social benefits, economic value is created by the projects. The construction of the facilities is carried out by local subcontractors under the guidance and regular monitoring of external experts. Simultaneously, unskilled workers get trained for the construction and maintenance of the system, so that each project creates long-term jobs for local subcontractors and workers.

**Portfolio**  
Wind

**Project standard**  
**Gold Standard**  
Climate Security & Sustainable Development

**Emission reduction**  
approx. 50,000–120,000 t CO<sub>2</sub>e  
p.a. /project

**Project status**  
VER, certified

**Location**  
Turkey

**Project verification**  
TÜV Süd Industrie Service GmbH  
and others

#### Sustainable Development Goals

