



KORU WIND POWER TURKEY

**Kickstarting Turkey's clean energy sector
and creating jobs**



Located in the town of Lapseki in Turkey's Çanakkale province, the Koru Wind Power Plant comprises 16 turbines spread across several hilltops. The project reduces Turkey's greenhouse gas emissions, whilst also contributing to the extension of the country's national power generation into wind power.

The Context

As Turkey moves into the twenty-first century, its energy consumption is increasing to meet the demands of a thriving industrial sector and growing population. With little infrastructural development of the renewables sector and few raw energy resources of its own, Turkey's current dependence on coal and other fossil fuel imports is unsustainable.

The Project

Located in western Turkey, this bundled wind power project has a 50 MW capacity with 16 turbines spanning several hilltops and multiple villages across the district. By powering homes in the surrounding area with renewable wind power, Koru Wind Power displaces fossil fuel generated energy. As a result, the project reduces emissions by over 80,000 tCO₂e every year, and stimulates the growth of wind power infrastructure in Turkey.

The Benefits

Beyond creating sustainable energy and displacing carbon emissions from traditional fossil fuel energy methods, this project also creates a range of economic and social benefits for surrounding communities. Jobs have been created for both the construction and the ongoing maintenance of the plant, as the Koru Wind Power Plant continues to employ workers from surrounding villages. In addition, the quality of employment is improved, as local workers are trained in specialist operational knowledge.

Reducing greenhouse emissions by developing Turkey's wind power infrastructure



Gold Standard



147,943
MWh

of electricity fed to the public grid on average annually, powering homes with renewable energy



83,033
tCO₂e

reduced on average annually, by replacing traditional methods of burning imported fossil fuels with clean energy generated by wind power

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Koru Wind Power Plant, Turkey | **UNFCCC/markit/VCS link:** https://mer.markit.com/br-reg/public/project.jsp?project_id=103000000005501 | **UNFCCC/markit/VCS ID:** 103000000005501 | **GS ID:** GS2545

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