

SOMA WIND TURKEY

**A sustainable alternative energy that combats
climate change**

The Soma III Wind Farm Project comprises of 50 wind turbines with a total installed capacity of 100 MW, powered by prevailing winds to generate approximately 280 GWh of energy annually. The electricity generated is delivered to the national grid via a high voltage transmission line. By providing a clean alternative to the burning of fossil fuels, this project avoids the emission of approximately 155,810 tonnes of greenhouse gases on average every year.



The Context

A transition towards renewable energy infrastructures is an important step for providing reliable energy to all communities in Turkey. As economies expand, wind farm projects such as this can provide an important incentive to shift energy provision towards more sustainable methods.

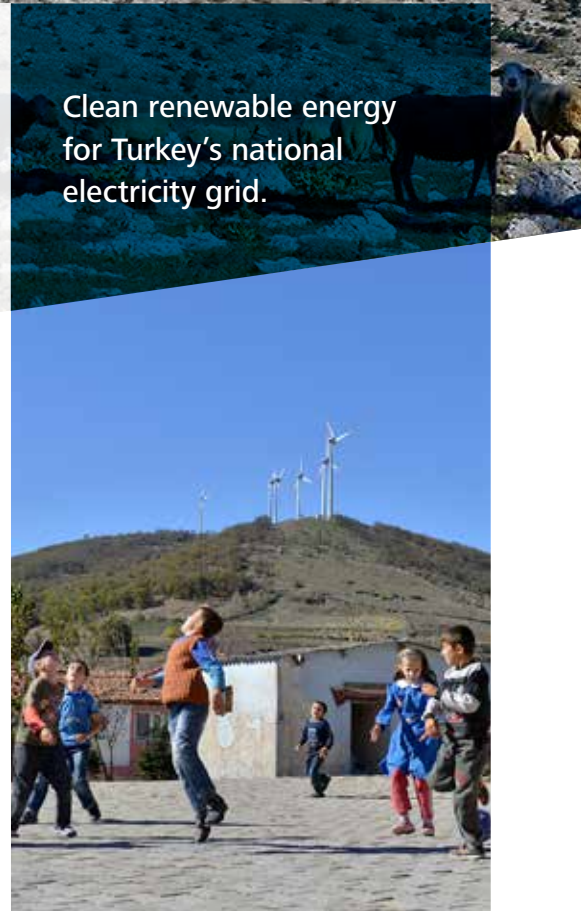
The Project

This project is a wind power plant consisting of 50 wind turbines with a unit capacity of 2 MW each with a total installed capacity of 100 MW. The turbines capture the energy of prevailing winds, and the plant turns this into electricity that is fed to the national grid. The capacity of the project activity is added to the existing Soma I, II Project, which are existing wind power projects registered since 2009. The existing project Soma I, II consist of 119 turbines with an installed capacity of 140.1 MW.

The Benefits

The Soma III Wind Farm project activity aims to reduce greenhouse gas emissions in Turkey by replacing fossil fuel power generation with alternative clean methods and contributing to the development of the wind energy sector in Turkey. It combats climate change by generating 261 GWh per annum of clean energy, and avoiding the emission of 155,810 tonnes of greenhouse gas per year. In addition, this project supports the local economy by creating local employment and providing equipment locally.

Clean renewable energy
for Turkey's national
electricity grid.



Gold Standard



**261
GWh**

of clean power is generated and delivered to the national grid



**43
employees**

across engaged across the Soma I, II and III sites, boosting local economies



**155,810
tCO₂e**

reduced on average annually by providing an alternative to the burning of fossil fuels

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

Official name: Soma III Wind Farm | **UNFCCC/markit/VCS link:** https://products.markit.com/br-reg/public/project.jsp?project_id=103000000006679
UNFCCC/markit/VCS ID: 103000000006679 | **GS ID:** 3253

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