

EDINCİK WIND POWER PLANT

The south coast of the Sea of Marmara, Bandırma, Balıkesir, Turkey

The Edincik Wind Power Plant (Edincik WPP) is a 56.4 MWe wind farm located on the southern coast of the Sea of Marmara at Bandırma in Balıkesir province, Turkey. The 23 wind turbines are to generate 180 GWh of renewable energy each year. The electricity generated will be delivered to the national electricity grid, thereby avoiding electricity generation from fossil fuel sources, such as coal. The annual emission reductions to be realised by Edincik WPP have been estimated at 106,000 tonnes of CO₂ (tCO₂).

In addition to the reduced greenhouse gas (GHG) emissions, the project also contributes to social and economic development through education, sanitation, job creation, technology transfer and improved agricultural production.

TYPE

Renewable energy - Wind Power Plant (methodology: ACM0002)

VERIFIED EMISSION REDUCTIONS

106,435 tCO₂

165,000 tCO₂ are being verified (vintages 2013, 2014 and 2015)

OPERATION START DATE

19 July 2013

STATUS

Project is operational

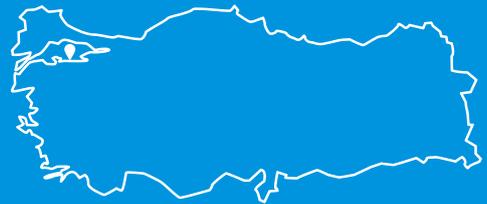
GOLD STANDARD PROJECT ID

103000000001562 - [Database entry](#)

CARBON STANDARD

The Gold Standard

PROJECT LOCATION



On the south coast of the Sea of Marmara, Bandırma, Balıkesir, Turkey

OWNER

The project owner is Edincik Enerji Üretim A.Ş., a company purposely set up for this project and majority-owned by E.N.A. Textile and Umut İnşaat, active in textile production and construction.

FINANCE

The construction of Edincik WPP is financed by Türkiye İş Bankası under the Turkish [Mid-size Sustainable Energy Financing Facility \(MidSEFF\)](#). This facility is developed by the [European Bank for Reconstruction and Development](#) and is supported by the [European Investment Bank](#) and the [European Union](#).

Gold Standard[®]

Climate Security & Sustainable Development

DEVELOPMENT GOALS



PROJECT OWNER

Edincik Enerji Uretim A.S.

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In addition to the reduction of GHG emissions, Edincik WPP also contributes to social and economic development, especially through:

- ✓ **EDUCATION**
Provision of financial support to Edincik elementary school
- ✓ **JOB CREATION**
Creation of local employment during both the construction and operational phases. This includes jobs in civil, electrical, plant operations, and service, as well as maintenance and security personnel.
- ✓ **SANITATION**
Construction of a public lavatory in Hidirköy.
- ✓ **SUSTAINABLE ENERGY**
Generation of clean energy with real, measurable and long-term GHG emission reductions. Furthermore, the project also contributes to the reduction of pollutant emissions such as sulphur dioxide, nitrogen oxides and particles resulting from electricity generated by using fossil fuels in Turkey.
- ✓ **IMPROVED IRRIGATION FOR AGRICULTURAL PRODUCTION**
Construction of an irrigation pond for the irrigation of arable land used for agricultural production in Hidirköy.
- ✓ **SOCIAL SUPPORT**
Provision of financial support to Bandirmaspor Sports Club.
- ✓ **INFRASTRUCTURE**
Reparation and upgrading of roads between Hidirköy and Edincik.

MIDSEFF

MidSEFF provides up to €1.5 billion in credit lines to seven Turkish partner banks for on-lending to private sector borrowers for financing mid-size investments in renewable energy, waste-to-energy and industrial energy efficiency. MidSEFF includes support for the development of the Turkish carbon market, which can leverage sustainable energy investments in Turkey - turkishcarbonmarket.com

