

## PROJECT DESCRIPTION





The Edincik III WPP will have a capacity of 21 MW and will produce 73.5 GWh/year of electricity based on the electricity production licence. After the extension, total capacity of Edincik I-II-III WPP will reach to 77.4 MW.

The electricity generation from a renewable source will replace the electricity from the national grid and enable reduction of 43,806 tonnes of CO<sub>2</sub> equivalent gases per year, as calculated for the base case scenario of electricity generation.





## CARBON FINANCE

Edincik III Wind Power Plant (WPP) project is being planned as a Gold Standard GHG emission reduction project.

## ENVIRONMENTAL AND SOCIAL KEY ISSUES

-  Bird Species
-  Landscape Impact Assessment
-  Noise
-  Potential pollution/contaminant emissions during construction

## MITIGATIONS/SUCCESSFUL IMPLEMENTATION

-  Supervision of construction activities by environmental, health and safety experts,
-  Photo-impact simulation required to allow an adequate level of awareness of stakeholders on visual impact of the project,
-  Seasonal bird migration monitoring to control the adverse impact of the plant on bird species,
-  Noise monitoring campaign is expected during operation to assure an acceptable noise level around the close vicinity.

GENERAL INFORMATION	
<b>Project Location</b>	Bandirma District, Balıkesir Province
<b>Technology</b>	Wind Power Plant
<b>Plant Capacity</b>	21 MWm
<b>Annual Energy Production</b>	73.5 GWh/year
<b>Annual CO<sub>2</sub> Reduction</b>	43,806 tCO <sub>2</sub> /year
TIME SCHEDULE	
<b>Start of Construction</b>	January 2016
<b>Expected Commercial Operation</b>	November 2016
FINANCIAL PARAMETERS	
<b>Total Project Cost</b>	EUR 22,500,000
<b>MidSEFF Loan</b>	EUR 5,000,000
<b>Payback Time</b>	5.5 years
<b>Internal Rate of Return</b>	22.8%

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