

## PROJECT DESCRIPTION

Çamseki Wind Power Plant (Extension) project consists of 18 x 2.35 MWe turbines with a rotor diameter of 92 m and a hub height of 78 m. The Çamseki WPP (Extension) has been connected to the national electricity grid with an existing 154 kV ETL. The plant expected to produce 120 GWh/year of energy (P50) equivalent. The energy produced will allow saving over 68,280 tCO<sub>2</sub>/year.

## ENVIRONMENTAL AND SOCIAL KEY ISSUES

- Environmental pollution from waste and emissions;
- Labor and working conditions;
- Health and safety for workers and community;
- Noise impact;
- Cumulative environmental and social impacts;
- Visuality and landscape issues;
- Post construction analysis; bird species, landscape impact and noise impact;
- Stakeholder involvement and public disclosure.

## MITIGATIONS/SUCCESSFUL IMPLEMENTATION

- Implementation of a formal HSE management system;
- Preparation and implementation of defined, written and declared policies related to Labour and Working Conditions;
- Workers and community health and safety plan/program;
- Stakeholder Engagement Plan implementation to involve and inform the stakeholders and to reduce the risk of conflicts with ensuring good public relations;
- Preparation of Waste Management Plan and related implementation forms;
- Photo-impact simulation required to allow an adequate level of awareness of stakeholders about the visual impact of the project;
- Preparation of Cumulative Impact Assessment Report;
- Bird monitoring for the post construction period;
- Noise monitoring during operation to assure a noise acceptable level for the close settlements;
- Landscape monitoring for the post construction period based on the Landscape Monitoring Plan.

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GENERAL INFORMATION	
Project Location	Ezine District, Çanakkale Province
Technology	Wind Power Plant
Plant Capacity	42.3 MWe
Annual Energy Production	120 GWh/year
Annual CO <sub>2</sub> Reduction	68,280 tCO <sub>2</sub> /year
TIME SCHEDULE	
Start of Construction	2017
Commercial Operation	April 2018
FINANCIAL PARAMETERS	
Total Project Cost	EUR 43,437,560
MidSEFF Loan	EUR 11,070,751
Payback Time	10.72 years
Internal Rate of Return	7.07 %