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PROJECT DESCRIPTION

The location of Amasya Wind Power Plant (WPP) project is Amasya Province, Merkez District, Halifeli-Beydağı Township.

The Amasya WPP will consist of 14x3.0 MWe wind turbines at a total capacity to produce 125,000,000 GWh/year of electricity based on a probability level of 75%, including the losses.

The electricity generation from a renewable source will replace the electricity from the national grid and enable reduction of 74,500 tonnes of CO₂ equivalent gases per year, as calculated for the base case scenario of electricity generation.

CARBON FINANCE

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

ENVIRONMENTAL AND SOCIAL KEY ISSUES

- Landscape Impact Assessment;
- Bird Species;
- Noise;
- Potential pollution/contaminant emissions during construction;
- Community Health and Safety.

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 before the operation to assure an acceptable noise level around the close vicinity;
- Preparation of a Traffic Management Plan.

GENERAL INFORMATION

Project Location	Merkez District, Amasya Province
Technology	Wind Power Plant
Plant Capacity	42 MWe
Annual Energy Production	125 GWh/year
Annual CO₂ Reduction	74,500 tCO ₂ /year

TIME SCHEDULE

Start of Construction	July 2015
Expected Commercial Operation	July 2016

FINANCIAL PARAMETERS

Total Project Cost	EUR 65,098,000
MidSEFF Loan	EUR 45,000,000
Payback Time	10.71 years
Internal Rate of Return	8.61%