



## SECTION A. Description of project activity

### A.1. Purpose and general description of project activity

The purpose of the project is to generate electricity from wind power and to deliver the generated output to the national grid of Uruguay. The project activity will reduce GHG emissions by displacing fossil fuel based electricity generation in the connected system. The proposed project consisting of 20 wind turbines of 2.5 MW with a total installed capacity of 50 MW will be implemented by Estrellada S.A., in the Department of Cerro Largo in Uruguay.

The main objectives of the project are:

- to bring in a new supplier/ independent power producer to the national electricity market and promote the sustainable development of the country, through the generation of electricity from 100% renewable energy
- to contribute to climate change mitigation and generate carbon credits that will provide necessary funding to make the project feasible;
- to reduce fossil fuel dependency of the host country by displacing fossil-fuel based electricity generation from the national system
- to improve environmental conditions in the region by increasing the share of renewable power generation;
- to contribute to the energy security of Uruguay by introducing a new, renewable and indigenous source of electricity.
- to decentralize energy production

The baseline scenario is the electricity delivered by the project activity that would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as indicated in the applicable methodology. This scenario is the same as the existing prior to the implementation of the proposed project activity.

The annual average net energy to be delivered to the grid by the project ‘Large scale wind farm project "Melowind"' is estimated at 195.8 GWh, resulting in GHG emission reductions of approximately 96,145 tones CO<sub>2</sub> per year by displacing fossil fuel based electricity generation from the national grid.

The project will positively contribute to the sustainable development of the host country in several ways, including the creation of a new source of employment in a region with low socio-economic development, the contribution to Uruguay’s energy security, and an improvement of Uruguay’s trade balance.

### A.2. Location of project activity

#### A.2.1. Host Party(ies)

Uruguay

#### A.2.2. Region/State/Province etc.

Department of Cerro Largo