

PERALTA WIND FARM URUGUAY

Pioneering wind power in Uruguay



By harnessing the natural power of wind, this project delivers clean renewable energy for 50,000 households in Uruguay, thus avoiding approximately 91,705 tons of CO₂e per year. This sustainable infrastructure project also engages with local communities and provides numerous benefits for residents.

The Context

Electricity in Uruguay is delivered to the grid via thermal power, fossil fuel based plants. This contributes to the climate impact of the country, producing greenhouse gases that are harmful to the local environment and the planet. Wind power offers a greener alternative while creating a range of social co-benefits that boost local economies.

The Project

The Peralta Wind Farm is located in Tacuarembó in the North of Uruguay. The project consists of 25 Gamesa wind turbines with a total capacity of 50 MW, generating renewable electricity to the national grid of Uruguay.

The Benefits

The project has created up to 100 new jobs during its construction phase and currently employs 6 workers, technicians and administrative staff. Purchasing local materials during the construction phase stimulated the economic development in the region and created indirect jobs in the transport, catering and hardware sector. The wind farm's key environmental benefit is its contribution to climate change action. It achieves significant greenhouse gas emission reductions by displacing electricity generated from fossil fuel-fired power plants.

The Peralta wind farm has been recognised by Harvard University as a pioneering sustainable infrastructure project.



**176,700
MWh**

generated per year providing clean, renewable energy to the national grid



**106
jobs**

created, boosting local economies with new income streams



**50,000
houses**

provided with renewable energy, improving sustainable infrastructures in Uruguay



**91,705
tCO₂e**

mitigated per year by providing a clean energy alternative to the burning of fossil fuels

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Peralta I Wind Power Project | **Markit link:** http://www.vcsprojectdatabase.org/#/project_details/1349 | **CDM link:** <https://cdm.unfccc.int/Projects/DB/TUEV-RHEIN1356676150.11/view>
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