



6MW Wind Farm in the Republic of Seychelles

The Port Victoria Wind Power Project, Masdar's six-MW wind farm in the Republic of Seychelles, is the country's first large-scale renewable energy project. It accounts for more than 8 per cent of the grid capacity on the archipelago's main island of Mahe, where 90 per cent of the country's residents live.

The plant consists of eight wind turbines spread over two small islands off the coast of Mahe, and five turbines located on Romainville Island and Ile du Port. The 750kW wind turbines are supplied by Unison Company, a South Korean turbine manufacturer and contractor.

Before the wind farm began operations, the Seychelles was entirely dependent on imported fossil fuels to supply its electricity needs. The integration of clean, sustainable energy is helping the island nation decrease its power outages, address its long-term energy security and reduce its carbon footprint. The project will produce nearly 7GWh of clean energy each year, displacing approximately 5,500 tonnes of carbon dioxide annually and electrifying more than 2,100 homes.

Quick Facts

- + First large-scale renewable energy project in the Seychelles.
- + The six-megawatt wind farm consists of eight 750kW wind turbines.
- + Supplies more than 8 percent of Mahe Island's grid capacity; producing nearly 7GWh per year.
- + Land area: 272,000 square metres (27.2 hectares).
- + Displaces about 5,500 tonnes of carbon dioxide per year.
- + Powers about 2,100 homes per year.
- + Saves 1.6 million litres of imported fuel per year.
- + The US\$28 million (AED 102.8 million) project was financed through a grant from ADFD.

The Port Victoria Wind Power Project is a major step towards meeting the Seychelles' energy policy, which aims to produce 15 per cent of its energy from renewable sources by 2030.

The project was financed through a US\$28 million (AED102.8 million) grant provided by the Abu Dhabi Fund for Development (ADFD) – a government entity dedicated to improving living standards in developing nations. Masdar developed and delivered the project, which is owned and operated by the Government of the Seychelles.