

## Kongres Container

# Macedonia wind power project supporting energy storage



## Overview

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What is wind power in North Macedonia?

Utility-scale and rooftop PV. Wind energy in North Macedonia is at an earlier stage but is poised for expansion. The country's first wind farm, the 36.8 MW Bogdanci Park (1 turbines), was built by ESM in 2014<sup>15</sup>. For nearly a decade, Bogdanci remained the sole wind project—wind cap.

How much is a solar power plant worth in Macedonia?

An estimated value of 70 million euros. Novaci Solar Power Plant: A MW facility completed by Mey Energy. North Macedonia enjoys high solar irradiation (1,200 kWh/kWp/year) and abundant degraded land, giving it an estimated technical potential of 100 GW.

What are the key drivers of wind power investment?

New policies and targets proposed in the REPowerEU Plan, The Green Deal Industrial Plan, European Wind Energy Action Plan, and a communication on delivering on the offshore wind strategy are expected to be important drivers of wind power investment.

What is the IEA Wind Energy Systems Technology collaboration programme?

The IEA Wind Energy Systems Technology Collaboration Programme, which provides an information platform for participating governments and industry leaders on co-operative R&D efforts to reduce the cost of wind energy technologies, increase transmission and power system flexibility, and raise social acceptance of wind energy projects.

Where will wind power be deployed?

Deep, relatively near-shore areas in France, Japan, Korea, Norway, Portugal, the United Kingdom and the west coast of the United States are expected to be the first to see large-scale deployment of this technology. Policy support continues to be the main driver of wind power deployment.

How many MW of wind will oject have?

oject aims for up to 400 MW capacity. Other sites with good wind potential, such as Miravci in the south, are under study face grid-connection queue backlogs. The government initially aimed for 160 MW of wind by 2024 and is now targeting 300–500 MW by 2030, subject to

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