

Should North Macedonia accelerate the transition to renewables?

Like others in the region, North Macedonia must balance its need to rapidly accelerate the transition to renewable to secure its energy future with the need to ensure that future is one where both the country's nature and people thrive.

How much solar power does North Macedonia have?

Solar power Built on a former lignite open pit mining site, North Macedonia's Oslomej solar park will have an installed capacity of 120 MW when fully completed. © Ciril Jazbec

Is North Macedonia a good candidate for smart siting?

Seeing the country's forward-thinking approach to renewables and natural beauty, The Nature Conservancy (TNC) identified North Macedonia as a prime candidate for the implementation of the smart siting approach currently being undertaken in Croatia and Serbia as well.

Does North Macedonia need a coal phase-out?

Even though the country has historically been dependent on lignite coal mining for around 30% and gas imports for an additional 15% of its electricity production, it has nonetheless set very ambitious goals for decarbonization. As part of the Powering Past Coal Alliance, North Macedonia has committed to a coal phase-out by 2027.

Is North Macedonia a biodiversity hotspot?

However, despite its small land area, North Macedonia also stands out as a biodiversity hotspot, housing a significant portion of Europe's biodiversity. This includes 64% of the continent's bird species and 34% of mammal species--all on an area smaller than 0.3% of the European subcontinent.

NORTH MACEDONIA WIND STORAGE SYSTEM



North Macedonia has initiated reporting on national systems for policies and measures and projections, but has yet to submit a report. North Macedonia is currently working on a draft Law on Climate Action that will contain provisions, among others, for ???



Companies from Croatia and Italy have lately shown interest in building standalone battery energy storage systems. The national transmission and distribution system operators in North Macedonia wouldn't be allowed to build battery stations for commercial purposes unless no other entity is interested.



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Renewable energy investor Alcazar Energy announced plans to invest \$500 million in what it called "the largest wind farm project in North Macedonia" with a capacity of up to 400-megawatts, on Tuesday.



Dubai-based sustainable infrastructure investor Alcazar Energy said today it will pour over USD 500 million (EUR 466m) into a project involving the construction of a 400-MW wind farm in North Macedonia, the largest one in the Balkan country.



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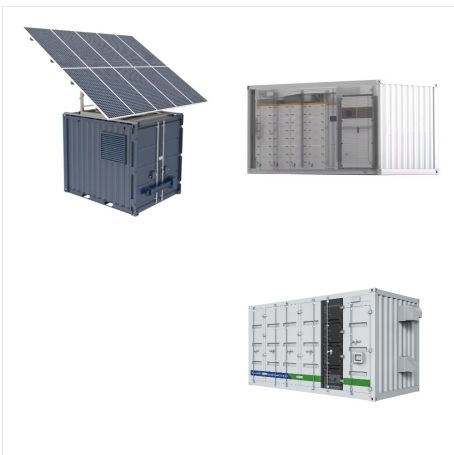
NORTH MACEDONIA WIND STORAGE SYSTEM



The grant for 9.2 million from the EU's Western Balkans Investment Framework was signed between the state-owned "Power Plants of North Macedonia" (AD ESM) and KfW Development Bank to develop the second phase of this already-successful wind park.

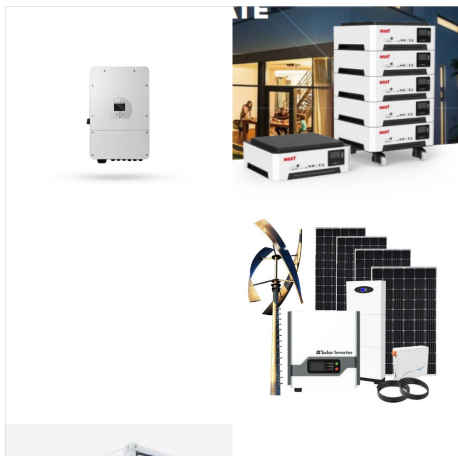


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NORTH MACEDONIA WIND STORAGE SYSTEM



Due to North Macedonia's grid connections with Greece, Bulgaria, Serbia and Kosovo, the project will help to both reduce energy shortages and support the transition to renewable energy in the Western Balkans and Southeast Europe.



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