

Slovenia: First wind farm construction, spatial plan approved

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Slovenia's first wind farm will be constructed in Paski Kozjak area. The Slovenian Government adopted a decision on the implementation of the national spatial plan for the area where Paski Kozjak wind farm should be built.

As stated, four wind turbines with combined installed capacity of 14 MW should be installed in Paski Kozjak area. The Government said that the construction of Slovenia's first larger wind farm will significantly contribute to the increase of electricity production from renewable energy sources. In May, the Government also adopted a decision on the implementation of the national spatial plan for Rogatec wind farm in eastern Slovenia.

Last December, hydropower company Dravske Elektrarne Maribor (DEM), a part of HSE Group, said it plans to build three wind farms in Slovenia in the next few years. The plants in question are Ojstrica, Paski Kozjak and Rogatec, which will have a total of 13 wind turbines and combined installed capacity of 46 MW, enough to generate an estimated 122 GWh of electricity per year. The combined value of all three projects is around 65 million euros. Last year, the Ministry of Environment and Spatial Planning is working on the draft national zoning plans for eight wind farms in order to increase the share of renewable energy in country's total production. Three wind farms planned for the western part of the country are Senoieska Brda, Zajcica and Dolenja Vas, while five of them - Mislinja, Paski Kozjak, Ojstrica, Rogatec and Plesivec are planned in the east. All of these wind farms will have installed capacity of at least 10 MW. In 2018, the output of Slovenia's two operational wind turbines (2.3 and 0.9 MW) was equivalent to just 0.04 % of country's energy consumption, generating a total of 6 GWh of electricity, which represents just 0.1 % of Slovenia's renewable energy production in 2018. This statistics places Slovenia near the EU's very bottom in exploiting wind potential, only Malta and Slovakia are worse.