



Čibuk 1 Wind Farm

Vojvodina, Serbia

The Čibuk 1 wind farm in Serbia is the largest utility-scale commercial wind project in Serbia and the Western Balkans. The wind farm has a capacity of 158 megawatts (MW) and was inaugurated in October 2019.

Led by Masdar, Abu Dhabi's renewable energy company, the project capitalises on Masdar's international renewable industry expertise in order to support Serbia's ongoing socio-economic development.

Covering an area of 37 square kilometers, Čibuk 1 is located approximately 50 kilometers outside Belgrade in the autonomous province of Vojvodina. Comprising of 57 wind turbines supplied by GE Renewable Energy, the project provides electricity to 113,000 homes and displaces more than 370,000 tonnes of carbon dioxide per year.

Besides helping to minimize the environmental impacts of Serbia's power sector, Čibuk 1 created approximately 400 local jobs during construction while also delivering 50 kilometers of new roads.

By 2020, Serbia has pledged to produce 27 percent of its domestic power needs from renewable energy sources, reducing the country's dependence on coal-fired power generation in line with European Union regulations. Čibuk 1 was Masdar's fifth wind farm in Europe after the

QUICK FACTS

- Inaugurated in October 2019
- Installed capacity of 158 MW
- The largest utility-scale commercial wind project in Serbia and the Western Balkans
- Powers 113,000 homes
- Displaces more than 370,000 tonnes of CO₂ per year

630 MW London Array, one of the world's largest offshore wind farms in operation, the 402 MW Dudgeon Offshore Wind Farm in England, and the 30 MW Hywind Scotland offshore wind farm, the world's first commercial-scale floating wind farm situated off the coast of Peterhead, Scotland. Masdar is also a partner in the 72 MW Krnovo wind energy project in Montenegro.