



Čibuk 1 Wind Farm

Voivodina, Serbia

The Čibuk 1 wind farm is the largest utility-scale commercial wind project in Serbia and the Western Balkans and comprises 158MW.

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 kilometres, Čibuk 1 is located approximately 50 kilometres outside Belgrade in the autonomous province of Voivodina. 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 minimise the environmental impacts of Serbia's power sector, Čibuk 1 created approximately 400 local jobs during construction while also delivering 50 kilometres of new roads.

By 2020, Serbia has pledged to produce 27 per cent 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.

Quick facts

- Inaugurated in October 2019
- Installed capacity of 158MW
- 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

Čibuk 1 is Masdar's fifth wind farm in Europe after the 630MW London Array, one of the world's largest offshore wind farms in operation, the 402MW Dudgeon Offshore Wind Farm in England, and the 30MW 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 72MW Krnovo wind energy project in Montenegro.

