



Čibuk 1 Wind Farm,

Vojvodina, Serbia

The Čibuk 1 Wind Farm is a utility scale wind farm under construction in Serbia. Due for completion in 2019, the 158 megawatt (MW) capacity wind farm will be the largest utility-scale commercial wind project in Serbia and the Western Balkans.

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 will be built approximately 50 kilometres outside Belgrade in the autonomous province of Vojvodina. Comprising of 57 wind turbines supplied by GE Renewable Energy, the project is expected to provide electricity to 113,000 homes on delivery and displace more than 370,000 tonnes of carbon dioxide per year.

Besides helping to minimise the environmental impacts of Serbia's power sector, Čibuk 1 is expected to create as many as 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 inline with European Union regulations.

Quick facts

- Due for completion in 2019, the 158MW Čibuk 1 wind farm will be the largest utility scale commercial wind project in Serbia and the Western Balkans
- It will provide clean, reliable and economically viable electricity to around 113,000 Serbian homes
- It is expected to displace more than 370,000 tonnes of carbon dioxide per year

The purchasing power agreement (PPA) for the project, signed on 27 October 2016, marked a critical milestone towards the successful realisation of the project, and showcased Serbia's commitment to modernising its energy sector.

On completion, Čibuk 1 will be Masdar's fourth wind farm in Europe after the 630MW London Array, the world's largest offshore wind farm 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 power development situated off the coast of Peterhead, Scotland.