WINDEES

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Innovative horizontal and vertical wind turbine on the roofs of buildings to enable the development of this renewable energy source.

Windees is an industrial-creative company specialising in innovative wind turbines for various types of buildings. The turbines generate power even in light to moderate winds, making them suitable for residential and commercial applications. During incubation, they plan to collaborate with research institutions for validation and testing. Turbines outperform solar panels in terms of energy production per unit area and can be customised based on customer needs. Wind power plants offer secure communication, remote diagnostics and compatibility with existing sustainable technologies.

Unique selling points:

- A new wind turbine solution located on the roof ridge.
- Solutions to enable the development of wind energy resources in conventional developments.
- A solution to take advantage of low to medium wind speeds.

Product

Wind turbine for building roofs

Technology readiness

Development

▶ Proof of concept

Prototype

First implementation

Extensive implementation

1/2023

B2C

windees.cz