

News Release

29.05.2026

Wind measurements at Tannenberg are expanded

Axpo is expanding the wind measurements at Tannenberg with a new measuring device. By October 2026, a LiDAR device will complement the data from the wind measurement mast installed since April 2025. Parallel data collection will enable a more precise assessment of wind conditions and therefore a more substantiated feasibility study for the planned wind park in the municipalities of Waldkirch and Andwil in St.Gallen.

In brief:

- Since April 2025, a 125-meter-high wind measurement mast at Tannenberg has been measuring wind conditions, weather conditions, and bat activity.
- Data collection will now be supplemented by a LiDAR device. Parallel measurement using both technologies enables more precise analysis of wind conditions. Wind measurements will therefore be extended until October 2026.
- In the first quarter of 2027, Axpo will present the measurement results and next steps in project planning at a public information event at Tannenberg.

To assess the feasibility of the planned wind park at Tannenberg, Axpo installed a 125-meter-high wind measurement mast on Waldkirch municipal territory in April 2025. Since then, it has been collecting data on wind conditions, weather conditions, and bat activity.

More precise data foundation thanks to LiDAR technology

Until October 2026, a LiDAR device (Light Detection and Ranging) will supplement the wind mast measurements. LiDAR is a laser-based measuring method that enables measurements above the 125 meters of the mast, thus creating a more comprehensive wind profile.

Simultaneous data collection by both measuring systems enables direct comparison of measured values and thus provides a more precise basis for assessing the feasibility of a wind park at Tannenberg. In particular, the influence of topography on wind conditions can be better estimated.



Public information event in first quarter 2027

The public information event originally scheduled for summer 2026 has been postponed to the first quarter of 2027 due to the extended wind measurement period. At this public event, Axpo will inform about the wind measurement results and next steps in project planning. Experts will be available for open discussion with the public and to answer questions.

Four wind turbines with 22 megawatts capacity

The planned wind park at Tannenbergrain will consist of four wind turbines with a total capacity of approximately 22 megawatts. The systems could produce around 30 gigawatt-hours of electricity per year – equivalent to the annual electricity consumption of approximately 7,000 households.

About Axpo

Axpo is driven by a single purpose – to enable a sustainable future through innovative energy solutions. Axpo is Switzerland's largest energy producer and an international leader in energy trading and the marketing of solar and wind power. Axpo combines the experience and expertise of about 7,500 employees who are driven by a passion for innovation, collaboration and impactful change. Using cutting-edge technologies, Axpo innovates to meet the evolving needs of its customers in more than 30 countries across Europe, North America and Asia.

Additional information

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