

News Release

02.10.2025

Axpo commences wind measurements at Dreibündenstein using innovative technology

Following successful public information sessions in the municipalities of Churwalden and Domleschg, Axpo is now launching the next phase of its planned wind energy project at Dreibündenstein in Graubünden. On Thursday, 9th October, a 125-metre wind measurement mast will be erected, featuring for the first time a fully autonomous energy system. Installation will proceed subject to suitable weather conditions.

The new wind measurement mast incorporates a distinctive feature: it operates entirely independently through an innovative combination of photovoltaic panels, two wind generators positioned approximately eight metres up the mast, and battery storage. The battery system is charged by both the PV panels – mounted on the mast and container – and the wind generators. This solution, developed exclusively for the Dreibündenstein project by CKW, an Axpo subsidiary, eliminates the need for complex electrical connections whilst ensuring reliable data collection in remote locations.

The system is housed within a specialised container and can be monitored remotely by Axpo. During extreme weather conditions, the container can even be heated. "This technological innovation enables us to conduct wind measurements at previously inaccessible locations," explains Cédric Aubert, Head of Wind Switzerland at Axpo. "The autonomous system will collect precise data on wind speed, wind direction, weather conditions, and bat activity over a minimum period of one year, completely independent of local power infrastructure."

Wind farm with substantial potential

The Dreibündenstein site is planned to accommodate up to eight wind turbines with a combined capacity of approximately 40 megawatts. These could generate more than 65 gigawatt-hours of electricity annually - equivalent to the yearly consumption of around 14,000 households. Particularly valuable is that approximately 60 per cent of electricity production would occur during winter months, when Switzerland has an especially urgent need for additional renewable energy.

Community support

The information sessions in Churwalden and Rodels, Domleschg, attracted considerable interest. "Public acceptance is a prerequisite for the project," emphasises Cédric Aubert. The wind measurements will provide the scientific foundation for further project development and feasibility assessment.

Alongside the wind measurements, Axpo is conducting detailed transport and grid studies to examine all technical and logistical aspects of the proposed wind farm.

Axpo advances wind energy expansion

The Dreibündenstein project forms part of Axpo's comprehensive wind energy strategy. The company is developing several wind projects across Switzerland, consistently emphasising close collaboration with local partners and communities. The innovative measurement system could be deployed at other remote locations in future, facilitating the development of additional wind energy projects.

Community dialogue: wind experts provide information in Churwalden and Domleschg

Axpo's wind experts will be present in the region on the following dates to provide information about the project and current wind measurements:

- **Churwalden:** Friday, 24th October 2025, 4:00-7:00 PM, Ried Car Park
- **Feldis:** Saturday, 25th October 2025, 9:00-11:00 AM, at the School Building
- **Paspels:** Saturday, 25th October 2025, 11:30 AM-1:30 PM, Cureia Car Park
- **Almens:** Saturday, 25th October 2025, 2:00-4:00 PM, at the School Building

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 more than 7,000 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 over 30 countries across Europe, North America and Asia.

Additional information

Axpo Holding AG, Corporate Communications
T 0800 44 11 00 (Switzerland) | T +41 56 200 41 10 (International)
(Available 8.00 a.m. to 5.30 p.m.)
medien@axpo.com