

Press Release

ETIP HYDROPOWER STAKEHOLDERS VISIT KÜHTAI 2 PUMPED STORAGE PLANT

30 Energy Experts from 11 European Countries have Gathered to Visit One of Europe's Most Advanced Pumped Storage Projects Under Development

Innsbruck, Austria, 10 June 2025 -- To provide stakeholders with the opportunity to experience firsthand a facility poised to play a pivotal role in Europe's clean energy transformation, ETIP HYDROPOWER—supported by both Voith and ANDRITZ—organised a stakeholder visit to the Kühtai 2 Pumped Storage Power Plant, located in the Austrian Alps, on 6 June 2025.

This unique visit has been organised in collaboration with **TIWAG-Tiroler Wasserkraft AG (TIWAG)**, offering 30 stakeholders from across Europe exclusive access to **one of Europe's most advanced pumped storage hydropower (PSH) projects currently under development**.

Recharging Europe's Energy System

Electricity storage remains the essential pillar of the energy transition, enabling the integration of variable renewable energy sources, enhancing security of supply and reducing reliance on imported fossil fuels. In this context, Pumped Storage Hydropower has emerged as a proven, reliable, and large-scale storage solution and will play a key role in securing a sustainable and resilient European energy future.

With several gigawatts of PSH under construction and tens of gigawatts in the pipeline across Europe, the region is experiencing a revival of investment and innovation in this field. Europe stands not only as a growing PSH market but also as a global hub for hydropower excellence.

"Pumped storage hydropower is essential for grid stability, system flexibility, and the large-scale integration of renewables. Kühtai 2, developed by TIWAG, exemplifies how this proven technology can contribute to Europe's clean and resilient energy future."

"As a key partner in this flagship project, Voith Hydro contributes with cutting-edge technology, deep expertise and long-standing commitment to collaboration across the industry."

— **Radu Carja, Chief Sales Officer, Voith Hydro**

"Thank you to ETIP HYDROPOWER and TIWAG for the opportunity to gain such impressive insights into Europe's largest dam construction sites. ANDRITZ is supplying two cutting-edge motor generators for this key plant, and ETIP HYDROPOWER is fulfilling its role as a European hub by offering stakeholders access to state-of-the-art technology and valuable exchange."

"This project is a crucial building block. Without hydropower and pumped storage, Europe's energy transition cannot succeed. It's not just about supply security, but also about using domestic resources, creating European added value, and strengthening know-how."

— **Peter Stettner, ANDRITZ Hydro and Co-Chair of the ETIP HYDROPOWER Governing Board**

A Glimpse into the Kühtai 2 project

Located in Tyrol, Austria, Kühtai 2 is being developed by TIWAG and is part of the expansion of the Sellrain-Silz power plant group. The plant is equipped with two variable-speed pump-turbine units of 95 MW each and full-size frequency converters, making it one of the most advanced flexible generation assets in Europe.

The newly built Kühtai reservoir and the additional natural inflow from the Ötztal and Stubaital valleys will significantly enhance the plant's generation capabilities, allowing it to flexibly store and dispatch renewable electricity on demand.

As Europe advances toward a more sustainable and resilient energy system, projects like Kühtai 2 underline the indispensable role of hydropower and the importance of cross-sector collaboration and stakeholder engagement.

ABOUT ETIP HYDROPOWER

ETIP HYDROPOWER is dedicated to advancing hydropower's role in Europe's clean energy transition. Funded by the EU's Horizon Europe programme, it unites stakeholders from industry, academia, civil society, and associations and aims to consolidate the hydropower sector's voice and promote sustainable, multipurpose hydropower schemes across Europe.

ABOUT ANDRITZ

ANDRITZ Hydropower is one of the world's leading suppliers of electromechanical equipment and services for hydropower stations. Based on 185 years of experience and a global installed capacity of 489 gigawatts, Andritz offers innovative solutions for new and existing hydropower stations, from small hydropower to large-scale plants. State-of-the-art digital solutions, comprehensive services for the operation and maintenance of entire hydropower plants, and turbo generators for the thermal industry complete the portfolio.

ABOUT VOITH

The Voith Group is a global technology company with 22,000 employees and operations in over 60 countries. Founded in 1867, it generates €5.5 billion in sales and serves the energy, paper, raw materials, and transport sectors. **The Group Division Voith Hydro** is part of the Voith Group and a leading full-line supplier for hydropower plants worldwide. It offers customized, long-term solutions for both large and small hydro plants. Its portfolio includes turbines, generators, pumps, automation systems, and digital solutions. Voith also provides spare parts, maintenance, and training services for the entire plant lifecycle.

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