

Media release

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Hydrogen production facility at the Wildegg-Brugg hydropower plant forging ahead

Axpo is planning a hydrogen production facility at the Wildegg-Brugg hydropower plant, which is expected to produce green hydrogen from domestic hydropower by the spring of 2024. Some of this climate-friendly hydrogen will be delivered directly to the nearby Voegtlín-Meyer filling station via a pipeline, and contribute to decarbonisation in the mobility sector. The building permit application for the project was submitted today.

Axpo's planned 15-MW hydrogen production facility in Wildegg-Brugg will use electrolysis to produce around 2000 tonnes of green hydrogen per year. The electricity required for production will come entirely from the nearby Wildegg-Brugg run-of-river power plant. The direct connection to the power plant enables climate-friendlier hydrogen production. Some of the hydrogen will be transported to the nearby Voegtlín-Meyer filling station via a new pipeline.

In the future, Voegtlín-Meyer will make green hydrogen available to regional users at its hydrogen filling station. IBB also plans to use the waste heat produced by means of electrolysis and make this renewable energy available to industries in the area.

Cooperation in the Canton of Aargau

The realisation of the hydrogen production facility and the pipeline to the nearby filling station are a cooperative project: Axpo, Voegtlín-Meyer, IBB and the City of Brugg signed a joint memorandum of understanding in November 2021.

The approximately 2000 tonnes of green hydrogen are sufficient to power about 300 trucks or buses per year. The project will thus make an important contribution to reducing CO₂ emissions in the mobility sector.

Further information on the topic:

- [What exactly is hydrogen?](#)
- [Dossier hydrogen](#)



About Axpo

Axpo is driven by a single purpose – to enable a sustainable future through innovative energy solutions. As Switzerland's largest producer of renewable energy and an international leader in energy trading and the marketing of solar and wind power, Axpo combines the experience and expertise of more than 5,000 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.

About the City of Brugg

As an "energy city" Brugg is committed to energy efficiency and climate protection. Brugg promotes and supports the production of renewable energies. The planned production facility and using some of this hydrogen locally will supplement the city's current energy measures and make an important contribution to more sustainable mobility, particularly in local public transport.

About IBB

With the credo "IBB – Der Anschluss ans Leben" (IBB – the connection to life), we ensure the supply of energy, water and communications for the region of Brugg. We have an excellent, solution-oriented rapport with our customers and are committed to the region. It is important to us to bring sustainable, user-oriented innovations to maturity.

About Voegtlín-Meyer

Voegtlín-Meyer, a long-established, Brugg-based company, is active in the area of heating oil services and tank inspections. In addition, Voegtlín-Meyer operates filling stations located primarily in the Canton of Aargau and also operates buses on behalf of PostAuto AG in Brugg and the neighbouring region. Voegtlín-Meyer is also responsible for municipal waste disposal (green and grey waste) in numerous towns in the Canton of Aargau.

More information

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