

# Media Release

15 November 2021

## Cooperation for climate-friendly hydrogen project in the Canton of Aargau

**The construction of a climate-friendly hydrogen production facility at the Wildschachen industrial area in Brugg (AG) is in planning. Axpo, Voegtlin-Meyer, IBB Energie AG (IBB) and the city of Brugg have signed a memorandum of understanding to this end. Axpo plans to deliver green hydrogen generated from domestic hydropower directly to the Voegtlin-Meyer filling station via a pipeline. The project will contribute to decarbonisation in the Swiss mobility sector. A decision by the local citizens of Brugg for the allocation of the property for construction is pending.**

Green hydrogen is one of the most climate-friendly energy sources, especially in the area of industry and mobility, and it is a key component to achieve the decarbonisation strategies of Switzerland and the EU. Axpo, as the largest producer of renewable energies in Switzerland, wants to play a leading role and is expanding in the area of hydrogen with the project. The project foresees a hydrogen production facility designed with an installed capacity of up to 15 MW. The plant will produce about 2000 tonnes of green hydrogen per year by means of electrolysis. The power required for production will come entirely from the near-by Wildeggen-Brugg hydropower plant. The production facility is directly connected to the power plant and, thus ensures climate neutral hydrogen production. The power plant is owned to 100% by Axpo.

### Reducing CO<sub>2</sub> emissions in the mobility sector

The produced hydrogen will be delivered to Voegtlin-Meyer's local filling station, and also sold to other filling stations in the region. Voegtlin-Meyer plans to make the green hydrogen available to private consumers. In addition, the hydrogen will be used to power buses operated by PostAuto AG. The produced volume is sufficient to power about 300 trucks, Post buses or other buses for a year. The project makes an important contribution to the reduction of CO<sub>2</sub> emissions in the mobility sector.

### Renewable energies for industrial neighbours

IBB will take over project planning for the pipeline connecting the Wildschachen production facility to the filling station. In a further step, the company plans to use the waste heat produced by means of electrolysis and make this energy available to industry in the Wildschachen area in a heat network.

### Central location in the industrial area in Brugg

The plant will be built on a plot, which belongs to the citizens of Brugg, in the Wildschachen industrial area. The location is ideally suited owing to its central location close to the Axpo Wildeggen-Brugg power plant and the Voegtlin Meyer filling station. The citizens of Brugg will decide on the allocation of the property for construction in December 2021. If the decision is positive, Axpo will launch preparations for the building permit application. Commissioning of the plant and hydrogen delivery to the Post bus fleet is planned for the end of 2023.

**About Axpo:** Axpo is Switzerland's largest producer of renewable energy and an international leader in energy trading and the marketing of solar and wind power. 5000 employees combine experience and expertise with a passion for innovation. Axpo develops innovative energy solutions for its customers in 30 countries in Europe, North America and Asia based on state-of-the-art technology.

### 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 Voegtlin-Meyer**

Voegtlin-Meyer, a long-established, Brugg-based company, is active in the area of heating oil services and tank inspections. In addition, Voegtlin-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. Voegtlin-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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