Press release

H2EU+Store: Feasibility study confirms great potential for green hydrogen from western Ukraine

Vienna, Munich, 9 December 2025 – The international industry partnership **H2EU+Store** has completed its feasibility study. The study examined all key areas of the entire hydrogen value chain – from production and transport to potential consumption (upstream, midstream and customer demand). The results show that **green, RFNBO** (Renewable Fuels of Non-Biological Origin) **compliant hydrogen can be produced on a large scale at competitive prices in western Ukraine and transported to Central Europe via existing infrastructure.**

The study confirms that western Ukraine – due to its **excellent wind and PV resources**, sufficient water availability and access to existing transnational gas infrastructure – offers ideal conditions for the production of green hydrogen, which can be exported to European markets via existing pipelines. As the EU's eastern neighbour, western Ukraine can play a key role in the development of the European Hydrogen Backbone's eastern import corridor, making the region a strategically important location and an essential component of the European energy system's transition.

Key findings of the study:

• **Significant production capacities:** Western Ukraine, and in particular the regions (oblasts) of Lviv and Ivano-Frankivsk, have large renewable energy sources with enormous potential for further expansion and are strategically located. This makes them among the most promising locations for the future production of green hydrogen.

• **Transport via pipelines feasible and economical:** Pipeline-based transport of hydrogen is by far the most cost-effective form. Ukraine has a comprehensive pipeline network that provides a direct connection to Austria and southern Germany via Slovakia, enabling it to form a central element of the EU's eastern import corridor.

• **High demand:** Large-scale hydrogen projects require long-term guaranteed off-take. The analyzed industrial regions– the Linz industrial cluster (Upper Austria) and ChemDelta Bavaria (southern Germany) – have the corresponding demand potential.

The feasibility study forms the basis for the next project phase: the development of hydrogen production capacities in western Ukraine and the integration of Ukraine into the eastern corridor of the **European Hydrogen Backbone**. This marks an important step towards the market ramp-up of hydrogen.

With the border crossing point in the Überackern/Burghausen area, bayernets GmbH is making an important contribution to connecting the Eastern European hydrogen import corridor with Germany's core hydrogen network. By cooperating with the other companies along the entire value chain within the H2EU+Store project, early coordination between hydrogen production and demand is made possible.

“Alongside the SoutH2 Corridor, the H2EU+Store project represents another highly promising initiative to further advance the creation of a fully functional European hydrogen network.
To provide long-term planning security for the many industrial companies in Bavaria, it is essential to make diversified hydrogen sources available through our infrastructure as early as possible,” says Dr. Matthias Jenn, Managing Director of *bayern**ets*** GmbH.

About H2EU+Store
H2EU+Store is an international partnership of leading energy companies such as the initiators RAG Austria and Eco-Optima, as well as other project members Bayerngas, *bayern**ets***, eustream, Gas Connect Austria, MND, NAFTA and Open Grid Europe, which has set itself the goal of accelerating the market ramp-up of green hydrogen in Europe. The project is supported by Gas TSO of Ukraine and UKRTRANSGAZ.

Further information is available at https://www.h2euplusstore.com