H2EU+Store

Green Hydrogen from Ukraine for Europe

H2 EU Store

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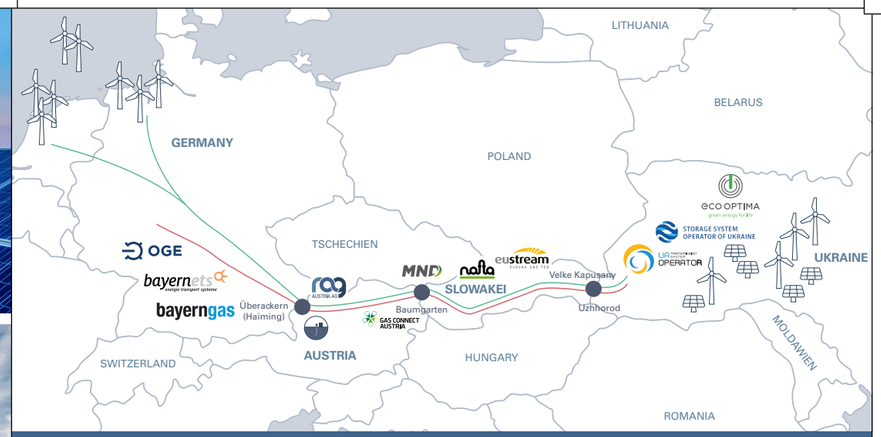
Hydrogen from sun and wind will be produced in Ukraine, transported and stored for seasonal demand in Central Europe

H2 EU Store

This international industry partnership was founded by RAG Austria and Eco-Optima to plan a hydrogen economy along the entire value chain. In order to accelerate and ramp up the production of green hydrogen for Europe, which is vital for a climate-neutral future European energy supply, the international industry partnership consisting of Bayerngas, bayernets, Eco-Optima, eustream, MND, Nafta, Open Grid Europe and RAG Austria has implemented the “H2EU+Store“ project.

“H2EU+Store“ will on the one hand create the necessary capacities for renewable electricity and hydrogen production in Ukraine and on the other hand expand storage volumes in Austria, accompanied by adaptations in the area of gas transport to Central Europe.



Cross-border European cooperation necessary – energy without borders

In order to fulfil its intended role in the transformation of the European energy system, the energy carrier hydrogen must also be available in appropriate quantities and at competitive prices. In addition to local hydrogen production within the EU, importing a significant amount of green hydrogen to meet demand is essential.

In onshore Europe, Ukraine offers best conditions for large-scale, green hydrogen production. Ukraine combines an enormous potential for electricity production from sun and wind with access to existing supra-regional gas infrastructure for the transport of hydrogen to Central Europe. This is also in line with the European Union’s hydrogen strategy, in which Ukraine is seen as one of the primary partners for the hydrogen rollout.

INITIATORS

RAG AUSTRIA AG

eco OPTIMA green energy for life

SUPPORTERS

UA TRANSMISSION SYSTEM OPERATOR

STORAGE SYSTEM OPERATOR OF UKRAINE

PROJECT MEMBERS

bayernets energie transport systeme

bayerngas

OGE

GAS CONNECT AUSTRIA

nafta

eustream SLOVAK GAS TSO

MND