

Where is the first hydrogen filling station in Switzerland?

SOCAR Energy Switzerland opened the first hydrogen filling station on a Swiss motorway, located at Grauholz Süd near Bern. This milestone marks SOCAR's commitment to developing a nationwide network of hydrogen filling stations, promoting sustainable mobility and reducing CO2 emissions.

Does Switzerland have a hydrogen station network?

The transition to cleaner and more sustainable energy sources is a global priority, and Switzerland is no exception. In this context, hydrogen is emerging as a promising alternative for mobility and carbon reduction. This article explores the evolution of the hydrogen station network in Switzerland since 2015 and provides forecasts up to 2025.

When was the first hydrogen station opened in Switzerland?

The first hydrogen station in Switzerland opened in 2016, marking the start of a new era in the country's alternative fuels infrastructure. This initial milestone was part of a concerted effort to encourage the use of hydrogen vehicles, known for their low emissions and high energy efficiency.

What companies are involved in the development of hydrogen in Switzerland?

Hydrogen Mobility Switzerland: A consortium of companies leading the expansion of hydrogen infrastructure.
Alpiq: A Swiss energy company that is investing in the production and distribution of green hydrogen.
H2 Energy: A company dedicated to the development of hydrogen solutions for transport and industry.

Is hydrogen a good energy storage option for Switzerland?

For Switzerland, hydrogen is especially interesting for seasonal energy storage to store solar energy produced in large quantities during summer months. The hydrogen storage with a seasonal cycle is a necessary complement to the battery storage with a daily cycle.

Why does Switzerland need a hydrogen economy?

The development of the hydrogen economy in Switzerland is currently inhibited by the insufficient production of renewable energy, particularly photovoltaic solar power, as Swiss hydropower currently needs to be used in the first place to meet energy demand in other applications.

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