

# Swiss Compression Energy Storage Project





## Overview

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Which energy storage projects have been commissioned in Switzerland?

Axpo commissioned its BESS in February this year while utility Thurplus commissioned a 3MW system in September last year. But Switzerland was the location for one of the largest energy storage projects commissioned in recent years, a 20GWh pumped hydro energy storage (PHES) unit which started operations in June 2022 in the Canton of Valais.

Where is the largest battery storage system in Switzerland?

In Kappel, in the canton of Solothurn, one of the largest battery storage systems in Switzerland is currently under construction, with a total capacity of 65 megawatt-hours. The successful delivery of all system components marks a key milestone on the path to commissioning. Primeo Energie will use our storage system to provide energy flexibility.

How did intilion transport containers from China to Switzerland?

INTILION managed the entire transport chain from China to Switzerland – including shipping, customs clearance, and interim storage. Instead of relying on a complex road transport solution, INTILION chose an alternative approach: all 16 containers were transported together by inland vessel along the Rhine, from Rotterdam to Birsfelden.

Does Switzerland's new large-scale battery support the Energy Strategy 2050?

The new large-scale battery for Switzerland in Kappel supports the Energy Strategy 2050 and supports renewable energies.



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### [Large-scale battery for Switzerland: 65 ...](#)

We are delighted to be taking a significant step in the Swiss energy transition together with Primeo Energie. In Kappel, in the canton of Solothurn, we will install one of the largest battery storage systems in Switzerland with a ...

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### **SNF-Project - Electricity Storage via Adiabatic Air Compression**

Source: SNF channel Lead - The joint project provides an integrated investigation along a value chain of advanced adiabatic compressed air energy storage (AA-CAES), the only large ...

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### **Switzerland's EUR2 Billion Energy Storage Project: Powering the ...**

Switzerland's new EUR2 billion energy storage initiative isn't just another infrastructure project - it's a moonshot combining hydropower tradition with cutting-edge tech. Let's unpack ...

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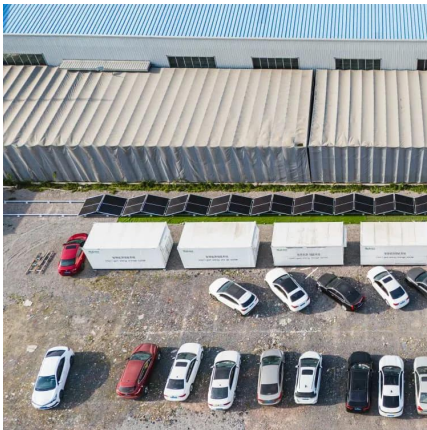
### [Energy storage innovation in Switzerland: a ...](#)

For the first time, a pilot project called Alacaes is developing a new system that stores electricity in the form of compressed air in the Swiss Alps, with the support of the Swiss Energy Ministry.



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## Large-scale battery for Switzerland: 65 megawatt hours of ...

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## ALACAES

ALACAES is a privately held Swiss company that is developing an advanced adiabatic compressed air energy storage (AA-CAES) solution for large-scale electricity storage. ...

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## Mountain Tunnels Store Compressed Air and Heat

In future, compressed air energy storage systems can be used as batteries in the Alps, in the same way as pumped storage power stations. Summary of the research project "Optimising ...

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## Switzerland: EWS and MW Storage expand battery unit to ...

The project in Ingenbohl, Switzerland. Image: EWS AG. Utility EWS AG and developer MW Storage have completed the expansion of a battery energy storage system ...

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In future, compressed air energy storage systems can be used as batteries in the Alps, in the same way as pumped storage power stations. Summary of the research project "Optimising compressed air storage". This project is ...

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## Compressed Air Energy Storage in Switzerland:

CAES - Compressed Air Energy Storage How can we make this technology competitive vs Pumped Hydro Energy Storage?

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## Switzerland: EWS and MW Storage expand ...

The project in Ingenbohl, Switzerland. Image: EWS AG. Utility EWS AG and developer MW Storage have completed the expansion of a battery energy storage system (BESS) project in Switzerland from 20MW ...

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