

How can Swiss companies lead in energy transition?

As power shifts to renewables, smart systems, AI and flexibility are key for Swiss firms to remain competitive and boost resilience. To lead in energy transition, companies need major investment and smart risk planning.

What is the energy transition in Switzerland?

The energy transition in Switzerland - driven by decarbonization, electrification, decentralization and digitalization - poses major challenges and opportunities for businesses. Rising risks from energy insecurity, regulatory shifts and infrastructure needs demand urgent action.

What happened to Switzerland's energy system in 2021 & 2022?

Late 2021 and 2022 exposed deep systemic security vulnerabilities in Switzerland's energy system. Delayed maintenance in French nuclear plants, droughts reducing hydroelectric output and disrupted logistics along the Rhine river - compounded by geopolitical tensions - led to energy shortages and soaring prices.

What will Switzerland's energy policy look like in 2050?

Switzerland's long-term energy policy is committed to phasing out nuclear power by 2045 and ramping up renewables to 45 TWh by 2050 (from 6 TWh today). The bulk will come from photovoltaics. This massive shift implies that the future energy production mix will be more volatile, distributed and weather-dependent.

The CGES public-private platform enhances the stability, security, and resilience of the Swiss energy system by supporting the development of green storage through scalable demonstrator projects and ...

At Schindler Group's global headquarters in Ebikon (Canton of Lucerne), Energy Vault has deployed an energy storage system which is operating and qualified by Swissgrid. Energy Vault ...

Key messages Energy storage is crucial for the successful implementation of the Energy Strategy 2050. A variety of storage technologies will balance out short- and long-term energy ...

Weather resilience of the electricity system with high shares of Variable Renewable Energy Sources (VRES) could potentially be increased by spatially siting these sources in a way that ...

You know, Switzerland's energy landscape is at a crossroads. With nuclear phase-outs accelerating and renewable targets tightening (40% clean energy by 2035), the country's recently ...

Why Switzerland's Mega Energy Storage Project is Making Headlines a country famous for chocolate, precision watches, and Alpine peaks is now tackling energy storage like a cuckoo clock ...

Discover how the sustainable energy transition, shaped by decarbonization and geopolitical tensions, is redefining energy security and business resilience.

Battery storage systems are crucial for the energy transition. Find out how Swissgrid is driving forward their

integration into the grid.

Importing renewable energy carriers requires a storage capacity similar to the seasonal storage for domestic production of renewable energy. Renewable energy production in Switzerland ...

I don't think battery storage is a one-technology-takes-all market. I think there is room, as it's too big a market and there are too many different applications of energy storage, for at least two, if not five to ...

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