



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
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Bundesamt für Energie BFE
Office fédéral de l'énergie OFEN
Ufficio federale dell'energia UFE
Uffizi federal d'energia UFE



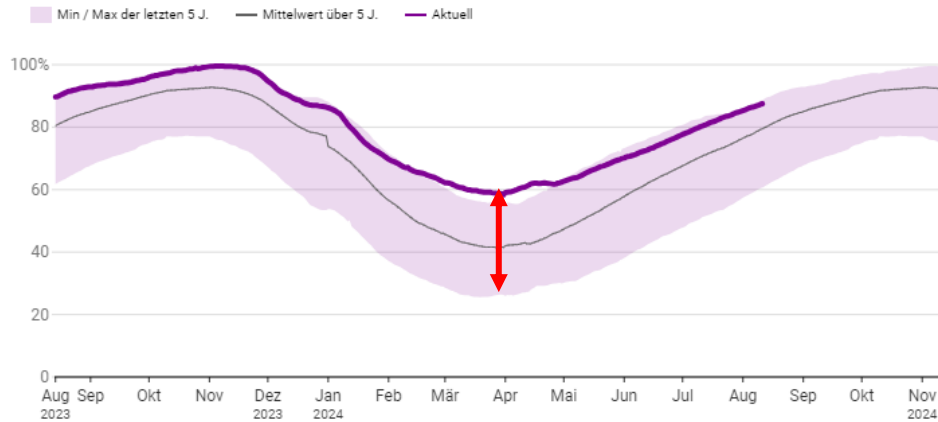
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POLITICAL CONDITIONS IN SWITZERLAND

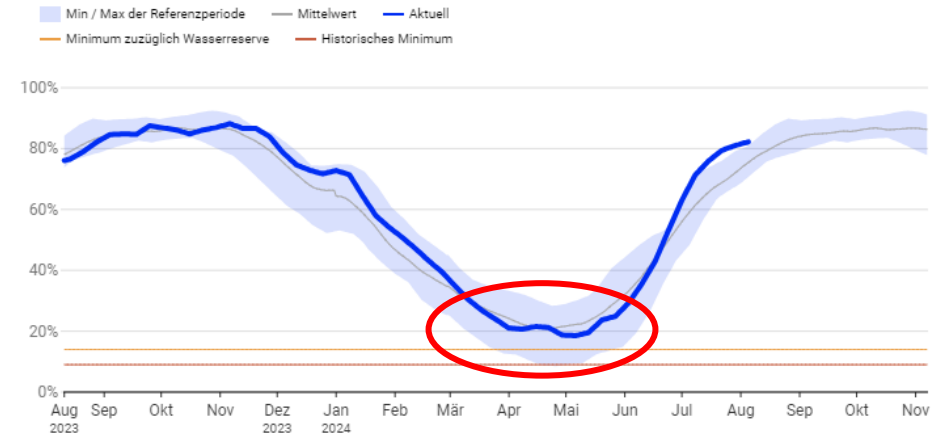


SUPPLY SECURITY

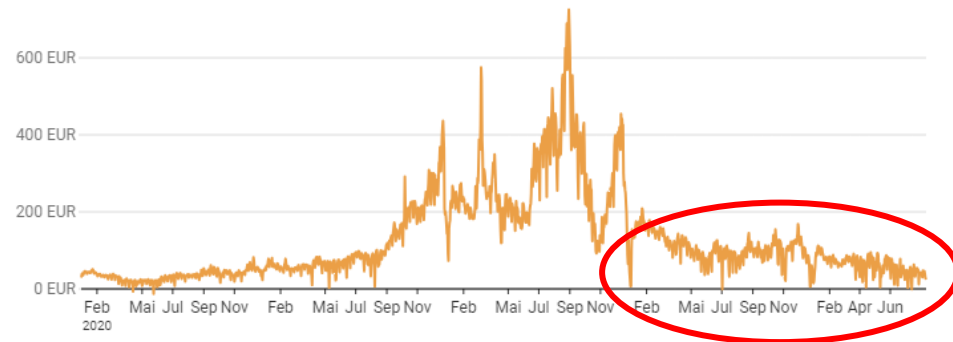
Gas Storage Levels EU



Storage Level Swiss Lake Reservoirs



Development of the Electricity Prices

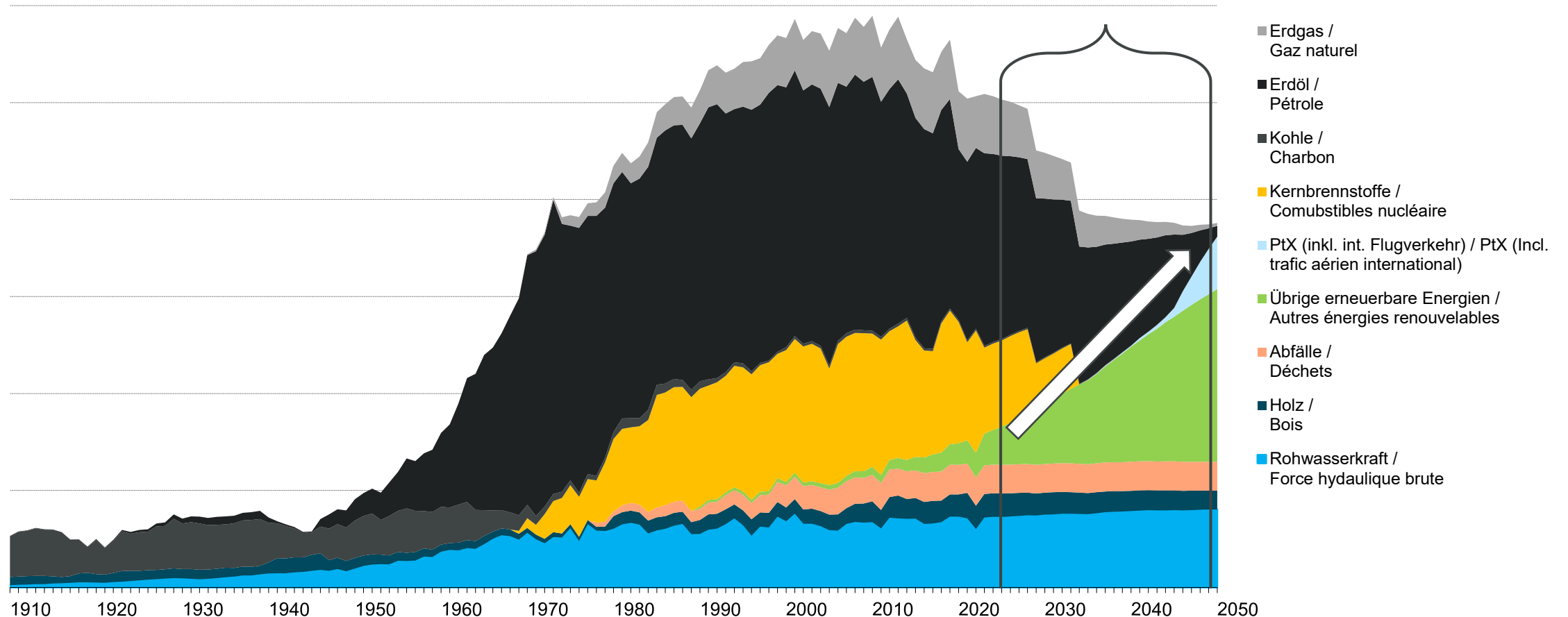


- Energy supply is guaranteed at the moment
- Lasting risks that require measures



ENERGY CONSUMPTION UNTIL 2050

**+90 TWh Renewable Energies
(Electricity, heat and molecules)**



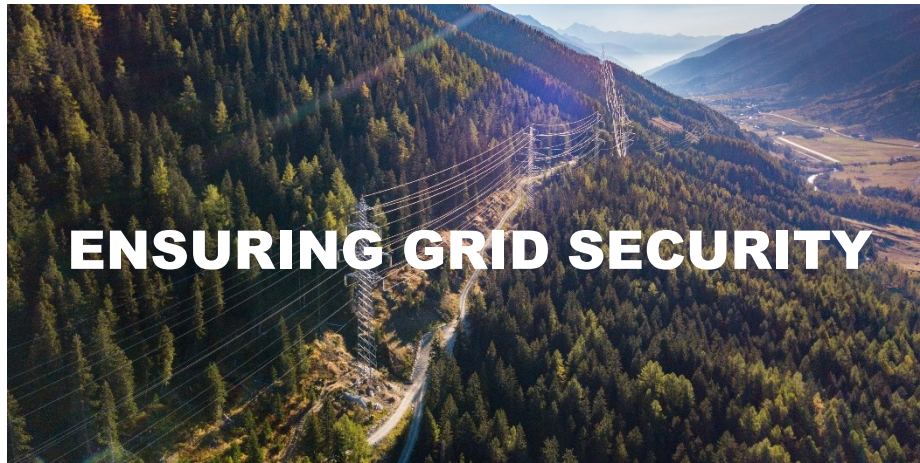


CHALLENGES

- **Considering all interests:** Switzerland is a densely populated country. Balancing different interests (landscape, nature, energy production) is not always easy.
- **Time:** Planning and approval procedures are time-consuming. If appeals are raised, implementation takes even longer.
- **Supply security:** The general conditions are changing quickly, which makes it more difficult to guarantee a secure power supply.



FEDERAL LAW FOR A SECURE SUPPLY WITH RENEWABLE ENERGY: GOALS





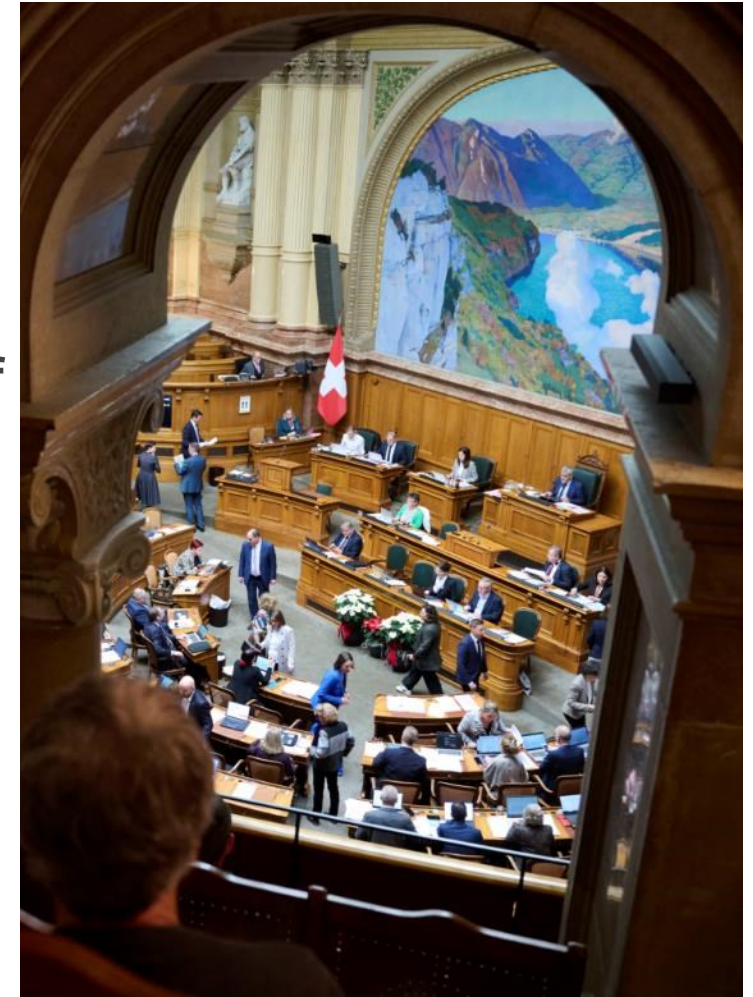
FEDERAL LAW FOR A SECURE SUPPLY WITH RENEWABLE ENERGY – NEXT STEPS

- Law was approved on June 9th.
- Consultation on the ordinances ran until the end of May 2024.
- Phased entry into force planned as of 01.01.2025 (in particular most EnG topics) or 01.01.2026 (in particular grid usage tariffs, subject to Federal Council decision).



SUCCESSION «RETTUNGSSCHIRM»

- **Federak Act on Supervision and Transparency in Wholesale Energy Trading Markets (BATE)**
 - Strengthening the supervision of ElCom through increased transparency
- **Requirements for system-critical companies (revision of StromVG)**
 - Guarantee liquidity and ensure greater stability
 - Consultation is being evaluated
- **Business Continuity Management (BCM)**
 - Continued operation even in exceptional situations
 - Work not yet completed





GRID

Decentralized electricity production puts grid under pressure

- Electricity grid needs to be expanded
- 2/3 of the transmission network is over 40 years old.
- The grid needs to be renewed





ACCELERATED EXPANSION OF RENEWABLE ENERGIES AND GRIDS

Acceleration Grid

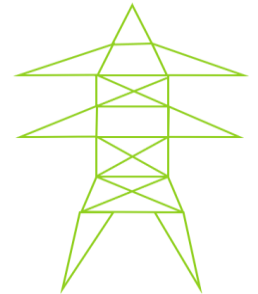
→ shorten procedures

- Additional electricity must be transported safely and economically.
- Top down grid must be adapted to decentralized production.

Acceleration Act

→ shorten procedures

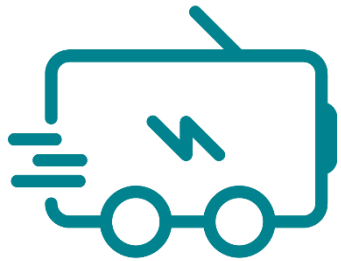
- Accelerate planning and approval procedures for facilities of national interest.





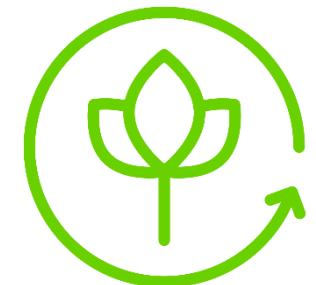
ENERGY STORAGE

- **Lake reservoirs** are important components for supply security, especially in winter → natural battery



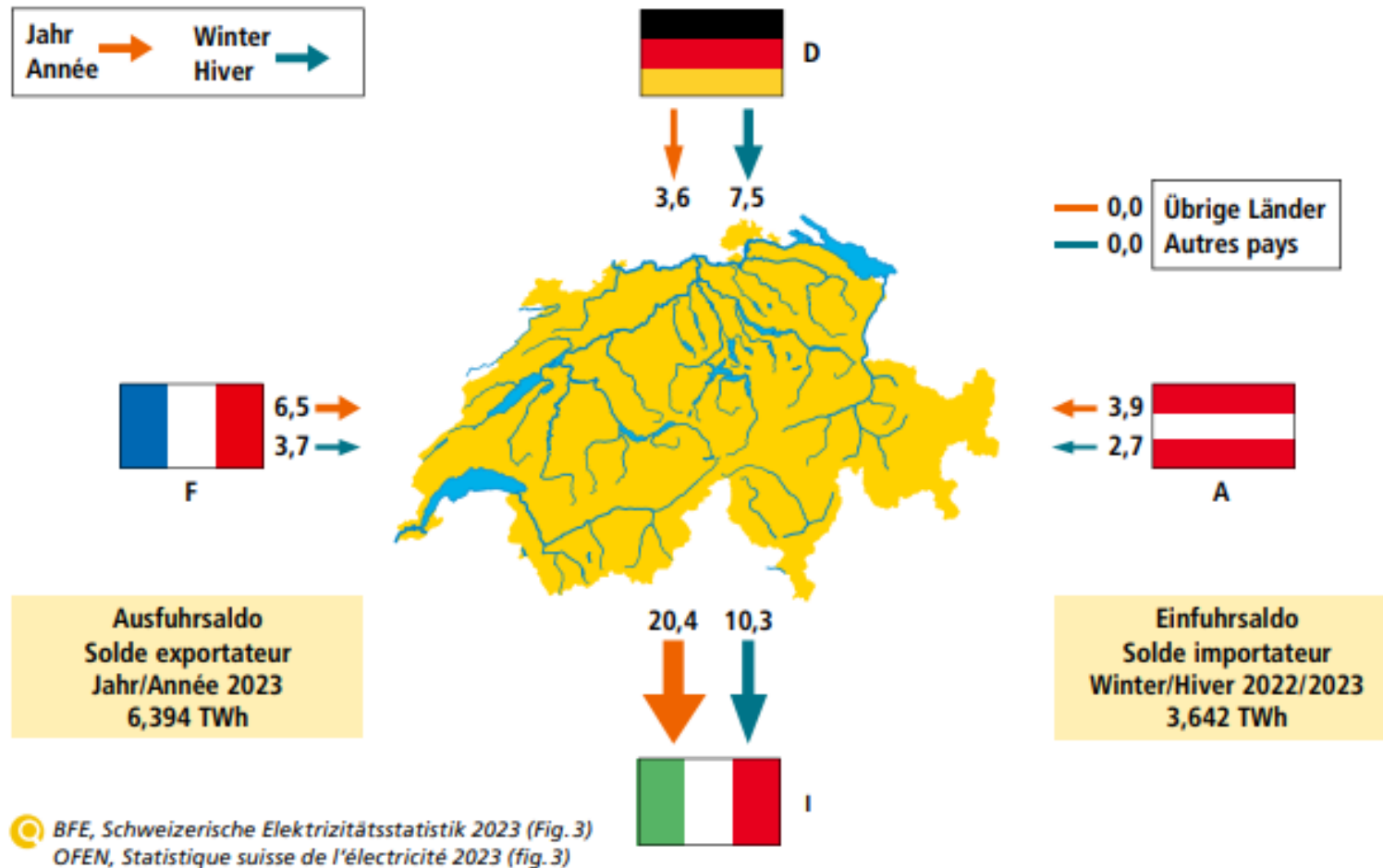
- **Batteries**, including those of electric cars, also allow excess electricity to be absorbed and released again when required.

- The production of **hydrogen** from a surplus of electricity is also a storage option.



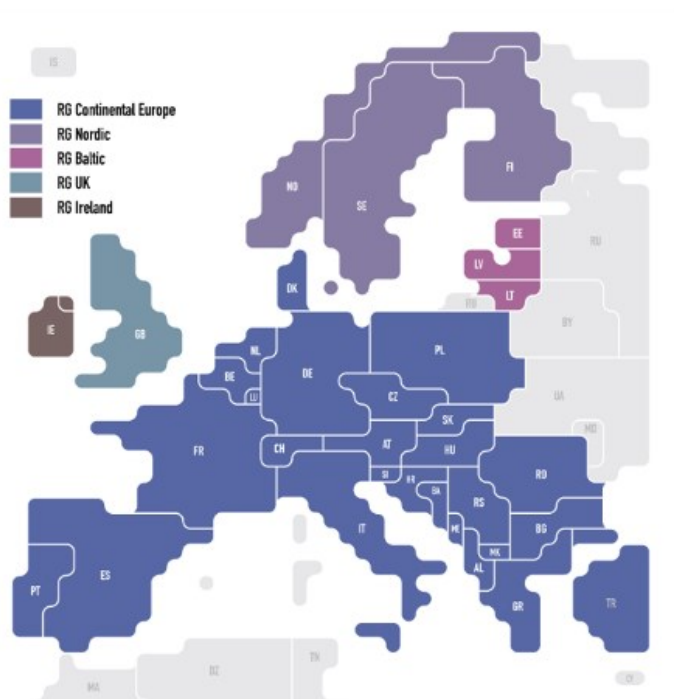


IMPORT/EXPORT BALANCE 2023





LINKS TO THE EU



Physisch /
Synchronzonen



Kommerziell /
Market Coupling



Rechtlich / Institutionell

Quellen: ENTSO-E,
Energy Community

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Energy Community



ELECTRICITY AGREEMENT WITH THE EU

- The aim is to regulate cross-border electricity trading and secure **Switzerland's access to the European electricity market** .
- On December 15, 2023, the Federal Council adopted the draft **mandate for negotiations with the EU** .
- On March 8, the Federal Council adopted the final negotiating mandate.
- On March 18, 2024, Switzerland and the EU opened negotiations.
- The aim is to update the existing internal market agreements and conclude a **new sectoral agreement** for the **electricity sector**.





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QUESTIONS?

