

Die Schweiz in Stromeuropa

Herausforderungen und Perspektiven

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Europäische Angelegenheiten
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Energie-Network-Lunch

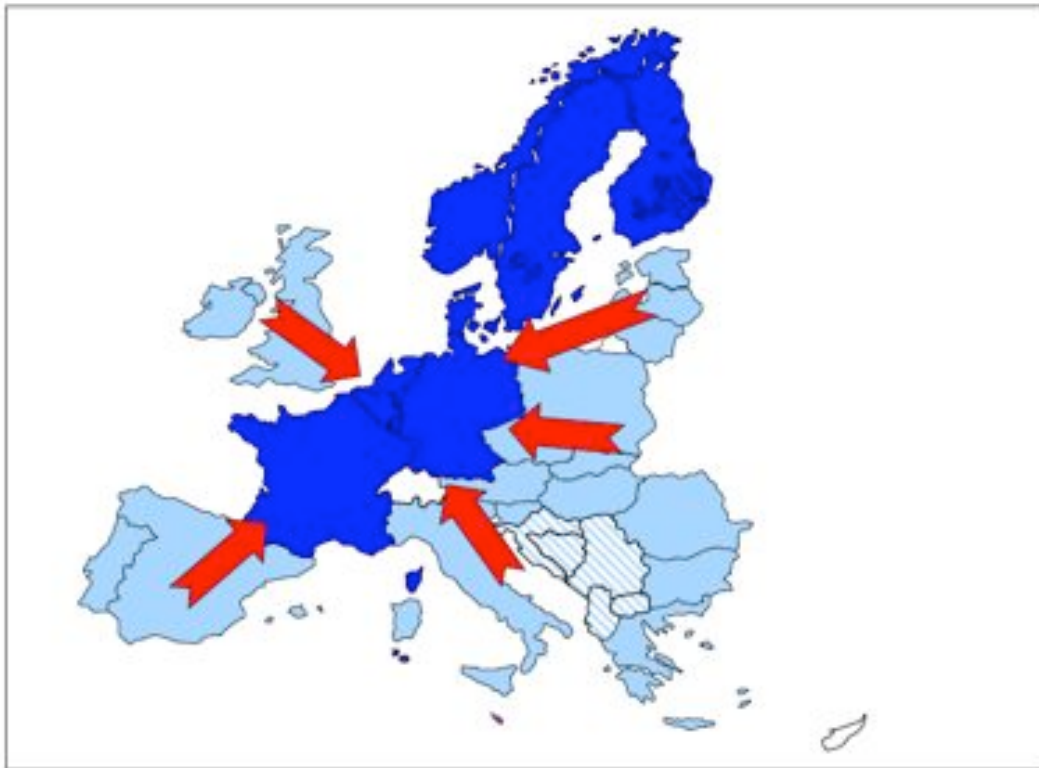
swissgrid



Overview

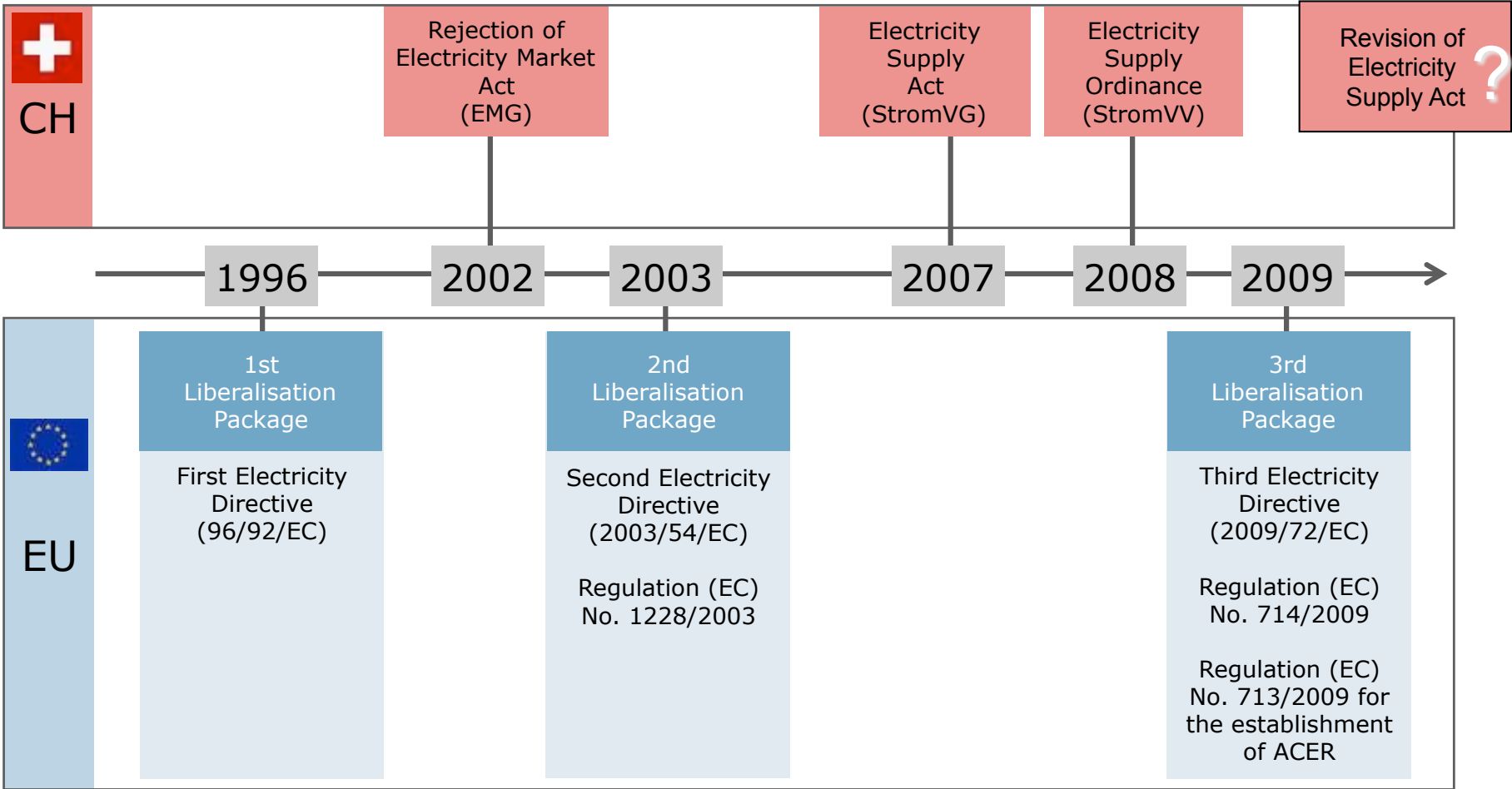
- Facts about Switzerland
- Priorities of the Swiss electricity market
- Conclusions

Regional Initiatives / Market Coupling

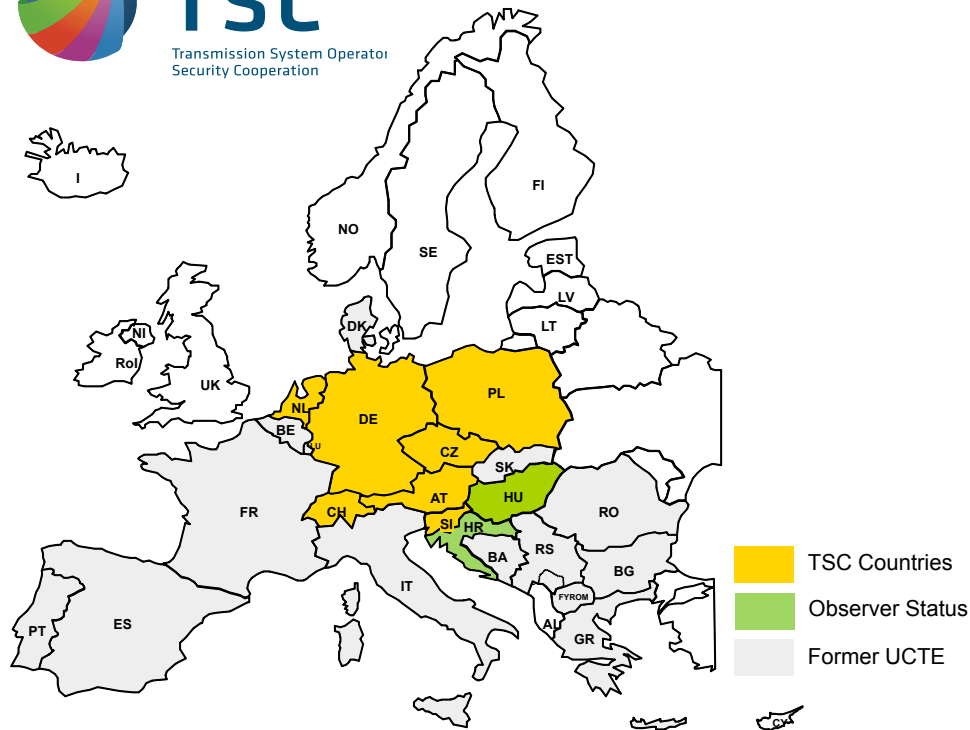


- Switzerland is located at the limits of three of the seven ERIs: CWE, CEE and CSE Region
- Swissgrid is ready to participate in the new regional target model to achieve full market coupling

Swiss legislation similar to EU standard



Participation in the TSO Security Cooperation (TSC)

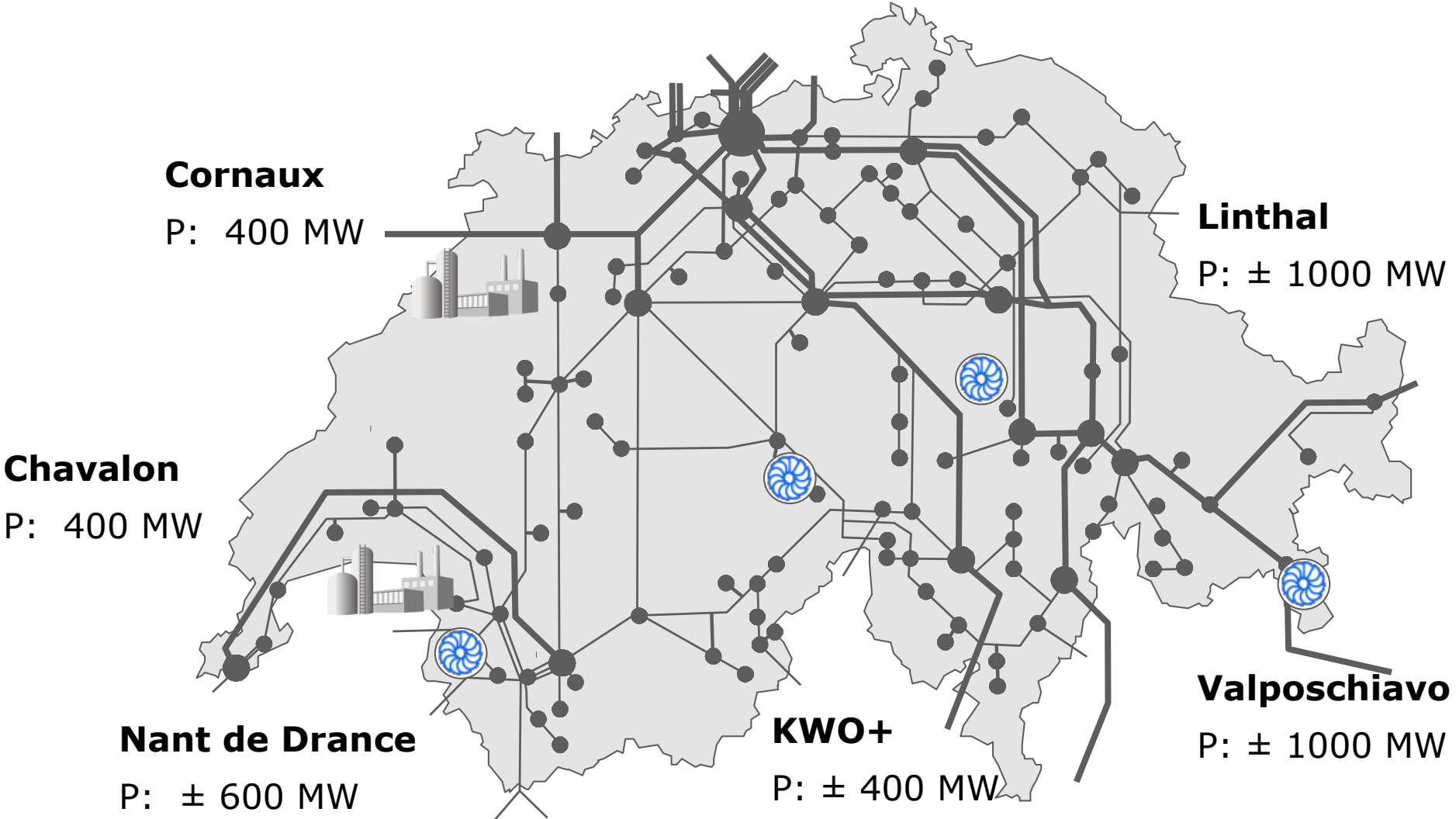


- TSO cooperation to cope with the major challenges in European electricity system operation
- Joint development of a Common Tool for Data exchange and Security assessments
- Swissgrid actively fosters the development of new procedures for the system coordination between TSOs to be implemented in the TSC initiative

Priorities of the Swiss Electricity Market

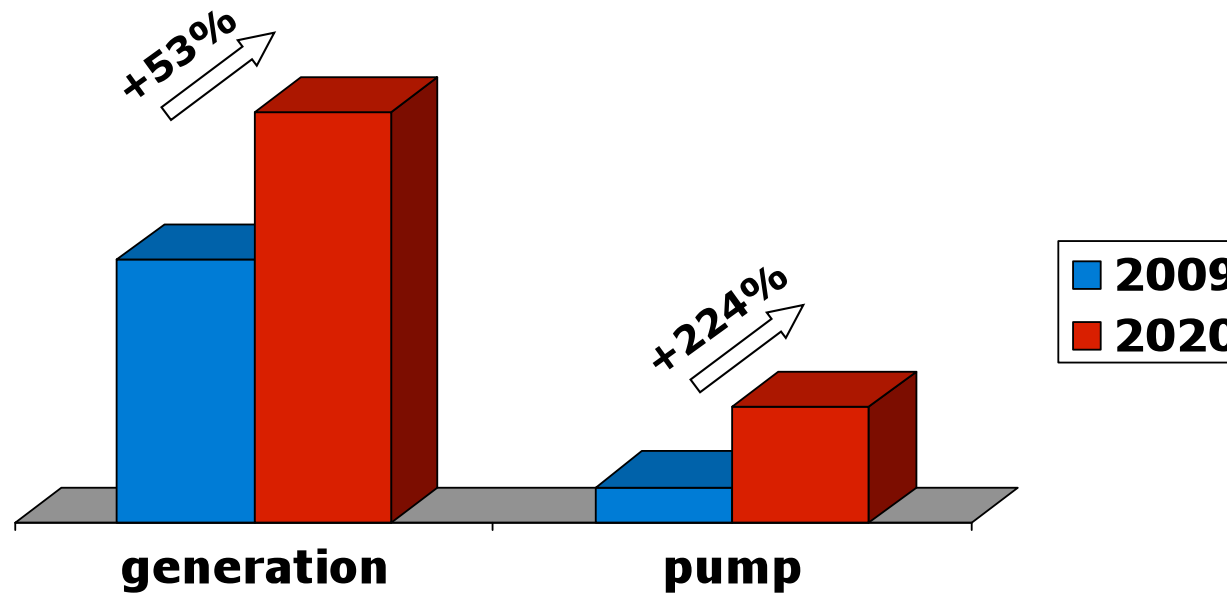
- Extension of pump-storage hydro-power
- Increasing available pumping capacity of Swiss power plants
- Development of required transmission grid capacity
 - Increasing NTC
 - Integration of alpine pump-storage hydro-power in future Supergrid-Infrastructure
- Cross-border integration of intraday- and balancing-markets

Swiss pump-storage Hydropower Projects



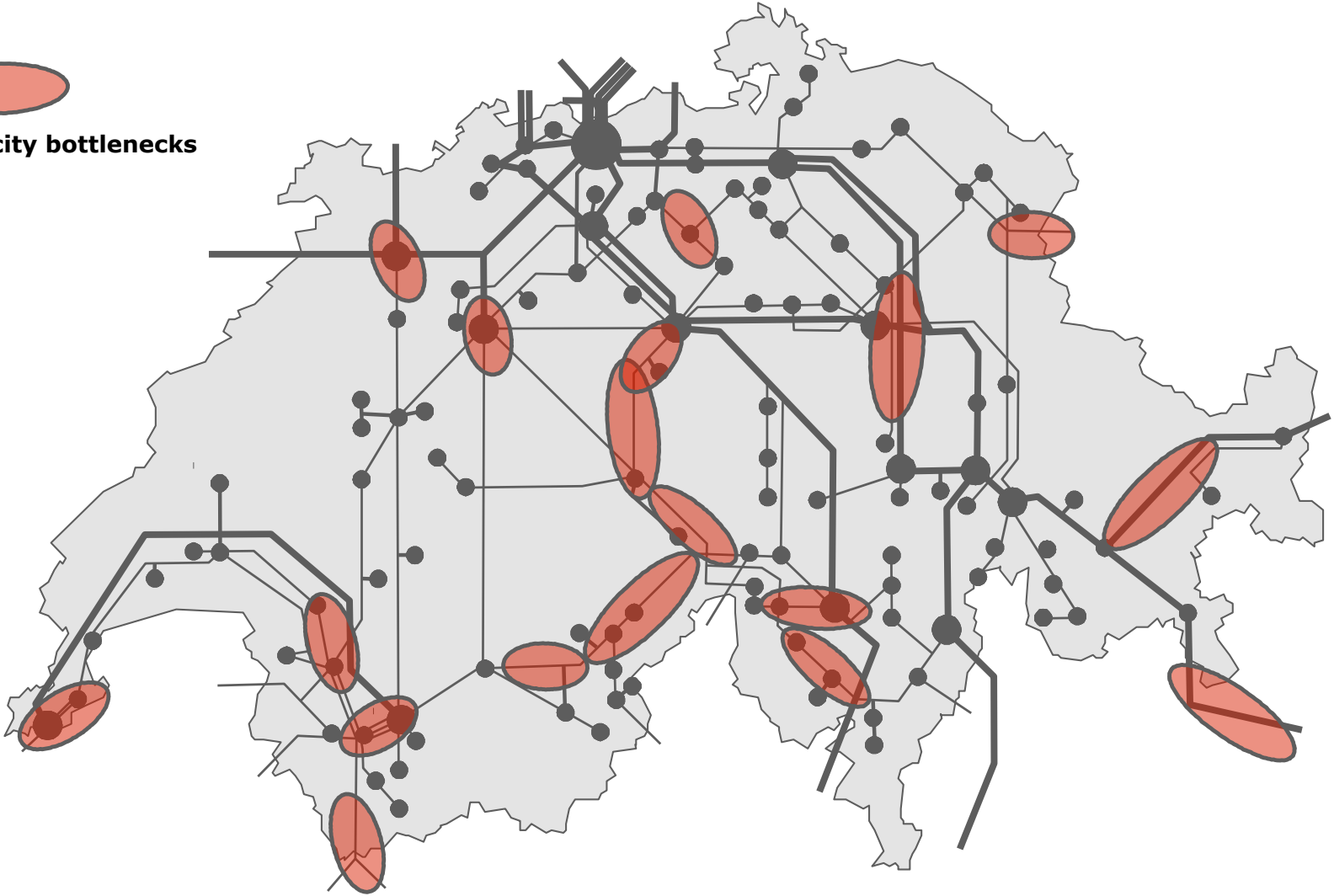
Increase in Swiss Hydropower

flexibel generation capacity [MW]



Expanding the Swiss transmission grid.


Capacity bottlenecks



Today:

**Switzerland
connecting
European
Electricity
Markets**



Tomorrow:

**Switzerland
as «Battery
for Europe»**





A background image of a man in a grey suit and tie, standing at a podium with microphones, with his hands clenched in a fist. The image is semi-transparent, allowing text to be overlaid.

Swissgrid`s Contribution

- As a central electricity hub in the heart of Europe, Swissgrid will continue to provide key infrastructure and will actively participate in the development of innovative and efficient market models
- Swissgrid will thereby contribute substantially to a secure system operation and a competitive electricity market in Europe

Conclusion

Comprehensive integration of Switzerland in the European internal electricity market is crucial to achieve a secure and efficient European market model.

The creation of a sustainable European electricity system will be fostered by the full membership of Non-EU countries in the European institutions (ACER, ENTSO-E).

swissgrid

Transmission System Operator