

## *Alpine Power Links*

### *ENTSO-E Regional Conference 2018*

Partners: Florence School of Regulation and the Renewables Grid Initiative  
17 & 18 April 2018  
Hyperion Hotel Basel, Switzerland

**This year's regional conference of ENTSO-E** is devoted to a central part of Europe which can be called the core of the interconnected electricity system: **The Alpine region.**

It links important market areas in Germany, Austria, Switzerland and France, as well as Italy and Slovenia. The European electricity system has benefitted, for decades, from initiatives that started here, and one can even go as far as saying that regional electricity in Europe has started here altogether. Thus, in 1929, the *Rheinlandleitung*, also called North-South 220kV line, was completed. It connected over 600 km the Alpine hydro-reserves with the industrial coal areas in Germany. 2018 is also the 60<sup>th</sup> anniversary of the *Star of Laufenburg*, another milestone in the history of the European power system, as from 1958, the power grids of Germany, France and Switzerland were interconnected.

The currently ongoing deep transformation of the electricity system requires solutions, which the event looks at: how can the region contribute with solutions in power market integration, operational and planning coordination and innovation? What is the contribution of the region for the electricity system in the interest of European customers? What is the role of Network Codes in taking the regional and European integration from promise to practice? How do TSOs of the region cooperate successfully with NGOs?

#### **The ENTSO-E Alpine Regional Conference aims at:**

- Shedding light on the regional dimension of the European power grid challenges;
- Engaging with stakeholders in the region, including regulators, policy makers, academia;
- Fostering cooperation between ENTSO-E Members, and between TSOs and stakeholders;
- Better connecting the national, regional and European levels.
- The event will include a training on network codes by FSR.

**ENTSO-E is proud to team up** with the TSOs of Southern Germany Amprion GmbH and TransnetBW, APG of Austria, Swissgrid of Switzerland, RTE of France, ELES of Slovenia, and Terna of Italy to discuss and address together common projects, challenges and opportunities.

Partners are the Florence School of Regulation, delivering a training, as well as the Renewables Grid Initiative.

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### *ENTSO-E Regional Conference 2018*

**17 April 2018**

<b>14:30-17:30</b>	<b>Florence School of Regulation (FSR) High-level training on European Market Integration and Network Codes</b> <i>(by invitation only)</i>
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<b>19:00- 22:00</b>	<b>Dinner</b> <i>(by invitation only)</i>
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*Welcome*

**Yves ZUMWALD**, CEO, Swissgrid  
**Claude TURMES**, Member of the European Parliament  
**Ben VOORHORST**, President, ENTSO-E

*Keynote speech*

The Alpine: A mountaineer perspective with **Wim SMETS**

**18 April 2018**

<b>8:30 - 9:00</b>	<b>Registration</b>
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<b>9:00 - 10:00</b>	<b>The challenges of the Energy Union, challenges in the Alpine Region</b>
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*Keynote speeches*

**Benoît REVAZ**, Director of the Swiss Federal Office of Energy  
**Florian ERMACORA**, Head of Unit, Wholesale Markets: Electricity and Gas  
 DG ENER, European Commission  
**Ben VOORHORST**, President, ENTSO-E

<b>10:00- 10:30</b>	<b>Telling the Story of the Alpine: the power of interconnectors</b>
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*This introductory presentation will revisit the start of the interconnected European system, with the powerline connecting, 60 years ago, the German, Swiss and French systems. It will tell the story of hydro and the role it plays as Europe's battery. It will tell the story of the future and the forthcoming challenges on the Alpine power grid. This session will be introduced by a video on the history of the European Power Network and the 'Star of Laufenburg'*

*Keynote speeches introduced by video*

**Yves ZUMWALD**, CEO, Swissgrid  
**Hervé LAFFAYE**, Director General in charge of European and International Affairs, RTE  
**Thomas KARALL**, CFO, APG

**Joachim VANZETTA**, Vice-president, Head of Transmission System Operation, Amprion

*Q&A moderated by **Susanne Nies**, ENTSO-E*

**10:30-11:00** *Coffee*

**11:00-12:30**

**Conceiving the Alpine network for the 21<sup>st</sup> century**

*This panel will take a future-looking perspective on the needed networks supporting the increasing share of renewables and the optimal use of the Alpine hydropotential. It looks into the long-term scenarios, concrete regional projects, investments and jobs created.*

*Introductory speeches*

The Alpine challenges in the European and global context

**Christoph FREI**, Secretary General & CEO, World Energy Council

Introductory Overview: Facts and Figures

**Christof GERMANN**, CEO, Vorarlberger Kraftwerke AG

*Followed by a panel debate introduced by executive keynotes*

The grids we need, the investments we plan in the Alpine;

**Ettore ELIA**, Senior Manager of Interconnection Projects, Terna

Sustainability requirements to the grids;

**Antonella BATTAGLINI**, CEO, Renewables Grid Initiative

From promise to practice: Suedlink- interface also to the Alpine;

**Rainer JOSWIG**, Member of the Executive Board, TransnetBW

Slovenian Power Grid and Innovation

**Uroš SALOBIR**, Director for Strategic Innovation, ELES

Regulators supporting next generation grids in the Alpine

**Annegret GROEBEL**, Vice-President, CEER

Distribution-Transmission: how to interact for the future?;

**Peter VERMAAT**, Board member and Chair of Policy Committee, EDSO for Smart Grids

*Followed by Q&A moderated by **Leonardo Meeus**, FSR and Vlerick School*

**12:30-14:00** *Networking Lunch*

**14:00- 15:00**

**Framing Europe's Regions: An Alpine Regional Energy Forum?**

*ENTSO-E has proposed Regional Energy Forums. These should be composed of Regulators, governments and TSOs and interact closely with stakeholders. Their task is to find solutions for common regional challenges in order to maximise value to the citizens. This session presents the regional challenges in the Alpine area and discusses what governance, what measures can solve those?*

*Keynote speeches*

	<p>The TSO perspective on regional cooperation <b>Bente HAGEM</b>, Chair of the Board, ENTSO-E</p> <p>Operational challenges in Europe's regions: what are next services for Regional Security Coordinators (RSC)? <b>Gerhard CHRISTINER</b>, Member of the Managing Board, APG and <b>Jean-Francois GAHUNGU</b>, Chief Executive Officer, Coreso SA</p> <p>Market challenges in the Alpine region: capacity at borders and solutions; <b>Alberto POTOTSCHNIG</b>, Director, ACER</p> <p>What the Clean Energy Package holds on regions; <b>Florian ERMACORA</b>, Head of Unit, Wholesale Markets: Electricity and Gas DG ENER, European Commission</p> <p><i>Followed by Q&amp;A moderated by <b>Sonya Twohig</b>, ENTSO-E</i></p>
<b>15:00– 15:15</b>	<p><b>Closing speech: The European and Regional Horizon 2025: An ENTSO-E perspective</b></p> <p><b>Laurent SCHMITT</b>, Secretary-General, ENTSO-E</p>
<p><i>End of conference</i></p>	