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Call For Papers

SPECIAL SESSION

## REGIONAL INTEGRATION: HOW TO GET IT RIGHT?

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**Objective and topics:** Shaping the future grid is a complex, multi-stakeholder, multi-service project responsible for delivering a new, more decarbonized, digitalized, decentralized and disruptive energy model, leveraging renewable energy sources and the active consumer participation and using the current available regulation and financial supporting schemes as enabler platform.

With this framework in place, from an operational point of view, issues such as Security of Supply, resource adequacy, the need of flexibility, vulnerability and grid stability are becoming increasingly important as intermittent renewables generation claims a greater share in the energy mix.

The other way round, topics like transparency, stakeholder engagement, sustainability and nature conservation, economic viability, grid aesthetics to gain public acceptance and accelerate permitting processes are posing huge concerns for TSOs who have to set the stage for a significant grid reinforcement.

In response to these challenges, the European Commission together with National Regulatory Authorities and the ENTSO-E community are setting the basis for an effective regional cooperation to make market and systems function well, and to prevent, prepare for and manage electricity crisis situations. Put in concrete the most relevant envisaged actions fall shortly in the following clusters of intervention:

- System Operation and Operational Planning: Regional Security Coordinators, Mid Term Adequacy Report & Seasonal Outlooks and Risk Preparedness Plan;
- System Development: Ten-year Network Development Plan (TYNDP), Project of Common Interest (PCI), Cost Benefit Analysis (CBA), cross-border interconnectors (e.g. Piedmont (IT) - Savoie (FR) HVDC link) and Interconnection targets;
- Legal & Regulatory: Clean Energy Package, Network Codes, financing the infrastructure investment program (CEF) and integrated national energy & climate plan.

In the special session panel “Regional integration: how to get it right?”, a high level expertise team from a variety of European countries - consisting of TSOs from Italy (Terna) and France (Rte), the Nordic Regional Security Coordinator and the European Network of Transmission System Operators for Electricity - will bring together to discuss their most original and successful practice shine to address these three categories.

All the instructions for paper submission are included in the conference website:

<https://www.eeeic.net/eeeic/>