

# **SECURING THE SMART GRID TOWARDS 100% RENEWABLES RESERVE and SOGNO Projects Stakeholders Consultation Event**

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**Vice-President - Romanian Energy Center**

Permanent Representation of Romania to the European Union, Brussels, 21-22 November 2018

# **PANEL DISCUSSION P1**

## **The role of Regulatory Framework for up to 100% RES**

**21 November 2018, Brussels**

## Panelists:

**Mirela DIMA**, *Director Regulatory Affairs, **CEZ Romania***

**Uros GABRIJEL**, *Network Codes Senior Officer- Team Leader **ACER***

**Antonio LOPEZ\***, *Deputy Head of Unit, Renewables and CCS Policy, **European Commission***

**Alexandra TUDOROIU**, *Regulatory Affairs Manager, **COGEN Europe***

**Rickard VENETJOKI**, *Manager Political Affairs”, **E.ON Sweden***

**Diederik PEEREBOOM**, *Secretary General, **T&D Europe***

**Dan PREOTESCU**, *Senior Project Manager, Romanian Energy Center, Romania - **CRE***

**MODERATOR:** **Mihai PĂUN**, *Vice-President, Romanian Energy Center*

## Objectives:

- **Consultation with stakeholders** on the preliminary results of **RESERVE Project** on regulatory aspects, as well as
- Other relevant issues including barriers foreseen in the near future from the **regulatory** perspective with focus on **Network Codes for the transition towards up to 100% RES and RESERVE Project** results
- **Assess the Impact of adopting the necessary changes in the regulatory framework** for electricity transmission and distribution
- Address the next decade's **challenges for the potentially New Configuration of the Electricity Grids** with increasing role of **Prosumers, regulation and governance** and **provide insights and solutions** through **Consultation**

## QUESTION 1:

**WHAT KIND OF FRAMEWORK IS NEEDED TO  
ALLOW THE TRANSITION TOWARDS UP TO 100%  
RENEWABLES?**

## QUESTION 2:

**SHOULD POWER COMMUNITY DEVELOP A  
SPECIFIC NETWORK CODE FOR STORAGE OR**

**IS IT BETTER TO CONTINUE THE PRESENT  
APPROACH?**

**WHY ?**

**PLEASE SPECIFY ARGUMENTS TO SUPPORT YOUR ANSWER!**

**QUESTION 3:**

**DO YOU CONSIDER USEFUL THE INCENTIVES FOR ENCOURAGING INVESTMENTS IN STORAGE ?**

**WHY?**

## QUESTION 4:

**DO YOU CONSIDER NECESSARY TO INCLUDE IN  
THE EXISTING AND FUTURE NETWORK CODES**

**A CHAPTER DEDICATED TO ICT?**

**WHY?**



## QUESTION 5:

**WHAT IS RELATIONSHIP BETWEEN TSOs AND  
DSOs?**

- A. SUPPORT**
- B. CHALLENGE**
- C. REAL BARRIER**

**WHY?**

# ***QUESTIONS FROM THE AUDIENCE:***

# Thank you for your attention!

Mihai PAUN  
Vice-President  
Romanian Energy Center

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## **PANEL DISCUSSION P2**

**The role of TSOs, DSOs and Generators for  
securing the Smart Grid towards**

**100% Power Electronics**

**21 November 2018, Brussels**

## Main Topics:

- **Changes** that may occur in **TSOs and DSOs cooperation**; assuming new roles and responsibilities
- Potential **regulatory measures** on **prioritization of the data traffic** to ensure **optimal operation** of critical power distribution infrastructure
- The **limitations of the current generation of Smart Meters** for properly contributing for securing the Smart Grid

## Panelists:

**Laurentia PREDESCU**, *Project Manager - Regulatory Division, **CEZ Romania***

**Christian EGENHOFER**, *Director Energy Climate House, **Centre for European Policy Studies - CEPS***

**Daniel HUERTAS**, *Senior Expert Scenarios, Market - Adequacy Analysis, **ELIA***

**Catalin CHIMIREL**, *Manager, **TRANSELECTRICA***

**Emiliano MARQUESINI**, *Co-Funder, **Digital Smart Group***

**Gianclaudio MALGIERI**, *LSTS Researcher, **VUB***

**Florian GONZALEZ**, *Senior Projects Officer, **EDSO for Smart Grids***

**MODERATOR:** **Fiona WILLIAMS**, *Director, **ERICSSON***

## **PANEL DISCUSSION P3**

# **Technical aspects on Frequency and Voltage control, Ancillary Services proposed within RESERVE & Standardization aspects**

**22 November 2018, Brussels**

## Main Topics:

- **Changes** that may occur in **TSOs and DSOs cooperation**; assuming new roles and responsibilities
- **Technical arguments and solutions** regarding the possible **definition of a New Network Code for “Storage”**
- Technical arguments and solutions for **updating existing ancillary services and the emergence of new ones**, in the context of up to 100% RES
- **Possible implications of changing standards** in the context of up to 100% RES



## Panelists:

Ion DOBRESU, *Executive Director, CEZ Distributie Romania*

Gerd SCHAUER, *Senior Technology Manager, VERBUND AG*

Thong VU VAN, *CEO, EMAX*

Ioannis VLACHOS, *Senior Researcher, ICCS*

Alvaro ORTEGA MANJAVACAS, *Researcher, UCD*

Sriram GURUMURTHY, *Researcher RWTH*

MODERATOR: Prof. Antonello MONTI, *RESERVE Project Technical Director, RWTH*

## **PANEL DISCUSSION P4**

# **The impact of Regulatory Framework on new innovative Services for DSOs**

**22 November 2018, Brussels**

## Main Topics:

- Facing the **stress of the electricity distribution networks** determined by extreme **weather phenomena** alongside with increasing number of **prosumers: investments** in network development versus **increasing the efficiency** of its use by **integrating New Services for DSOs** (monitoring, forecasting and facilitating quick interventions for remediation)
- The **role of the Regulatory Framework** in supporting and facilitating the **development and use of services** that can ensure better monitoring and operation of the power systems; **main obstacles** and the best way forward.
- Important elements and priorities to be considered by DSOs and **possible actions to facilitate the adoption of measures** that can provide added value and impact in the power network management process.

## Panelists:

**Dirk VANSINTJAN\***, *President, RESCOOP*

**Uros GABRIJEL**, *Head of operation support Elektro-Slovenija d.o.o. & ACER*

**Salome GONZALEZ**, *International Relations Mg., VDE*

**Philipp WEIDINGER**, *Research Assistant, RWTH*

**Miguel PONCE de LEON**, *Project Manager, Waterford Institute of Technology*

**Mihai MLADIN**, *Project Advisor, CRE*

**MODERATOR:** **Ganesh SAUBA**, *Principal Consultant, DNV-GL - Power and Renewable*

Thank you for your active  
Participation!

