Integrated Approach in the Management and Operation of Electricity Transmission and Distribution Networks

SOGNO, WISEGRID, PHOENIX, CROSSBOW and DEFENDER Projects

Stakeholders Consultation Event – Online Video-Conference

Thursday, 30th of April 2020, 09:30 - 12:45 CET

Draft Program

9:20 – 9:30 Connection to the Software Platform

9:30 – 9:45 Welcome and Introduction - Objectives of the Event

9:45 – 9:55 Upgrading and Adapting the Electricity Market for a Stable Grid with High RES

Session I – Innovative T&D Solutions and ICT Services for Grid Operators

Chair: Mihai PAUN Vice-President Romanian Energy Center

9:55 – 10:05 SOGNO – Service Oriented Grid for the Network of the Future
Main Results and Achievements

10:05 – 10:30 SOGNO Services and Solutions – LIVE Demonstrations
State Estimation – SE
Power Control – PC
Fault Location Isolation & Service Restoration – FLISR
Load and Generation Forecasting – LGF

10:30 – 10:40 WISEGRID – Wide Scale Demonstration of Integrated Solutions and Business Models for European Smart GRID
Technological Solutions and Pilot Sites Results

Mihai PAUN
Vice-President
Romanian Energy Center
Antonio LOPEZ-NICOLAS BAZA*
Deputy Head of Unit
C1 Renewable Energy & CCS Policy
Directorate-General for Energy
European Commission

Fiona WILLIAMS
SOGNO
Project Coordinator
ERICSSON

Moderator
Prof. Antonello MONTI
Technical Director SOGNO
RWTH
Services Development Leaders
Marco PAU
Project Manager
RWTH
Alvaro NOFUENTES PRIETO
WISEGRID
Project Coordinator
ETRA Group
10:40 – 10:50 **PHOENIX** - The European Smart Grid with increased protection and fast mitigation of the cyber-attacks against assets and the networks of the future

**Farhan SAHITO**
PHOENIX
Project Coordinator
CAPGEMINI

10:50 – 11:10 **Panel Discussion** – The role of TSOs and DSOs for securing the Smart Grid towards up to 100% Renewables

**Business Models** for RES integration with increased protection and fast mitigation of the cyber-attacks against assets and the networks of the future

The Role of Education for Digitalizing the Power Sector

Edge Cloud and Artificial Intelligence Based Solutions for Grid Services

**Potential Regulatory Measures** to:
- Enabling the Development and Implementation of New Innovative Services and Solutions and to
- Ensuring Optimal Operation of Critical Power Infrastructure

**Panelists:**
**Nikos HATZIARGYRIOU***
Chairman of the Board
HEDNO

**Corina POPESCU***
General Manager
ELECTRICA

**Silvia VLASCEANU**
Executive Director
ACUE

**Charles ESSER***
Secretary General
CEER

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

**Valeriu BINIG**
Director
Regulatory and Antitrust
ENEL Romania

**Bas KRUIMER***
Business Director
Intelligent Networks & Communication
DNV GL Netherlands

11:10 – 11:20 Questions and Debates

11:20 – 11:30 **SOGNO and WISEGRID Videos**

**Session II – Developments in the Standardization for the Power Sector**

**Chair: Cristian COLTEANU** Director Strategy & International Affairs Romanian Energy Center

11:30 – 11:40 **Standardization of Blockchain Technologies in the Power Sector – Roles and Development Directions**

**Ioannis VLACHOS**
Project Manager
ICCS

11:40 – 11:50 **Impact of the Results and Proposals of EU Funded Projects on The Standardization Activities – SOGNO and CROSSBOW**

**Dan PREOȚESCU**
Project Manager
Romanian Energy Center
11:50 – 12:00  Standardization challenges in Energy Critical Infrastructure – DEFENDER experiences

Denis ČALETA
President of the Board
Institute for Corporate Security Studies (ICSS Ljubljana)

12:00 – 12:25  Panel Discussion – The role of Regulation and Standardization and the Potential Impact in the Power Sector

Software Products and Implementation at National and Regional level

Regulatory implications

Impact of Digitalization on Standardization

Standardizing Cyber Security Products and Services

Panelists:
Zoltan NAGY-BEGE
Vice-president of Romanian Energy Regulatory Authority
Adrian COLGIU*
Technical Committee Expert, National Standardization Body
Florian GONZALEZ*
Projects Director E.DSO for Smart Grids
Geert MAES*
Customer Solutions Manager Electrotechnology CEN CENELEC
Catherine VIGNERON*
Account Manager Energy & Living CEN CENELEC

12:25 – 12:35  Questions and Debates

12:35 – 12:45  Final Remarks

Mihai PAUN
Vice-President
Romanian Energy Center

http://www.crenerg.org/proiecte/

LINK to BRIDGE INITIATIVE