ROMANIAN ENERGY CENTER ASSOCIATION'S OBJECTIVES AND ROLE IN SUCCESS

Mihai PAUN Vice-President Romanian Energy Center

SUCCESS Project Consortium Meeting

Terni, Italy 20/09/16





Romanian Energy Center - CRE



Non-governmental and non profit Association representing the interests of state-owned and private companies operating in the Romanian Energy Market, in relation with EU and National Institutions;



Covers all the relevant areas such as electricity, gas, oil, nuclear, coal, renewables, water, energy services and R&D;



Contributes to European decision-making with the aim of encouraging and promoting investments in low-carbon technologies and support the transition to a decarbonized energy system;



Organizes events meant to enhance the cooperation and integration of projects developed by the institutions of the Romanian energy sector into the framework designed by the European institutions.

Romanian Energy Center - CRE



Events in Romania and Brussels



Position papers to Romanian and European policy consultations



Coordinator of the Center for Dialogue and Cooperation 16+1 – China CEEC

ROMANIA ENERGY DAY 2016

"Regional and European Values for Sustainable Energy in Central and Eastern Europe" 5th Romanian ENERGY DAY, Bruxelles

- OBJECTIVE To Inform the representatives of EU institutions in Bruxelles and to contribute to EU
 decision making process regarding energy priorities, projects and programs in Central and SouthEast Europe and in Romania;
- To Facilitate investments in energy infrastructure, to support Energy Market Integration and to increase energy security in the Region;
- To proactively contribute to the development of HV electricity, oil and gas corridors and to increase interconnection capacity in the Region;
- **Media coverage** Euractiv, Calea Europeana, Radio România Actualități, TVR, Mondonews.ro, Energynomics.ro, Libertatea.ro, Digi24, www.stiripesurse.ro













CRE's Position Papers

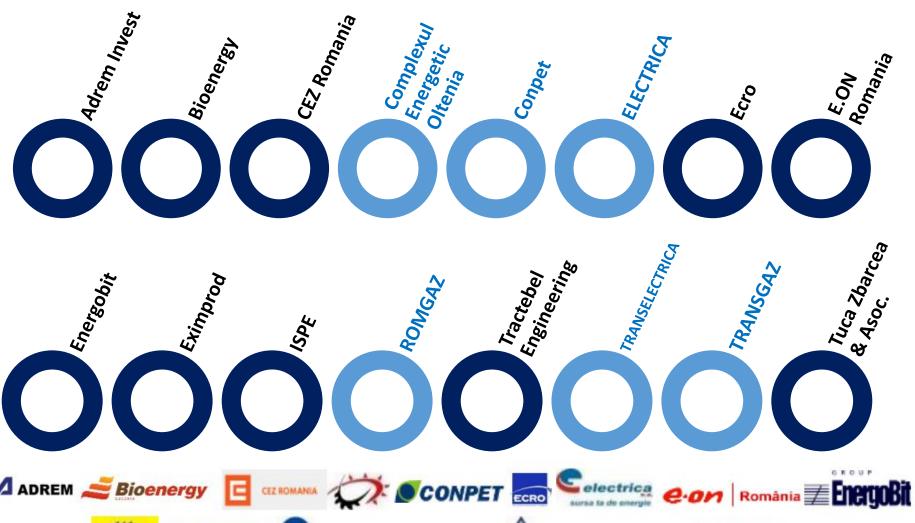


- Position Paper of CRE on the Preparation of the New EC Directive on Renewables after 2020 (Link)
- Position Paper of CRE on the Modification of Energy Efficiency Law (Link)



CRE Members

16 Members: Public and Private sector









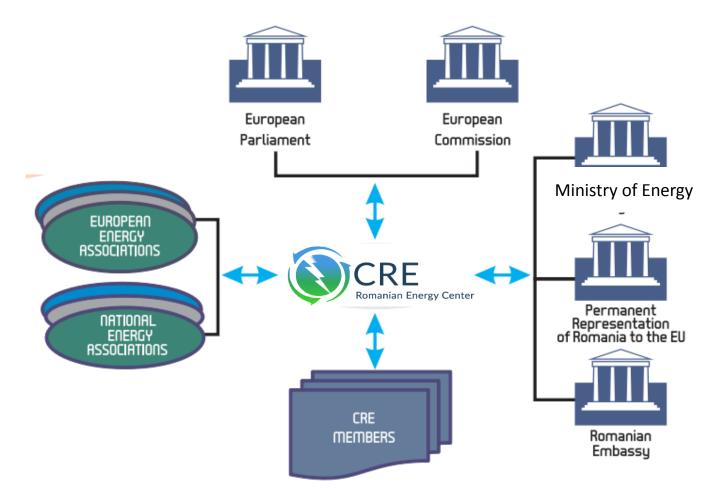








Romanian Energy Center - CRE





CURRENT INVOLVMENT OF CRE IN EU PROJECTS RE-SERVE, SUCCESS, WiseGRID







Renewables in a Stable Electric Grid SUCCESS - Securing Critical Energy Infrastructures Wide scale demonstration of Integrated Solutions and business models for European smart GRID





- SUCCESS Securing Critical Energy Infrastructures
- Work programme objective addressed: H2020-DRS-2015
- Topic addressed: DRS-12-2015
- Topic (1): Critical Infrastructure "smart grid" protection and resilience under "smart meters" threats
- Research and Innovation Action (RIA)



The Role of the Romanian Energy Center - CRE in SUCCESS Project

- WP3 → Securing Smart Devices [8 pm]
- WP4 → Securing Smart Infrastructure [10 pm]
 - Task 4.3 Pan-European Security Monitoring Centre (Task Leader: P3E, Participant: CRE, ISMB, ENG, P3C)
- WP5
 Demonstrations, field trials and evaluations of Solutions for Secure Solutions for Smart Metering [10 pm]
 - Task 5.2: Romanian Trial (Leader: ELEC, Participants: CRE)
- TOTAL: 28 pm



The Role of ELECTRICA in SUCCESS Project ELECTRICA demo site

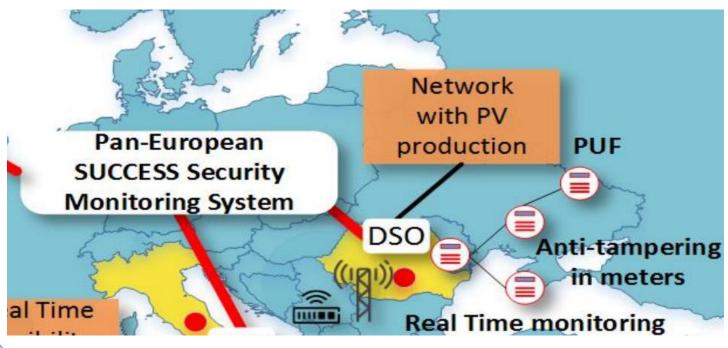
Site: 5-10 metering points in an MV network with massive renewables production (PV, maybe also wind)

DSO network with temporary power injection from MV back in HV network

Testing: Real-time monitoring using 5-10 NORMs

Assessment of low cost PMU part of NORM

PUF related tests







Looking forward to a successful Project and Cooperation!

THANK YOU!

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