

## REPRESENTATIVES OF THE ROMANIAN ENERGY CENTER ASSOCIATION CONTRIBUTED AT ENLIT EUROPE 2021

8<sup>th</sup> of December 2021

The representatives of the Romanian Energy Center Association (CRE) participated and contributed at Enlit Europe 2021 Event which took place on 30<sup>th</sup> of November – 2<sup>nd</sup> of December 2021. The Enlit Europe Event was organized In-Person in Milan, Italy and Online on [Enlit Europe 365 Platform](#). The Romanian Energy Center Association was present at the EU Projects Zone pavilion, representing the following European H2020 Funded Projects, in which [CRE](#) is a consortium member: "[CROSSBOW](#)" – "*CROSS Border management of variable renewable energies and storage units enabling a transnational Wholesale market*"; "[PHOENIX](#)" – "*Electrical Power System's Shield against complex incidents and extensive cyber and privacy attacks*"; "[EDGEFLEX](#)" – "*Providing flexibility to the grid by enabling VPPs to offer both fast and slow dynamics control services*", and "[TRINITY](#)" – "*Transmission System Enhancement of Regional Borders by Means of Intelligent Market Technology*". The European Commission (EC) funded Project, "[EDDIE](#)" – "*EDucation for Digitalization of Energy*", in which CRE is also a partner, was part of Enlit Europe Event in the [Online Environment](#), and also part of the EU Project Zone, in Milan. CRE Representatives interacted with stakeholders and presented the overview, the objectives and mission of the EDDIE Project.

[Enlit Europe](#), the new unifying brand for European Utility Week and POWERGEN Europe, brought the best thought-leaders, innovators in the energy sector representing power generators, utilities, grid operators, energy companies, retailers, energy markets and energy traders to seize current opportunities, spotlight future ones, and inspire the next generation to participate in this journey.

[Enlit Europe](#) offers a dedicated platform to numerous EU Funded Projects contributing to the digitalisation of energy. During the Exhibition within the EU Projects Zone, dedicated presentations from CRE Representatives regarding the H2020 EU Funded Projects were addressed. Additionally, the [PHOENIX](#) Project team also participated as Speakers and Panellists in Three [Sessions](#) during the ENLIT Event.

First session in which PHOENIX Team participated as Speakers, was organized on 30<sup>th</sup> of November 2021, entitled: "[Flexibility market mechanisms across Europe](#)" highlighted important topics such as: Investments versus flexibility, Local Flexibility Markets, Regional Integration, Possible Barriers or Enablers for the Solutions Developed, Lessons learnt from the Project and Next Steps.

Opening and moderating the First Session focusing on Regulatory challenges on the road to reach the 2030 Goals, Mr. Manuel SERRANO, Chair of Regulations Working Group – DG ENER underlined the importance of BRIDGE H2020 Programme, the BRIDGE Regulatory Working Groups and Projects involved in this Programme. [BRIDGE](#) is a European Commission initiative within Horizon Europe that unites research and innovation projects in the areas of smart grids, energy storage, islands and digitalization, to help create a clear overview of cross-cutting issues.



The representative of PHOENIX Project, Mr. Mihai PAUN – Director Development and Innovation, CRE stressed that Local Flexibility related to Electricity Market is needed whether we speak about National, Regional, or European level. Mihai PAUN highlighted the overview, the objectives and the aim of PHOENIX Project and pointed out that Phoenix Project team work together to increase the resilience of the data networks used on the Market access. "*Growing the grid management, it's very much linked to Opening Data Network, to Network Control, and mainly to Operational Issues. All these elements can be targeted by cyberattacks and increasing the cyber resilience is an important task for our ICT Representatives. I strongly believe the Digitalization is an important element for the synchronization of the solutions we are offering, for cybersecurity attacks prevention. Digitalization will play a key role for the future development of the electricity grid and close to the digitalization is Education*" highlighted Mihai PAUN.

Mr. Álvaro NOFUENTES, Project Manager – TRINITY Project presented the overview and objectives of the Project. "*The main objective of [TRINITY](#) Project is to enhance the cooperation and coordination among the Transmission Systems Operators of Southeast Europe, in order to support the integration of the electricity markets in the region, while promoting higher penetration of clean energies*" pointed out Álvaro NOFUENTES.

The Second Session in which PHOENIX Team contributed took place on 1<sup>st</sup> of December 2021. "[Network code on cyber-security in energy](#)" Session underlined interesting topics such as: the new digital data flows that appear with the new technologies, cybersecurity requirements that contributes to the broader concept of resilience in the energy domain and assessing the need for a network code on flexibility markets.

"*Cybersecurity is one of the most important challenges of our time. The Information Technology and Communications (ITC) became more and more important in our life and society. Our data is managed mostly by ITC systems and our Communications are done mainly by the ITC Systems*" stressed Mr. Paul LACATUS, Senior Researcher - PHOENIX Project.



The third session took place on 1<sup>st</sup> of December 2021 focusing on: "[Interoperability and data exchange to support digitalisation](#)". Mr. Ganesh SAUBA – DNV Netherlands, Representative of PHOENIX Project highlighted the Vision and Scope of the Project. "*Strengthen EPES Cybersecurity Preparedness, Coordinate EPES Cyber Incident Discovery, Response and Recovery and Accelerate Research and Innovation in EPES Cybersecurity is the main goal of PHOENIX Project*" pointed out Ganesh SAUBA.

CRE Association is an active and strategic partner together with its members and other potential members in international consortia for deploying energy projects funded by the EC. CRE already implemented and successfully completed five European H2020 Projects: [SUCCESS](#), [RESERVE](#), [NRG5](#), [WISEGRID](#), [SOGNO](#) and is currently implementing other six projects.

