

**THE ROMANIAN ENERGY CENTER ASSOCIATION IS PLEASED TO INVITE YOU TO THE WORKSHOP
ORGANIZED BY PARTNERS OF ENERGYSHIELD PROJECT CONSORTIUM**

9th of April 2021, Carina Ioana ZIDARU

The representatives of the Romanian Energy Center (CRE) Association will actively contribute and participate at the online Workshop entitled – „*Trends, Opportunities and Choices in Designing a Cyber Resilient European Power Energy System (EPES) Infrastructure*”, on 15th of April 2021, 10:00 – 12:30 CET (11:00 – 13:30 RO). The event is initiated and organized by the following three EnergyShield partners: Software Imagination & Vision (SIMAVI, Romania) – Project Coordinator, KTH Royal Institute of Technology in Stockholm – Dissemination & Communication Leader and National Technical University of Athens (NTUA) - Collaboration Leader. The Workshop will be counted by energy and cybersecurity stakeholders, representatives from the European Commission, European Union Agency for Cybersecurity (ENISA), standardization, and policy-maker bodies.

The main objective of the Workshop aims at engaging different stakeholders in cross-domain topics such as: standardization efforts and policy updates impacting critical infrastructures and cyber security and demonstration of EnergyShield toolkit.

The [Agenda](#) of the **Workshop** addresses aspects of cyber security in EPES sector including standardization efforts and policy updates, the overview of the EnergyShield project and a demonstration of the toolkit developed. Also, the agenda focuses on two topics that will be addressed in two consecutive panels lead by high profile experts from the field. The first one elaborates on the effect of work from home on Energy and IT infrastructures, while the second one addresses latest incidents targeting critical infrastructure and their impact on designing new technologies, business models and policies landscape. [Click HERE if you are interested to REGISTER.](#)

[EnergyShield](#) Project follows an integrative approach to assess, monitor, protect and manage security threats and insights. Several tools are combined in a toolkit that provides a unique perspective and supports the needs of EPES value chain in predicting cyber and physical attacks, learning from previous attacks, and preventing future attacks.

[CRE](#) Association will play an important role in this Event, as Dr. Mihai PAUN, Vice-President and Manager of Projects and Innovation, will actively contribute to the panel discussion entitled – „*Work from home impact on the energy and IT infrastructures*”. CRE is constantly preoccupied and interested in the cyber security domain, also in the development of cybersecurity toolkits for critical infrastructure for its members. The association is also very active to find solutions to improve awareness of cyber threats and attacks for the power energy infrastructure. CRE is in constant contact with EU partners to identify new project consortiums that will tackle the cyber-security matter and to actively participate in dedicated conferences and events.

After six years of intensive activity of the [Innovation and Development Department](#), CRE is among the top ten Romanian organizations from over three thousand entities that managed to win European funding, with a total exceeding four million euros, according to the [statistics](#) of the European Commission (EC). CRE already implemented [SUCCESS](#) Project and is currently implementing other cyber security projects in which the Innovation and Development Department has a significant contribution.

[PHOENIX](#) Project – „*Electrical Power System’s Shield against complex incidents and extensive cyber and privacy attacks*”, started in 2019 and it will end in 2022. The main objective of the project is to improve the cyber security of EPES. PHOENIX aims to offer a cyber-shield armour to European EPES infrastructure enabling cooperative detection of large scale, cyber-human security and privacy incidents and attacks, guarantee to minimize cascading effects in infrastructure, the environment, the citizens and the end-users at reasonable cost.

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, such as: [CROSSBOW](#), [PHOENIX](#), [TRINITY](#), [EDDIE](#), [EDGEFLEX](#), [SUCCESS](#), [RESERVE](#), [NRG5](#), [WISEGRID](#), [SOGNO](#) and [CYBERSEAS](#).

