

THE ROMANIAN ENERGY CENTER ASSOCIATION PARTICIPATED AT THE CROSSBOW PROJECT FINAL CONFERENCE

20th of April 2022, Carina Ioana ZIDARU

The representatives of the Romanian Energy Center (CRE) Association participated at the Final Conference of the "CROSSBOW" Project – "*CROSS BOrder management of variable renewable energies and storage units enabling a transnational Wholesale market*", on 30th of March 2022. The Event was co-organised by UKIM Partner and ETRA, the Coordinator of CROSSBOW Project, with the support of Energy Communities. The Final Conference highlighted the results of the CROSSBOW project, including use cases findings, impacts and barriers found. CROSSBOW celebrated its final conference in a hybrid format, with In-Person sessions hosted in Vienna.

CROSSBOW Project is funded by the European Commission (EC), through the Horizon 2020 Program. CRE is partner in this project together with TRANSELECTRICA S.A., under the coordination of the Group ETRA Investigation Y Desarrollo SA, together with eight other Transport and System Operators (TSOs) from Central and South-East Europe: ADMIE (GR), ESO (BG), EMS (RS), NOS BiH (BA), HOPS (HR), ELES (SI), CGES (ME), MEPSO (MK) and other partners, in a consortium of 24 energy and telecommunications organizations from 13 European countries. The CROSSBOW Project started in November 2017 and will end in April 2022 and has a budget about 22 million Euro.

The **Agenda** of the **CROSSBOW Final Conference** focused on the achievements, impacts and barriers; CROSSBOW products handbook; lessons learnt and recommendations; an open discussion on "*Evaluating the future of the SEE Energy Transition*" where stakeholders contributed such as: Energy Community representatives, TSOs, DSOs or NGOs; and CROSSBOW follow up and new initiatives. The event was concluded by highlighting the next steps after the project completion and exploitation plans ahead for its 9 products awarded by the European Union Innovation Radar.

Additionally, the **CROSSBOW Key Performance Indicators (KPIs)** were addressed as follows: Technical domain: these KPIs refer to the impact on the Power System and certain technical aspects of products developed within CROSSBOW (i.e. the amount of curtailed energy or hydro-power plant flexibility); Economic domain: measure the economic impact for the main actors (i.e. increased revenue or decreased costs for the TSOs); Environmental domain: measure the impact on the environment (i.e. change in greenhouse gas emissions); Social domain: measure social aspects and impacts on citizens and consumer engagement (i.e. creation of new jobs, reduction of energy poverty).

Furthermore, during the discussions were presented some recommendations: further development of technical, regulatory and market conditions are crucial to enable cross-border exchange of flexible capacity, as the existing bilateral contacts between TSOs and asset owners impede regional coordination of flexible assets.

CROSSBOW will have a significant impact on the consortium's commercial and innovation activities. It will contribute to creating more than 70,000 jobs in the concerned regions and will facilitate the access to energy services for approximately 57,000,000 citizens and hundreds of companies. In addition, CROSSBOW will save 3M tonnes of greenhouse gases (GHGs) and facilitate a 10% increase in the share of Renewable Energy Sources (RES).

The **CROSSBOW** Project proposes innovative solutions through the shared use of partners' resources to encourage cross-border management of variable renewable energies and storage units, allowing increased penetration of clean energies, while reducing the operational costs of the network and improving the economic benefits of clean energies and storage units. CRE contributes to the evaluation of the technical and socio-economic impact of CROSSBOW integrated solutions, to the definition of business models and solutions for overcoming local, regional and global barriers, and to the exploitation, business innovation strategy and contribution to standards.

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**

