

ROMANIAN ENERGY CENTER PARTICIPATED IN THE PLENARY MEETING OF THE CROSSBOW PROJECT CONSORTIUM, FINANCED BY THE EUROPEAN COMMISSION

FEBRUARY 7th 2020, Dan PREOȚESCU

Representatives from the Romanian Energy Center Association (CRE) contributed to the plenary meeting of the consortium that develops the project "CROSSBOW" - "CROSS BOrder management of variable renewable energies and storage units enabling a transnational Wholesale market", on January 29th-31st 2020, in Madrid. The CROSSBOW project started on November 1st 2017, spans over four years and has an implementation budget of 22 million Euros. CRE is a partner in this project together with its founding member TRANSELECTRICA, under the coordination of the Spanish Group ETRA Investigación Y Desarrollo SA, together with eight other Transport and System Operators (TSO) 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 event was attended by over 50 representatives from the Project Consortium's Partners and was coordinated by ETRA representatives.

The CRE team, represented by Dan PREOȚESCU and Cătălin CHIMIREL, took an active role in both the plenary sessions and the parallel sessions, dedicated to innovation products packages. The main contributions of the CRE team have been related to product specific issues of the product named Regional Coordination Center, with an emphasis on modeling the electrical network in the region of interest for adopting algorithms for identifying congestions on interconnection lines. CRE also made a significant contribution to the work package on the energy market where it develops a specific product related to the measurement of balancing energies for aFRP (automatic frequency restoration process). The current product development was presented (with the SW example of the product BALQIT - balancing quantities innovative tool), in accordance with the current regulations issued at EC and ENTSO-E levels. The CRE work plan was presented regarding the analysis of the significant impact of the products and other project results on the regulatory framework and standards existing in the countries from the SE European region. The development of the the exploitation plan represented another important aspect on which the plenary discussions were focused, resulting in a first staging proposal and a work plan that will be developed in the forthcoming months.

The meeting was also a good opportunity to organize a technical visit to the dispatch center of the Spanish TSO - REE, where the basic elements regarding the organization of the dispatching management activity within a Member State were appreciated.

CROSSBOW will have a significant impact on the consortium's commercial and innovation activities. It will contribute to savings of 3 Mt of greenhouse gases and will facilitate a 10% increase in the share of RES (15.2TWh) in the transport network. CRE is a partner and has promoted its members and other potential members in international consortia for the implementation of nine energy projects funded by the European Commission under the Horizon 2020 Program: **SUCCESS** ([Link](#)) together with ELECRIKA, **RESERVE** ([Link](#)) together with TRANSELECTRICA, **WiseGRID** ([Link](#)), **NRG5** ([Link](#)) together with ROMGAZ, **CROSSBOW** ([Link](#)) together with TRANSELECTRICA and 8 other Transport and System Operators in the Central and South-East European Region, **SOGNO** ([Link](#)) together with CEZ Romania and TELEKOM Romania, **PHOENIX** ([Link](#)) together with TRANSELECTRICA, E.ON Romania and TELETRANS, **TRINITY** and **EDDIE**.

