

THE WORKSHOP ON KPIS CALCULATION AND CBA IN CROSSBOW PROJECT ORGANIZED BY ROMANIAN ENERGY CENTER ASSOCIATION IN COLLABORATION WITH UNIVERSITY OF LJUBLJANA

1st of March 2021, Dan PREOTESCU

The representatives of the Romanian Energy Center (CRE) Association organized in collaboration with University of Ljubljana, on 25th of February, the „Workshop on KPIS Calculation and CBA” within the European Project - “CROSSBOW” - „CROSS BOrder management of variable renewable energies and storage units enabling a transnational Wholesale market”. CRE coordinated the Session 2 regarding the Methodology for Elaboration of the Cost Benefit Analysis (CBA). 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 Investigación Y Desarrollo SA from Spain, 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 CROSSBOW Project started in November 2017, lasts four and a half years, due to the extension of the initial period by six months and has a budget of 22 million Euros.

The Workshop regarding the **KPIs Calculation and CBA** has been organized as part of the WP 14’ activities. CRE team is the leader of this WP. CRE representatives elaborated and distributed detailed work plans and work sharing for Technical Evaluation and Socio-Economic Impact Assessment. The workshop has been structured in two sessions. First Session addressed the **KPIs Calculation**, and it was coordinated by University of Ljubljana representatives. The goal of this session was to present the KPIs associated to each Crossbow High Level Use Cases and Products, and to check the potential future challenges concerning KPI calculation. Second Session addressed the **Methodology and Implementation Challenges of CBA**, and it was coordinated by CRE representatives. The main objective was to describe the Methodology for Elaboration of the CBA, and to review the potential future challenges for data collection.

In the end of the workshop, participants agreed that both activities - KPI calculation and CBA are in the right track and no potential future risks have been identified. It was decided to elaborate a schedule including intermediate milestones for the activities performed within this WP.

CROSSBOW will have a significant impact on the consortium's commercial and innovation activities. It will contribute at create more than 70,000 jobs in the concerned regions, will facilitate the access to energy services for approximately 57,000,000 citizens and hundreds of companies, and save 3 M tonnes of greenhouse gases (GHGs), and will 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.

Moreover, the 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**.

