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| Call type: 1st Open Call of Proposals |
| Acronym & Project code | ROHU00103 RESolution |
| Project title | **"Joint solutions with practical applications for renewable energy use in cross-border area"**  |
| Priority | PRIORITY 1: Cooperation for a green and more resilient cross-border area between Romania and Hungary |
| Specific Objective | Specific objective Interreg RS02.2 - Promoting renewable energy in accordance with Renewable Energy Directive (EU) 2018/2001, including the sustainability criteria set out therein |
| Implementation period | 24 months (9st of April 2025 –8th of April2027) |
| Objective | The project aims to drive sustainable and resilient energy practices, contributing to the EU's renewable energy targets, by integrating storage technologies, harnessing hydrogen solutions, and pioneering next-gen energy solutions. |
| Partnership | Lead Partner: Békéscsaba, City of County Rank (HU) |
| Project partner: PP 2: Oradea Metropolitan Area Intercommunity Development Association (RO) |
| Total budget | EUR 2,498,437.55 of which ERDF EUR 1,998,750.04 |
| Summary | The project ***‘*Joint solutions with practical applications for renewable energy use in cross-border area *(*ROHU00103 RESolution*)*** aims to provide a timely, innovative, and sustainable approach to energy storage, contributing to a greener, more resilient, and economically stable cross-border area. In case of the LP, in order to decrease the carbon footprint of events, energy will be used to charge mobile batteries, energy which would be otherwise wasted. This energy will be used to power sustainable events as solar power has a much smaller carbon footprint then electricity from the national grid.PP2 will give a new purpose to un unused building, by transforming it into a Metropolitan Centre for Renewable Energy, with offices and laboratory for RES related research. Being a member of a cluster for geothermal development that include universities, private companies, public authorities, PP2 is offering an environment for cluster members to perform research on the field of geothermal energy, aiming to establish a Centre that promotes producing electricity with solar PV panels and heating by geothermal water |
| Main results | * Acquisition of **two mobile batteries** with a combined capacity of minimum 600kWh and **two container chassis** for battery mobility
* Organization of **an Awareness raising campaign** for Sustainable Power by Solar Mobile Batteries
* Development of a **Joint Strategy and Action Plan** for Sustainable Mobile Battery Utilization
* Development of a **Hydrogen strategy** and planning a **Green Hydrogen energy system** connected to Békéscsaba Smart Grid
* Renovation of **Metropolitan center for renewable energy**
* **40 participants in joint actions** related to exchange of good practices
* Development of a **joint strategy on renewable energy**
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