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| **Call: 1st Open Call for Proposals** |
| **Acronym & project ID** |  **CBVRS– ROHU00097** |
| **Project title** | **„Cross-Border Virtual Reality System of Preparedness for Disaster Prevention and Intervention”** |
| **Priority**  | PRIORITY 1 - Cooperation for a green and more resilient cross-border area between Romania and Hungary |
| **Specific objective**  | RS02.4 - Promoting climate change adaptation and disaster risk prevention, resilience, taking into account eco-system based approaches |
| **Implementation period** | 24 months (17 March 2025 – 16 March 2027) |
| **Objectiv** | Enhance emergency services’ capacity and risk prevention through cross-border cooperation by integrating traditional and ICT training methods, including a Virtual Training System, to support professionals, volunteers, authorities, and communities in Timis, Arad, and Csongrad-Csanad counties. |
| **Partnership** | **Lead Partner:** Asociatia de Dezvoltare Intercomunitara pentru Managementul Situatiilor de Urgenta (RO) |
| **Project Partners:** PP2: DKMT Danube-Kris-Mures-Tisa Euroregional Development Agency - Nonprofit Public Benefit Limited (HU) |
| **Total buget**  | EUR 791,003.52 out of which EUR 632,802.81 FEDR  |
| **Summary** | The project ***„Cross-Border Virtual Reality System of Preparedness for Disaster Prevention and Intervention” (ROHU00097 – CBVRS)*** builds on existing cross-border cooperation between Timis, Arad (RO) and Csongrad-Csanad (HU) counties, aiming to enhance disaster preparedness and climate risk prevention through innovative ICT tools such as VR and AR. It promotes harmonized training of emergency professionals, volunteers, youth engagement, and gender mainstreaming to increase community resilience against natural hazards like floods, fires, storms, and droughts.Key deliverables include the acquisition of VR/AR training simulators, fire simulation equipment for youth training, 30 cross-border training events involving 900 youths, and 12 VR/AR sessions training 120 emergency staff and volunteers.The project also produces manuals, handbooks, and digital training programs, supported by a social media platform and coordinated online meetings, ensuring effective management, quality, and communication.Benefits include improved skill retention, enhanced situational awareness, cost reduction via remote training, safety improvements, and environmentally sustainable practices without emissions or water use.Led by experienced partners with euro-regional coverage, CBVRS strengthens cross-border emergency cooperation, contributing to a greener, more resilient, and cohesive Romania-Hungary region. |
| **Main results** | The main results of the project are:* Procurement and provision by LP1 ADIVEST of advanced hardware and software solutions, including VR Trainer Simulators, VR Command Simulators, and AR devices with instructor-led scenarios, aimed at training professional and volunteer emergency staff.
* Procurement and provision by PP2 DKMT of fire simulation equipment specifically designed for youth training activities.
* Development of one cross-border virtual assisted Training Program, created through six online consultation sessions with the CB Virtual Training Community Working Group.
* Delivery of 10 cross-border training sessions for professional and volunteer staff using the acquired simulators and software; each session lasting 2 days with 12 trainees.
* Organization of 30 fire simulation training events across the Hungarian-Romanian cross-border region (10 events in each county: Arad, Csongrád-Csanád, and Timis), engaging 30 youth participants per event alongside instructors and interpreters.
* Preparation of supporting electronic training materials for youth, including:
* A descriptive manual (~20 pages) detailing fire simulation exercises, equipment usage, and firefighting processes, available in Romanian and Hungarian.
* A handbook (~25 pages) on fire injury types, treatment, and first aid equipment, issued in both languages.
* Integration and use of the project’s social media platform to promote the financing program, project vision, and key messages through multimedia educational content aimed at increasing youth involvement and gender mainstreaming in civil protection across the three counties.
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