

HORIZON EUROPE PARTNER SEARCH FORM

Call Topic(s): HORIZON-CL3-2026-01-DRS: Disaster Resilient Society (primarily DRS-01 – preparedness, early warning, risk awareness; also open to DRS-03 and DRS-04)

Project Type: Research & Innovation Action (RIA), Innovation Action (IA)

Are you working with any other partners on this topic?: In discussion with Slovak partners: Elektromont Košice s.r.o. (civil protection / electrical infrastructure), Technical University of Košice (FBERG – logistics and crisis management), and ARES SZR – the Slovak amateur-radio emergency service (HAM radio emergency network, represented by its chair). Not yet formally committed.

EXPERTISE/COMMITMENT OFFERED

Form of Participation in a Horizon Europe Project: I offer my expertise to participate as a Partner in a Horizon Europe Project

Description of Researcher/Research Team Expertise: Founder: engineer (MSc) and MBA, owner of the background IP. Core competencies: mesh/off-grid communication technology, civil-preparedness content and community building, and direct ties to regional civil-protection actors. The team is complemented by Slovak partners under discussion: Elektromont Košice s.r.o. (electrical/critical infrastructure, civil protection authority), TUKE-FBERG (logistics and crisis management), and ARES SZR (amateur-radio emergency network). As an SME we offer fast decision-making and hands-on delivery rather than academic research capacity.

Keywords Specifying Your Expertise: disaster resilience, crisis communication, offline mesh communication, off-grid connectivity, early warning, risk awareness, community preparedness, civil protection, marginalised rural communities, resilient ICT

Activity Offered: Demonstration, Dissemination, Technology

Involvement Proposed/Added-Value to Consortia: Librius can lead or co-lead a task on resilient crisis communication for disaster scenarios. We provide an offline, server-less peer-to-peer mesh communication system (working Bluetooth-mesh prototype, with a planned LoRa and amateur-radio bridge for off-grid coverage) that keeps populations connected when conventional networks fail. We also bring a citizen-facing layer for risk awareness ("Domáca Pevnosť" – educational content and a members' community for



household preparedness), and access to Slovak civil-protection end-users (fire and rescue, volunteer fire brigades, Red Cross, HAM emergency network) in the Košice region, 70 km from the EU–Ukraine border. This adds a concrete, deployable communication and public-engagement component plus a real-world pilot site to a DRS-01 consortium.

PROFILE OF PARTNER SOUGHT

Role: Research, Coordinator (experienced HE coordinator), policy/end-user authorities

Country / Region: Widening Countries, Leading Countries

Expertise Required: Experienced Horizon Europe coordinator able to write and manage a DRS-01 proposal; academic/research partners in disaster risk management, crisis preparedness or risk communication (preferably one from a leading Western EU country to ensure geographic balance); civil-protection authorities and first responders from additional EU countries to meet end-user involvement requirements.

PREVIOUS EXPERIENCE

Short Introduction of Key Areas of your previous Research/Innovation projects: As a newcomer to the Framework Programme, our experience comes from our own self-funded innovation work rather than prior FP projects. Key areas: development of an offline peer-to-peer mesh communication system for disaster scenarios (working Bluetooth-mesh prototype, with a planned LoRa and amateur-radio bridge for off-grid coverage); and the "Domáca Pevnosť" civil-preparedness initiative (educational content and a members' community for household disaster readiness). We bring background IP, a functional prototype, and direct ties to regional civil-protection actors in eastern Slovakia.

Have you previously participated in a Framework Programme (FP) European project?: No



CONTACT DATA

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RESEARCH AREAS OF INTEREST

Pillar 2: Global Challenges & European Industrial Competitiveness: Cluster 3: Civil Security for Society, Cluster 4: Digital, Industry & Space

Pillar 3: Innovative Europe: European Innovation Council (EIC)

Horizontal & Cross-Cutting Areas: Widening Participation & Strengthening the European Research Area (WIDERA), EU Mission - Adaptation to Climate Change

CONSENT TO INFORMATION SHARING

I agree with the publication of my contact data: Yes