

HORIZON EUROPE PARTNER SEARCH FORM

Call Topic(s): HORIZON-CL3-2026-01-INFRA-02 Security challenges of the green transition in urban and peri urban areas HORIZON-CL3-2026-01-DRS-05 Climate security and civil preparedness – new ways to develop pre- and post-crisis climate-change related scenarios for a more resilient Europe HORIZON-CL3-2026-01-DRS-01 Designing new ways of risk awareness and enhanced disaster preparedness HORIZON-CL3-2027-01-DRS-02 Societal resilience, engagement of the younger generations and digital innovation for disaster resilience HORIZON-CL5-2027-01-D1-13 Next generation scenarios for informing climate and sustainability transitions HORIZON-CL6-2027-01-CIRCBIO-02-two-stage Using the Circular Cities and Regions Initiative to strengthen urban manufacturing in support of the Clean Industrial Deal HORIZON-CL6-2027-01-ZEROPOLLUTION-02 Developing effective air quality planning strategies through innovative multi-scale modelling HORIZON-CL6-2027-01-ZEROPOLLUTION-04 Europe-wide environmental benchmarking system of the industrial bioeconomy sectors

Project Type: Research & Innovation Action (RIA), Innovation Action (IA), Coordination and Support Action (CSA)

Are you working with any other partners on this topic?: No. I am currently not part of a consortium for these topics and am looking to join an existing or forming consortium as a partner.

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: Enterprise Risk Management (ERM) and integrated risk management systems, Risk assessment and risk modelling methodologies, Occupational Safety and Health (OSH) and workplace risk prevention, Environmental Management Systems (ISO 14001), Occupational Health and Safety Management Systems (ISO 45001), ESG and sustainability assessment, Double Materiality Assessment and sustainability reporting, Environmental risk assessment and environmental impact evaluation.

Keywords Specifying Your Expertise: Occupational safety and health, risk assessment, environmental management, ESG reporting, enterprise risk management, risk awareness, ISO 14001, climate resilience, environmental pollution, circular economy.

Activity Offered: Research, Demonstration, Dissemination, Training, Risk assessment

Involvement Proposed/Added-Value to Consortia: The research team provides expertise in integrated risk management, occupational safety and health, environmental management, ESG and sustainability assessment, climate-related risk assessment, organisational resilience and circular economy. The team has extensive experience in developing and validating innovative risk assessment methodologies and decision-support tools for industrial organisations. Particular added value lies in the integration of Enterprise Risk Management, Environmental Management, Occupational Safety and Health, ESG requirements and climate resilience into comprehensive assessment frameworks supporting evidence-based decision-making and sustainable organisational development. The team can contribute to methodology development, pilot validation, sustainability assessment, stakeholder engagement, training activities, dissemination and exploitation of project results.

PROFILE OF PARTNER SOUGHT

Role: Technology Development, Research, Demonstration, Training, Coordination, Dissemination

Country / Region: Any - Europe/North America/South America, Leading Countries, Widening Countries

Expertise Required: Looking for partners and a coordinator. The team is open to consortia.

PREVIOUS EXPERIENCE

Short Introduction of Key Areas of your previous Research/Innovation projects: Research activities are focused on enterprise risk management (ERM), occupational safety and health (OSH), environmental management, ESG and sustainability assessment, climate-related risk assessment, organisational resilience and disaster preparedness. The research team has developed and validated innovative risk assessment methodologies, including the ALrisk model for occupational risk assessment and the IMORM model for integrated occupational and environmental risk assessment, the latter built on a UNIZA

research project on environmental and occupational risks in cement surface mining. The team has further experience from national research grants on integrated risk management and corporate sustainability (APVV), societal resilience to failures of digital and electronic services, and process risk management (VEGA), as well as from international educational and cooperation projects under Erasmus+ (SAFE-GENS, CAELUM) and Interreg (climate-related extreme rainfall resilience). This combination provides both methodological depth in risk assessment and broad experience in international research and innovation collaboration.

Have you previously participated in a Framework Programme (FP) European project?: Yes

Please select the applicable ones: Yes

Please write Project Title / Acronym: HARP – Hope and Resilience in Climate Change Education; Improving Emergency Response Sustainability; Cortex – Virtual and Mixed Reality for Enhancing Disaster Risk Management

Describe briefly your role in the project and activities performed: HARP – Hope and Resilience in Climate Change Education (Horizon Europe, project No 101160082, coordinated by Masaryk University) – Participated in project activities, including international summer schools focused on climate change education, resilience and emotion-sensitive learning (Masaryk University and Utrecht University – Freudenthal Institute). Improving Emergency Response Sustainability (Horizon Europe, Cluster 3) – Contributed as a consortium partner to the preparation of the project proposal, focusing on the sustainability and resilience dimensions of emergency response and crisis management. Cortex – Virtual and Mixed Reality for Enhancing Disaster Risk Management (Horizon Europe, Cluster 3) – Contributed to the preparation of the project proposal, focusing on disaster risk management, risk assessment and preparedness aspects.

CONTACT DATA

Organisation: University of Zilina

Research Organisation Type: University

Department: Faculty of Security Engineering, Department of Crisis Management

City: Zilina

Country: Slovakia



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RESEARCH AREAS OF INTEREST

Pillar 1: Excellent Science: Marie Skłodowska-Curie Actions (MSCA)

Pillar 2: Global Challenges & European Industrial Competitiveness: Cluster 3: Civil Security for Society, Cluster 5: Climate, Energy & Mobility, Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture & Environment

Horizontal & Cross-Cutting Areas: Widening Participation & Strengthening the European Research Area (WIDERA), EU Mission - Adaptation to Climate Change, EU Mission - Climate-neutral and Smart Cities, EU Mission - Soil Health and Food

CONSENT TO INFORMATION SHARING

I agree with the publication of my contact data: Yes