

HORIZON EUROPE PARTNER SEARCH FORM

Call Topic(s): • HORIZON-CL3-2027-01-INFRA-01: Enhancing physical protection of critical infrastructures • HORIZON-CL3-2026-01-FCT-05: Enhancing the security of citizens against terrorism and lone-actor violence in confined spaces such as schools • 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-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

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

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: Expertise of research team: • addressing emergencies and crisis situations in the natural, economic and social environment, • socio-economic, socio-psychological and ethical issues of security and crisis management, • security management, • modelling and designing security systems, • protection of soft targets, • fire protection and fire engineering, • integrated rescue systems and management of rescue services, • critical infrastructure protection, • transport logistics and applied informatics and others.

Keywords Specifying Your Expertise: security management, risk awareness, disaster preparedness, critical infrastructure protection, civil security, societal vulnerability, societal resilience, physical protection of critical infrastructure

Activity Offered: Research, Demonstration, Dissemination, Training

Involvement Proposed/Added-Value to Consortia: Our research and development activities are oriented especially on solution of technical, technological and managing tasks connected with creation and ensuring the inhabitants security especially under

emergency and extreme situations caused by natural or human factors, namely the tasks of prevention and solution of incurred events. To address potential project activities FSE can provide existing research infrastructure in Laboratory of research systems for protection of critical infrastructure facilities, Laboratory for modeling and simulation of crisis events in transport for enhancing decision - making efficiency and in Laboratory of fire-protection.

PROFILE OF PARTNER SOUGHT

Role: Technology Development, Research, Demonstration, Training

Country / Region: Leading Countries

PREVIOUS EXPERIENCE

Short Introduction of Key Areas of your previous Research/Innovation projects: - advanced forensic toolbox - impact of extreme weather on critical infrastructure, - trailblazing inclusive, sustainable and resilient cities - joint needs analysis and reconstruction planning in complex cross-sectoral crisis environments, using the community as an important source of information and capacity,

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

Please select the applicable ones: Yes

Please write Project Title / Acronym: SALIANT, RAIN, InCities, COBACORE

Describe briefly your role in the project and activities performed: -real-time analysis of trace levels of explosives, chemicals, and drugs, support, - development of operational analysis framework that identifies critical infrastructure components impacted by extreme weather events and minimise the impact of these events on the EU infrastructure network, - transformations of HEIs and their surrounding ecosystem centred around on cities' needs of inclusion, sustainability and resilience,

CONTACT DATA

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Research Organisation Type: University

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RESEARCH AREAS OF INTEREST

Pillar 1: Excellent Science: Research Infrastructures

Pillar 2: Global Challenges & European Industrial Competitiveness: Cluster 3: Civil Security for Society

Pillar 3: Innovative Europe: European Institute of Innovation and Technology (EIT)

Horizontal & Cross-Cutting Areas: Widening Participation & Strengthening the European Research Area (WIDERA)

CONSENT TO INFORMATION SHARING

I agree with the publication of my contact data: Yes