Civil Security for Society in Horizon Europe

EU Framework programme for resrach and innovation 2021-2027

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Horizon Europe is a political instrument

fuel EU's **scientific and technological excellence** and the strengthen the European Research Area (ERA)

Science & technology

tackle policy priorities, including **green and digital transitions** and Sustainable Development Goals

Society

boost Europe's **innovation uptake**, **competitiveness** and **jobs**

Economy

European Commission

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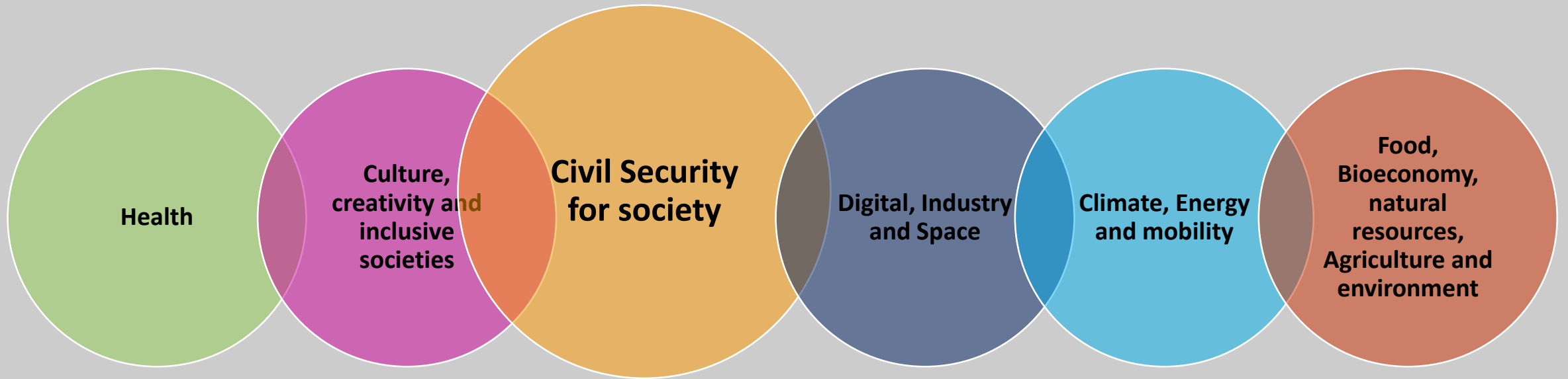
Horizon Europe

95,5 billion euro

Global Challenges and European Industrial Competitiveness

Boosting key technologies and solutions, underpinning EU policies and Sustainable Development Goals

Health

Culture, creativity and inclusive societies

Civil Security for society

Digital, Industry and Space

Climate, Energy and mobility

Food, Bioeconomy, natural resources, Agriculture and environment

Why participate in collaboration projects?

- Access to new knowledge, skills, methods, data, facilities and technologies

- Strategic partnerships and collaborations

- Development of cutting-edge ideas and solutions to address Global challenges

- Opportunities for multidisciplinary and interdisciplinary research and cross-sector collaborations

- Projects often fund researchers, research assistants, laboratory assistants etc. and give them international merit and experience.

- It is fun and exciting!

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Minimum consortium size

• Collaborative projects (incl. RIAs, IAs): Usually a consortium must have a minimum of 3 independent legal entities, each established in different EU Member States (MS) or Associated Countries (AC), with at least 1 of them established in a MS

• Coordination & Support Actions: One or more legal entities, which may be established in a MS, AC, or in exceptional cases and if provided for in the specific call conditions, in another third country.

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Main types of projects

Research and innovation actions (RIA)

Innovation actions (IA)

Coordination and support actions (CSA)

Cluster 3 – Civil Security for society

Civil Security for Society – Destinations

Better protect the EU and its citizens against Crime and Terrorism

Effective management of EU external borders

Protected Infrastructure

Increased Cybersecurity

A Disaster-Resilient Society for Europe

SSRI (Strengthened Security Research and Innovation)

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Fight against crime and terrorism

➢ Modern information analysis for fighting crime and terrorism

➢ Improved forensics and lawful evidence collection

➢ Enhanced prevention, detection and deterrence of societal issues related to various forms of crime

➢ Increased security of citizens against terrorism, including in public spaces

➢ Citizens are protected against cybercrime

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Topic examples

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-FCT-01-01: Improved crime scene investigations related to transfer, persistence and background abundance	IA	7	23 November, 2022
HORIZON-CL3-2022-FCT-01-02: Better understanding the influence of organisational cultures and human interactions in the forensic context as well as a common lexicon	RIA	3	23 November, 2022
FCT03 Enhanced prevention, detection and deterrence of societal issues related to various forms of crime	RIA	3	23 November, 2022
HORIZON-CL3-2022-FCT-01-03: Enhanced fight against the abuse of online gaming culture by extremists	IA	5	23 November, 2022
HORIZON-CL3-2022-FCT-01-05: Effective fight against corruption	IA	5	23 November, 2022

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Topic examples

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-FCT-01-06: Effective fight against illicit drugs production and trafficking	IA	5	23 November, 2022
HORIZON-CL3-2022-FCT-01-07: Effective fight against trafficking in human beings	IA	5	23 November, 2022

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Border management

➤ Efficient border surveillance and maritime security

➤ Secured and facilitated crossing of external borders

➤ Better customs and supply chain security

Topic examples

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-BM-01-01: Improved underwater detection and control capabilities to protect maritime areas and sea harbours	RIA	6	23 November, 2022
HORIZON-CL3-2022-BM-01-02: Enhanced security of, and combating the frauds on, identity management and identity and travel documents	IA	6	23 November, 2022
HORIZON-CL3-2022-BM-01-03: Better, more portable and quicker analysis and detection for customs	IA	3	23 November, 2022
HORIZON-CL3-2022-BM-01-04: OPEN TOPIC	RIA	3,50	23 November, 2022
HORIZON-CL3-2022-BM-01-05: OPEN TOPIC	IA	3,50	23 November, 2022

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Resilient Infrastructure

- Ensured resilience of large-scale interconnected systems infrastructures, in case of complex attacks

- Upgraded infrastructure protection systems enable rapid, effective, safe and secure response

- Resilient and secure smart cities are protected

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Resilient Infrastructure

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-INFRA-01-01: Nature-based Solutions integrated to protect local infrastructure	RIA	5	23 November, 2022
HORIZON-CL3-2022-INFRA-01-02: Autonomous systems used for infrastructure protection	IA	6	23 November, 2022

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Destination 4: Increased Cybersecurity

➢ Strengthened EU cybersecurity capacities and European Union sovereignty in digital technologies

➢ More resilient digital infrastructures, systems and processes

➢ Increased software, hardware and supply chain security

➢ Secured disruptive technologies

➢ Smart and quantifiable security assurance and certification shared across the EU

➢ Reinforced awareness and a common cyber security management and culture

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Increased cybersecurity

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-CS-01-01: Improved monitoring of threats, intrusion detection and response in complex and heterogeneous digital systems and infrastructures	IA	4-6	16 November, 2022
HORIZON-CL3-2022-CS-01-02: Trustworthy methodologies, tools and data security "by design" for dynamic testing of potentially vulnerable, insecure hardware and software components	RIA	3-5	16 November, 2022
HORIZON-CL3-2022-CS-01-03: Transition towards Quantum-Resistant Cryptography	IA	3,50-6	16 November, 2022
HORIZON-CL3-2022-CS-01-04: Development and validation of processes and tools used for agile certification of ICT products, ICT services and ICT processes	IA	3-5	16 November, 2022

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Destination 5: Disaster Resilient Society

- Societal Resilience: Increased risk awareness and preparedness of citizens

- Improved Disaster Risk Management and Governance

- Strengthened capacities of first and second responders

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Disaster Resilient Society

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-DRS-01-01: Enhanced citizen preparedness in the event of a disaster or crisis-related emergency	RIA	5	23 November, 2022
HORIZON-CL3-2022-DRS-01-02: Enhanced preparedness and management of High-Impact Low-Probability or unexpected events	IA	5	23 November, 2022
HORIZON-CL3-2022-DRS-01-04: Better understanding of citizens' behavioural and psychological reactions in the event of a disaster or crisis situation	RIA	5	23 November, 2022
HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas	IA	5	23 November, 2022
HORIZON-CL3-2022-DRS-01-06: Improved disaster risk pricing assessment	IA	6	23 November, 2022

Disaster Resilient Society

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-DRS-01-07: Improved international cooperation addressing first responder capability gaps	RIA	5	23 November, 2022
HORIZON-CL3-2022-DRS-01-08: Enhanced situational awareness and preparedness of first responders and improved capacities to minimise time-to-react in urban areas in the case of CBRN-E-related events	IA	5	23 November, 2022
HORIZON-CL3-2022-DRS-01-09: Enhanced capacities of first responders more efficient rescue operations, including decontamination of infrastructures in the case of a CBRN-E event	IA	6	23 November, 2022

Destination 6: Support to Security Research and Innovation

- A more effective and efficient evidence-based development of EU civil security capabilities

- Increased industrialisation, commercialisation and adoption of outcomes

- R&I-enabled knowledge and value in cross-cutting matters

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Support to Security Research and Innovation

Topic	Action	Expected budget per project M€	Deadline
HORIZON-CL3-2022-SSRI-01-01: Increased foresight capacity for security	CSA	1,50	23 November, 2022
HORIZON-CL3-2022-SSRI-01-02: Knowledge Networks for security Research & Innovation	CSA	2	23 November, 2022
HORIZON-CL3-2022-SSRI-01-03: Stronger grounds for pre-commercial procurement of innovative security technologies	CSA	1	23 November, 2022
HORIZON-CL3-2022-SSRI-01-04: Social innovations as enablers of security solutions and increased security perception	RIA	2	23 November, 2022

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Message to convey

1

Look at relevant EU-policy

2

Social context and human factors are important

3

Participation of Practitioners are mandatory

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EU Policies

A Counter-Terrorism Agenda for the EU

European Union support to the Sendai Framework for Disaster Risk Reduction (2015-2030)

EU Cyber Security Strategy

New Pact on Migration and Asylum

European Union Maritime Security Strategy
RESPONDING TOGETHER TO GLOBAL CHALLENGES
A guide for stakeholders

EU Civil Protection Mechanism

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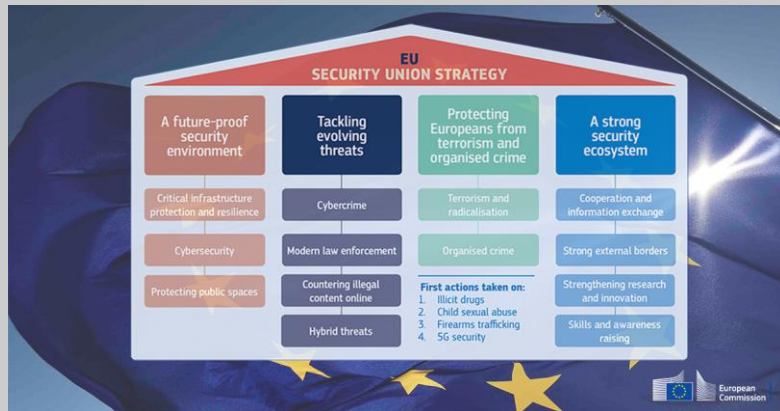
Security & Social Sciences and Humanities (SSH)

".... this topic requires the effective contribution of Social Science and Humanities (SSH) disciplines and the involvement of SSH experts, institutions as well as the inclusion of relevant SSH expertise, in order to produce meaningful and significant effects enhancing the societal impact of the related research activities."

"..... full involvement of citizens and civil society organisations is crucial to achieve solutions that meet the requirement of having a balanced approach between security and openness of public spaces."

"Social innovation is recommended when the solution is at the socio-technical interface and requires social change, new social practices, social ownership or market uptake."

End-user and Practitioner involvement
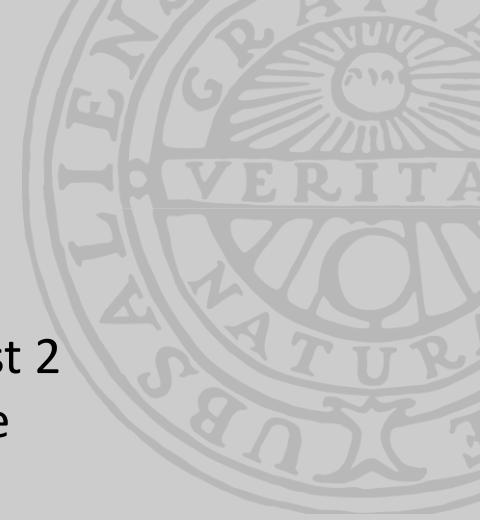
"This topic requires the active involvement of at least 2 Police Authorities and at least 2 First Responder organisations… For these participants, applicants must fill in the table "Eligibility information about practitioners"

"End-users should be involved in all steps of the cycle from design to development and testing. "

This topic requires the active involvement of at least 3 organisations representing citizens or local communities, practitioners (first and/or second responders), and local or regional authorities and private sector

"Cooperate with the Networks of Practitioners projects funded under H2020"

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What is Practitioners?

"Someone who is qualified or registered to practice a particular occupation, profession in the field of security or civil protection."

(Work programme)

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Eligibility information about practitioners as specified in the Work Programme

It is mandatory to fill out this table based on the topic requirements listed in the Work Programme. Failing to fill out the table and/or submitting it makes an application automatically ineligible.

Participant short name and number as in part A of the proposal	Category of entity as required in the WP under the "Specific conditions – Eligibility conditions" section for each of the topics (Police Authorities, first-responder, etc.)	Departments/ services/ units of the participant that will contribute	In which role(s) will the participant contribute to the action? How does this serve the aim of the eligibility condition as outlined in topic conditions?

Useful links

[Vinnovas webbplats om Horisont Europa](#) – information om programmet och kontakt

[Funding and Tenders](#) – EU-kommissionens (EC) portal för utlysningar och ansökan

[Funding opportunities Civil Security](#)

[Horisont Europa](#) – EUs hemsida om Horisont Europa

[Homepage | Horizon Europe Info Days 2021 (horizon-europe-infodays2021.eu)](#)

[Home (seren-project.eu)](#)

[Reference Documents](#) – regelverk, mallar, guider etc.

[Dashboard](#) – Horisont 2020-databas för statistik och beviljade project

[How to prepare a successful proposal in Horizon Europe](#) – Webinar

[CERIS](#) – Community of users

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Thank you and good luck with your applications

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