

Horizon Europe Funding Opportunities - 2022

Cluster 3 - Civil Security for Society

ISERD is the interface between the Israeli government and the EU, for all the activities of the Framework Programme. Our goal is to promote participation of Israeli entities in European research and innovation (R&I) activity and to increase Israel's scientific and industrial collaboration with the European R&I ecosystem. ISERD holds events, information days, and invites you to join [monthly Orientation Presentations](#), providing more information about funding opportunities

Horizon Europe (HEU)

HEU is a 95.5-billion-euro funding programme for R&I, that covers all major scientific and technological disciplines, and encourages collaborative projects (consortia) for a joint goal.

- Consortium –
 - ✓ At least 3 partners from 3 different countries participating in the programme
 - ✓ Out of the 3, at least one partner must be from a member state (EU country)
 - ✓ A partner can be any legal entity – university, company, agency, organisation, etc...

- Funding Tools –

Action	Funding*	Technology Readiness Level	Main Characteristics
RIA – Research & Innovation Action	100% + 25%	Low TRL (4-6)	Basic and applied research , technology development and integration, testing and validation - small-scale prototype in laboratory or simulated environment
IA – Innovation Action	70% + 25%	High TRL (6-8)	Prototyping , testing, demonstrating, piloting, large-scale product validation and market replication
CSA - Coordination & Support Action	100% + 25%		Networking , coordination or support services , policy dialogues and mutual learning exercises and studies

* Non-profit: always 100% + 25% overhead

HEU Orientation
Presentation

Events

Previous Funded
Projects

Cluster 3
Work Programme

For further Information:

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Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
Destination 1 - Better protect the EU and its citizens against Crime and Terrorism				
FCT01 - Modern information analysis for fighting crime and terrorist - calls <u>ONLY</u> in 2021				
FCT02 - Improved forensics and lawful evidence collection				
HORIZON-CL3-2022-FCT-01-01: Improved crime scene investigations related to transfer, persistence and background abundance	7-8	7M	IA	23.11.2022
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	-	3M	RIA	23.11.2022
FCT03 - Enhanced prevention, detection and deterrence of societal issues related to various forms of crime				
HORIZON-CL3-2022-FCT-01-03: Enhanced fight against the abuse of online gaming culture by extremists	-	3M	RIA	23.11.2022
FCT04 - Increased security of citizens against terrorism, including in public spaces				
HORIZON-CL3-2022-FCT-01-04: Public spaces are protected while respecting privacy and avoiding mass surveillance	-	3M (Lump-sum)	CSA	23.11.2022
FCT05 - Organised crime prevented and combated				
HORIZON-CL3-2022-FCT-01-05: Effective fight against corruption	6-7	5M	IA	23.11.2022
HORIZON-CL3-2022-FCT-01-06: Effective fight against illicit drugs production and trafficking	6-7	5M	IA	23.11.2022
HORIZON-CL3-2022-FCT-01-07: Effective fight against trafficking in human beings	6-7	5M	IA	23.11.2022
FCT06 - Citizens are protected against cybercrime - calls <u>ONLY</u> in 2021				
Destination 2 - Effective management of EU external borders				
BM01 - Efficient border surveillance and maritime security				
HORIZON-CL3-2022-BM-01-01: Improved underwater detection and control capabilities to protect maritime areas and sea harbours	4-6	6M	RIA	23.11.2022

Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
BM02 - Secured and facilitated crossing of external borders				
HORIZON-CL3- 2022-BM-01-02: Enhanced security of, and combating the frauds on, identity management and identity and travel documents	7-8	6M	IA	23.11.2022
BM03 - Better customs and supply chain security				
HORIZON-CL3-2022-BM-01-03: Better, more portable and quicker analysis and detection for customs	7-8	6M (funding 2 projects)	IA	23.11.2022
HORIZON-CL3-2022-BM-01-04: OPEN TOPIC Proposals that address research themes or challenges already covered by other topics in this Destination in 2021 or 2022 cannot be submitted under this topic.	5-7	3.5M	RIA	23.11.2022
HORIZON-CL3-2022-BM-01-05: OPEN TOPIC Proposals that address research themes or challenges already covered by other topics in this Destination in 2021 or 2022 cannot be submitted under this topic.	5-7	3.5M	IA	23.11.2022
Destination 3 - Resilient Infrastructure				
INFRA01 - Improved preparedness and response for large-scale disruptions of European infrastructures - Call <u>ONLY</u> in 2021				
INFRA02 - Resilient and secure smart cities				
HORIZON-CL3-2022-INFRA-01-01: Nature-based Solutions integrated to protect local infrastructure	4-5	5M (Lump-sum)	RIA	23.11.2022
HORIZON-CL3-2022-INFRA-01-02: Autonomous systems used for infrastructure protection	6-7	6M (Lump-sum)	IA	23.11.2022
Destination 4 - Increased cybersecurity				
CS01 - Secure and resilient digital infrastructures and interconnected systems				
HORIZON-CL3-2022-CS-01-01: Improved monitoring of threats, intrusion detection and response in complex and heterogeneous digital systems and infrastructures	7	21M (funding 4 projects)	IA	16.11.2022
CS02 - Hardware, software and supply chain security				

Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
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	4	17.3M (funding 4 projects)	RIA	16.11.2022
CS03 - Cybersecurity and disruptive technologies				
HORIZON-CL3-2022-CS-01-03: Transition towards Quantum-Resistant Cryptography	6	11M (funding 2 projects)	IA	16.11.2022
CS04 - Smart and quantifiable security assurance and certification shared across Europe				
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	7	18M (funding 4 projects)	IA	16.11.2022
CS05 - Human-centric security, privacy and ethics - call <u>ONLY</u> in 2021				
Destination 5 - Disaster-Resilient Society for Europe				
DRS01 - Societal Resilience: Increased risk Awareness and preparedness of citizen				
HORIZON-CL3-2022-DRS-01-01: Enhanced citizen preparedness in the event of a disaster or crisis-related emergency	-	5M	IA	23.11.2022
HORIZON-CL3-2022-DRS-01-02: Enhanced preparedness and management of High-Impact Low-Probability or unexpected events	4-5	5M	RIA	23.11.2022
HORIZON-CL3-2022-DRS-01-03: Improved quality assurance / quality control of data used in decision-making related to risk management of natural hazards, accidents and CBRN events	6-8	5M	IA	23.11.2022
HORIZON-CL3-2022-DRS-01-04: Better understanding of citizens' behavioural and psychological reactions in the event of a disaster or crisis situation	-	5M	RIA	23.11.2022
DRS02 - Improved Disaster Risk Management and Governance				
HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas	6-8	5M	IA	23.11.2022

Information updated according to June 2021 Final Work Programme

Topic	Expected TRL	Topic Budget [M€]	Action	Deadline [dd.mm.yyyy]
HORIZON-CL3-2022-DRS-01-06: Improved disaster risk pricing assessment	5-6	5M	IA	23.11.2022
DRS03 - Strengthened capacities of first and second responders				
HORIZON-CL3-2022-DRS-01-07: Improved international cooperation addressing first responder capability gaps	-	5M	RIA	23.11.2022
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	6-8	5M	IA	23.11.2022
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	6-8	6M	IA	23.11.2022
Destination 6 - Support to Security Research and Innovation				
SSRI01 - Stronger pillars of security Research and Innovation				
HORIZON-CL3-2022-SSRI-01-01: Increased foresight capacity for security	-	1.5M (Lump-sum)	CSA	23.11.2022
HORIZON-CL3-2022-SSRI-01-02: Knowledge Networks for Security Research & Innovation- 1 of each: <ul style="list-style-type: none"> Option A: Disaster Resilience Option B: Fighting Crime and Terrorism 	-	4M (funding 2 projects) (Lump-sum)	CSA	23.11.2022
SSRI02 - Increased Innovation uptake				
HORIZON-CL3-2022-SSRI-01-03: Stronger grounds for pre-commercial procurement of innovative security technologies	-	2M (funding 2 projects) (Lump-sum)	CSA	23.11.2022
SSRI03 - Cross-cutting knowledge and value for common security solutions				
HORIZON-CL3-2022-SSRI-01-04: Social innovations as enablers of security solutions and increased security perception	-	2M	RIA	23.11.2022