HORIZON EUROPE AND CLUSTER 3 NOVELTIES

eNewsletter

MARCH 2024

FUNDING INFORMATION

NEWS AND EVENTS

RELEVANT INITIATIVES

SUCCESS STORIES AND MORE

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SOME WELCOME WORDS FROM SEREN5 COORDINATOR:

The SEREN5 Coordinator, Flavia La Colla from APRE (Italy) strongly recommend not to miss the 2024 funding opportunities related to Horizon Europe Cluster 3 "Civil Security for Society".

Experienced applicants, but also newcomers will have the occasion to find a suitable topic for their project ideas, to improve their competences thanks to the international collaboration and to see their solutions approaching the market.

So, good luck for your project proposals!

WHAT IS VERY USEFUL TO KNOW FROM FUNDING INFORMATION?

These are some useful information and material to support you in preparation of your proposals.

WORK PROGRAMME FOR CLUSTER 3 – CIVIL SECURITY FOR SOCIETY -2024 CALLS

The work programme 2023 - 2024 which was published last year is just on the second year period and it is possible to be apparently listed all information to have enough time to be prepared to spread some serious topics. What about the destination? – They are the same as previous year calls.

Anyway, we are waiting for further explanation and calls description during INFO DAYS 2024 which will be held on June.

Which topics can I find for 2024 Calls in Work Programme 2023 – 2024?

Call - Fighting Crime and Terrorism (FCT) - 2024			
CL3-2024-FCT-01-01	Mitigating new threats and adapting investigation strategies in the era of Internet of Things	RIA	-
CL3-2024-FCT-01-02	Open topic	RIA	-
CL3-2024-FCT-01-03	Lawful evidence collection in online child sexual abuse investigations, including undercover	RIA	-
CL3-2024-FCT-01-04	Radicalisation and gender	RIA	-
CL3-2024-FCT-01-05	Combating hate speech online and offline	RIA	-
CL3-2024-FCT-01-06	Open Topic	RIA	-
CL3-2024-FCT-01-07	CBRN-E detection capacities in small architecture	IA	
CL3-2024-FCT-01-08	Tracing of cryptocurrencies transactions related to criminal purposes	IA	

	Call - Border Management (BM) - 2024		
CL3-2024-BM-01-01	Open Topic	IA	Lump sum
CL3-2024-BM-01-02:	Interoperability for border and maritime surveillance and situational awareness	IA	Lump sum
CL3-2024-BM-01-03	Advanced user-friendly, compatible, secure identity and travel document management	IA	Lump sum
CL3-2024-BM-01-04	Integrated risk-based border control that mitigates public security risk, reduces false positives and strengthens privacy	IA	Lump sum
CL3-2024-BM-01-05	Detection and tracking of illegal and trafficked goods	IA	Lump sum
	Call - Resilient Infrastructure (INFRA) - 2024		
CL3-2024-IN-FRA-01-01	Open Topic	IA	Lump sum
CL3-2024-IN-FRA-01-02	Resilient and secure urban planning and new tools for EU territorial entities	IA	Lump sum
CL3-2024-IN-FRA-01-03	Advanced real-time data analysis used for infrastructure resilience	RIA	Lump sum
	Call - Increased Cybersecurity (CS) - 2024		
CL3-2024-CS-01-01	Approaches and tools for security in software and hardware development and assessment	IA	Lump sum
CL3-2024-CS-01-02	Post-quantum cryptography transition	RIA	-
	Call - Disaster-Resilient Society (DRS) - 2024		
CL3-2024-DRS-01-0	Prevention, detection, response and mitigation of chemical, biological and radiological threats to agricultural production, feed and food processing, distribution and consumption	RIA	-
CL3-2024-DRS-01-02	Open Topic	RIA	-
CL3-2024-DRS-01-03	Harmonised / Standard protocols for the implementation of alert and impact forecasting systems as well as transnational emergency management in the areas of high-impact weather / climatic and geological disasters	IA	--

CL3-2024-DRS-01-04	Hi-tech capacities for crisis response and recovery after a natural-technological (NaTech) disaster	RIA	-
CL3-2024-DRS-01-05	Cost-effective sustainable technologies and crisis management strategies for RN large-scale protection of population and infrastructures after a nuclear blast or nuclear facility incident	RIA	-
Call - Support to Security Research and Innovation (SSRI) - 2024			
CL3-2024-SSRI-01-01	Demand-led innovation through public procurement	PCP	--
CL3-2024-SSRI-01-02	Accelerating uptake through open proposals for advanced SME innovation	IA	-

For 2024, all the Calls will be launched on 27 Jun 2024, with a deadline on 20 Nov 2024.

New Horizon Europe calls addressing Civil Security for Society in Cluster 3 will be officially presented in June during INFO DAYS and we will inform you in advance about forthcoming great event and opportunity to participate in the brokerage event organised by SEREN5.

NOVEL NEWCOMERS´ GUIDE
– HOW TO BE A CLUSTER 3 NCP- IS READY

SEREN5 has published a new Guide - "How to be a cluster 3 NCP"

This new guide has been created as an info set for beginners, that provides information about the role of NCPs, and includes a short overview of the Horizon Europe Programme.

In the article "Core services provided by NCPs" you can find some useful tips on:
• Information and awareness raising
• Assistance, advice and training
• Signposting and cooperation

A list of training materials is provided for topics like proposal preparation, cross-cutting aspects, legal and financial issues, dissemination, exploitation and communication, and lump sum.

The most interesting part of the new Guide is the Chapter on practical aspects of the CL3 NCP daily work, which includes information about:

- Communication with the EC
- NCP Meetings
- Staying up-to-date with policy developments or networking with EC and stakeholders
- and many more.

The Guide aims to introduce important aspects of Cluster 3, and other useful resources, to newcomer NCPs. Newly appointed Cluster 3 NCPs can find specific information and tips about this particular role, equipping them with a set of main guiding principles, recommendations, and concrete suggestions for their daily work. The novel tool very simply provide newly appointed CL3 NCPs with specific information and tips about this particular role, equipping them with a set of main guiding principles, recommend actions, and concrete suggestions for their daily work.

For more information you can find the published version of the guide on the web page of SEREN5.

ARTIFICIAL INTELLIGENCE RESEARCH, FUNDING, POLICY AND RELATED PUBLICATION

Developing a policy on AI in Science Commission's AI strategy has 2 key directions issues:

- accelerating the adoption of AI by scientists, by creating essential enablers such as improved access to data, computational power and talent

- monitoring and steering the impact of AI on the scientific process, addressing science-specific AI challenges such as preserving scientific integrity and methodological rigour.

The main goal of EU Commission is to working together with the European scientific community, to harness AI's vast potential while addressing the concerns of EU citizens.

The document AI in Science:
Harnessing the power of AI to accelerate discovery and foster innovation you can find as published here: https://op.europa.eu/en/publication-detail/-/publication/094c045c-9e21-11ee-b164-01aa75ed71a1/language-en/format-PDF/source-301545308

Which news and events are ongoing or relevant?

HORIZON EUROPE CLUSTER 3 (2024 Work Programme) PAVING THE WAY TO PARTICIPATION
22.03.2024 – on line

On 27th June 2024, the 2024 Calls of Cluster 3 Civil Security for Society will open. For this reason, the event "Horizon Europe Cluster 3 (2024 Work Programme) Paving the way to participation", is aimed to attract the attention of potential applicants over the '**24 funding opportunities of Cluster 3** (already available [here](#)). Collaborative projects represent a key occasion for companies, researchers, SMEs, end users etc. to make great use of their innovative potential and to collaborate with international partners.

The event is targeting all stakeholders, and it will host 2 Panels dedicated to SMEs and end-users that successfully participated in Cluster 3 proposal, sharing their experience with the audience. They are key participants to maximise the **impact** of the project's results.

The event is designed to present the main priorities linked to the 2024 Work Programme and to give participants the chance to gather information on how to approach a Topic and build a consortium in Cluster 3.

The event will be held online on 22.03.24.

It's only the first occasion to discover the 2024 funding opportunities of Cluster 3. Do not miss the official Cluster 3 Info Day and Brokerage Event online and in Brussels in June 2024.

Keep informed here: https://www.seren-project.eu/

THE SECURITY MISSION & INFORMATION GROUP (SMI2G) BROKERAGE EVENT IN CAMPUS CYBER - PARIS

The Security Mission & Information Group (SMI2G) event is traditionally held every year in high level organisation, high participation and with big success.

SMI2G event will be again organized by the EARTO Security and Defense Research working group, the **SEREN5 network,** EOS, IMG-S, ECSO, CMINE and is supported by the French Ministry of Research and Development - Ministère de l'Enseignement Supérieur et de la Recherche, and is also highly supported from the center - Campus Cyber and ENLETS.

This year the largest networking event **SMI2G** will be held on May 22.-23.5.2024 in the new Paris Center Campus Cyber, La Defence, Paris.

At the event, there will also be interesting panel discussions with experts from the field

of security research, and you will also have the opportunity to present your interests in the chosen area from the Cluster 3 2023-2024 work program within the already known six calls for 2024.

SMI2G Brokerage Event 2024, bringing together innovators and Europe-wide experts who are looking for partners to form and grow their consortium, and gives an opportunity to present innovative ideas and new technologies, responding to the challenges of the Horizon Europe work programme under the Cluster 3 "Civil Security for Society".

Pitches for all destinations are possible, including contribution if it is a description of your needs or interest to be offered as an end user to the consortium, or your project idea in description of the proposed project.

SAVE-THE-DATE

SMI2G 2024

Security Mission Information & Innovation Group (SMI2G) Event 2024

22nd and 23th May

Campus Cyber - La Défense, Paris

As in previous years, the Security Mission Information & Innovation Group (SMI2G) is organising a two-day event in Paris to discuss on the upcoming 2024 Secure Societies calls of Horizon Europe. This brokerage event will provide a unique networking platform to stimulate innovative ideas and facilitate the creation of consortia. All security topics will be represented.

Don't miss out on this excellent opportunity to expand your network and find partners for your proposals!

The SMI2G brokerage event is organized by:

The EARTO Working Group Security and Defence research, SEREN5, EOS, IMG-S, the Ministère de l'Enseignement Supérieur et de la Recherche, ECSO and CMINE

and is supported by:

Campus Cyber and ENLETS

All event information and **Registration** you can find here: https://www.cmine.eu/events/123953
SEREN5 is one of the main organizers. Secure Societies Info Day 2024 in Istanbul

SECURE SOCIETIES INFO DAY 2024 IN ISTANBUL

Secure Societies 2024: Horizon Europe Cluster 3 Brokerage Event will take place on April 30, 2024, at Istanbul, Turkey.

This networking event is tailore for those interested in participating in projects within the Horizon Europe Cluster 3 Civil Security for Society Call Topics of 2024.

Secure Societies 2024 is organized by The Scientific and Technological Research Council of Türkiye (TÜBİTAK), in collaboration with Sabancı University and Istanbul Chamber of Industry.

The networking event is tailored for individuals and organizations interested in participating in projects within the Horizon Europe Cluster 3 Civil Security for Society Call Topics of 2024. Whether you represent police authorities, first responders, research institutions, universities, operators, SMEs, or companies working on civil security, this event is your gateway to collaboration.

Key Topics: The event will address the following key topics under the 2024 call topics of Cluster 3: Civil Security for Society

You may find [information about the pitch presentation](#) session and registration.

SICUR 2024

SICUR 2024: International Security Exhibition

From February 27 to March, the conference and international exhibition of security research results SICUR 2024 - International Exhibition of Safety, Security and Fire will take place in Madrid.

SICUR is Spain's leading international security event. Every two years, it brings together public and private security companies, associations, professionals in Madrid.

Innovation and technological development are the main focus of this professional meeting that addresses comprehensive security from five major areas (SECURITY, CYBERSECURITY, FIRE AND EMERGENCY SECURITY AND WORKPLACE SAFETY), with the aim of improving wellbeing and social development. The main organisation is guaranteed by CERIS and European Commission.

CERIS EVENTS

CERIS - Community for European Research and Innovation for Security

How does the Community for European Research and Innovation for Security (CERIS) work? CERIS is the Expert Group consists of four sub-groups related to the thematic areas of security research: Fight against Crime and Terrorism, including critical infrastructure protection/FCT, Disaster Risk Management/DRS Border Management/BM, Strengthened Security Research and Innovation/SSRI.

And why CERIS events are so important for us as NCPs?

They are composed as the thematic workshops which are open to the security research community. They are **chaired** by European Commission representatives and cover key features of the civil security for society research programme comes from the main objectives of the CERIS:
- analyse identified capability needs and gaps in the corresponding areas
- identify solutions available to address the gaps
- translate capability gaps and potential solutions into research needs
- identify funding opportunities and synergies between different funding instruments
- identify standardisation research-related needs
- integrate the views of citizens

Forthcoming events:

February 2024 - Drug Trafficking
5 March 2024 - Foresight and Key Enabling Technologies
21 March 2024 - CBRN Risk Management (Strasbourg)
21 April 2024 - Resilient and Secure Urban Areas and Smart Cities
21 May 2024 - Impact of Climate Change and Environment on Security
5-7 June 2024 - Disaster Resilience annual event

The important event invitation you can find here: https://ec.europa.eu/newsroom/home/newsletter-archives/view/service/3360

NCPS NEXT MEETINGS SCHEDULED ON NATIONAL LEVEL INITIATIVES

To support the participation in Horizon Europe Programme all SEREN5 partners NCPs try to be more active also in national level and we would like to share with you our best national events for the following period how to be defined with NCPs:

Israel (ISERD) - webinar on CL3 calls, March 14th – presenting the topics, partner search events and free support. For more information

Turkey (TUBITAK) - International brokerage event "Secure Societies 2024", Horizon Europe Cluster 3 Brokerage Event" in Istanbul on 30th April 2024 https://www.b2match.com/e/horizon-europe-2024-secure-societies/components/38215/info

Slovakia (CVTI SR) - On cafe with NCPs about HE – (January – June 2024) - 6 regularly thematic discussions at 3 round tables

Czech Republic (CVTI SR) – National info day on the 2024 challenges of Cluster 3 - security research of Horizon Europe, 10th April 2024

CURRENT CHALLENGES

The European Commission (Directorate-General for Migration and Home Affairs, Directorate-General Communication Networks, content and technology, Directorate-General Research and Innovation) during two workshops brought the Programme Committee and the Commission together with selected experts representing policy makers, security practitioners, researchers, and industry stakeholders.to 2027 with the aim to collect evidence, testimonies, and recommendations from relevant stakeholder groups on the

impact and future orientation of the EU-funded security programme under Horizon Europe Cluster 3.

The Future of Horizon Europe Cluster 3 "Civil Security for Society"
Key issues and recommendations concerning research challenges in key enabling technologies, end users involvement, uptake of innovation solutions, innovation procurement and deployment and funding structure were created.

SUCCESS STORIES - SUCCESSFUL PROJECT

EU funded Cluster 3 Research and Innovation projects with the main related activities you can find here:

TOXI-triage - Integrated and adaptive responses to toxic emergencies for rapid triage: engineering the roadmap from casual to patient to survivor

Project name and abbreviation: Integrated and adaptive responses to toxic emergencies for rapid triage: engineering the roadmap from casual to patient to survivor (TOXI-triage)
Programme: Horizon 2020
Project duration: 1 September 2015 -30 September 2019
Budget: 12 931 869,25 €

TOXI-triage in a nutshell:
Chemical, biological, radiological and nuclear (CBRN) events increasingly target civilians, with first responders likely to be police officers or paramedics. A new platform for medical care and site management during triage of CBRN crises will enhance information access and utilisation to enhance outcomes.
When unprotected civilians are the target of CBRN attacks, coordination is required among inexperienced and often disconnected entities and agencies, including civilians themselves. The EU-funded "TOXI-triage"project brought together 18 partners across 7 countries, many of whom are competitors outside the project, to achieve better outcomes for humanity during the CBRN crises.

"TOXI-triage" developed and integrated numerous technologies to address the operational, technological, ethical and societal dimensions of CBRN response and recovery, and to ensure a path to a sustainable CBRN and multiuse system. Together the project team has developed advanced methods to determine the level of casualty exposure to poisons; created new payloads for drones that contain radiological and poison cloud monitoring instrumentation; designed new systems for mapping the environmental impact of an incident and managing decontamination activity; developed new tools to tackle the spread of fake news during an incident; and created a way to utilize social media during an emergency situation.

Although not envisioned at the project start, "TOXI-triage" incorporated a 'test atmosphere generator' to deliver relevant concentrations of target molecules. The "T4i Dover"(Drone Operable Vapour Examiner and Recorder) – a versatile, robust, and miniaturized chemical detector that can be fitted to an unmanned aerial vehicle (UAV), flown into contaminated air space, and give real-time feedback information on the chemical compounds present in the atmosphere. The T4i Dover is equipped with a state-of-the--art Human Machine Interface, which allows it to share resources among hardware, software, and firmware. It is used for sampling, modulation and separation in the detection of hazardous chemicals.

The "T4i Dover" was awarded for
the best innovative technology in the 2023 Security
Innovation Award event organized by EU DG HOME.

More information about the project: https://www.lboro.ac.uk/news-events/toxi-triage/
More information on CORDIS: https://cordis.europa.eu/project/id/653409
Project field trials: https://www.youtube.com/watch?v=gRApDB5MHZA

SeReMA - DATABASE FOR CONSORTIUM BUILDING

Cluster 3 stakeholders, professionals, SMEs, research and scientific communities or public and private organization with important interest on security research are invited to register in SEREN5 database to increase possibility to establish international and cross sectorial consortia in security research and innovation ideas.
All potential applicants are welcome to participate in this platform.

Take into account that the purpose of the Security Research Map (SeReMa) is to increase the visibility of security related research in Europe and to optimize the networking between research facilities, universities, public authorities, end users, suppliers of security solutions and operators of critical infrastructures and is an important communication tool.

For more information: https://security-research-map.b2match.io

Visit **SEREN5** website and **Funding and Tenders Portal** to get relevant information.

Get involved in European Research and Horizon Europe.

Follow us and discover our news and Cluster 3 and SEREN5 actions!

Funded by the European Union

For more information: seren5@apre.it