

INFOWEEK

Iniciar 2022 com o Horizonte Europa

Segurança Civil Para a Sociedade

Agenda:

11h00 - 11h05 | Abertura da sessão e boas vindas

Ponto de Contacto Nacional do Cluster 3 (ANI)

11h05 - 11h25 | Calls de 2022: aspetos estratégicos e visão geral

Pontos de Contacto Nacional do Cluster 3 (ANI)

Ana Sutcliffe, Margarida Oliveira e Polina Pereira

11h25 - 11h35 | Perguntas e Respostas

11h35– 11h50 | O primeiro ano do Horizonte Europa: as principais mudanças em relação ao Horizonte 2020

À conversa com John Rodrigues (INOV) e Pedro Maló (FCT NOVA) e moderação de Ana Sutcliffe (ANI)

11h50 – 12h00 | Perguntas e Respostas

12h00 | Encerramento da sessão



INFOWEEK

Iniciar 2022 com o Horizonte Europa

Segurança Civil Para a Sociedade

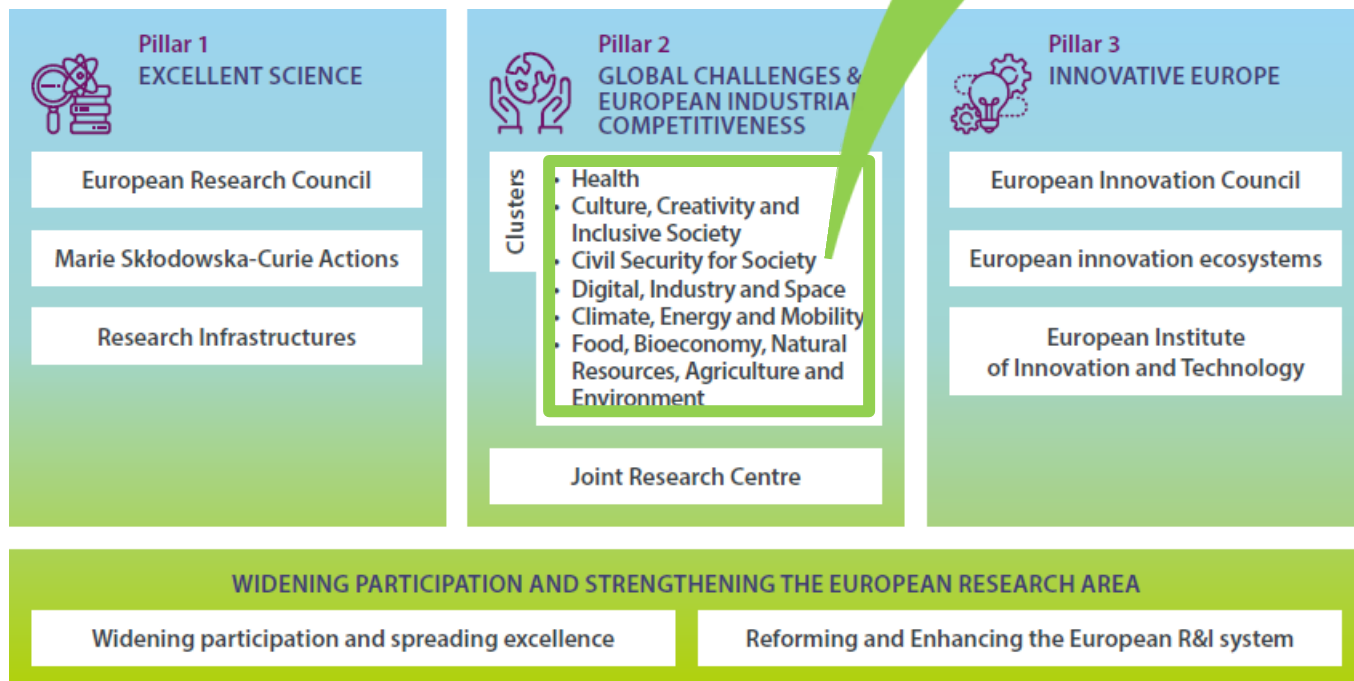
Ana Sutcliffe
Margarida Oliveira
Polina Pereira

Pontos de Contacto Nacional para o Cluster 3

13 de janeiro de 2022



Horizon Europe (2021-2027)



CLUSTER...

e.g. **Cluster 3** – Civil Security for Society

WORK PROGRAMME

e.g. 2021-2022

DESTINATIONS & CALLS (areas of impact)

e.g.

Destination 1

Call: Fighting and Crime and Terrorism 2022

(Expected Impact)

TOPICS (specific calls !)



e.g. **HORIZON-CL3-2022-FCT-01-03**

Enhanced fight against the abuse of online gaming culture by extremists (RIA)

(topic objectives, budget, TRL, etc)

- **Expected outcome**
- **Scope**

Cluster 3 - Civil Security for Society

Anticipation & Prevention over reaction

Supporting EU policies

- **Civil security**, including cybersecurity;
- **disaster risk** reduction and **resilience**;
- **prevention, mitigation, preparedness and capacity building** for crises (including health crises)

Meeting capability requirements

- Active involvement of practitioner **end-users** to assure results of R&I are targeted to their needs
- Projects need to show both an understanding of the capability requirement that has led to the R&I need, and a **strategy for ensuring the uptake of the outcomes & results**

Ensuring ethical outcomes supported by society

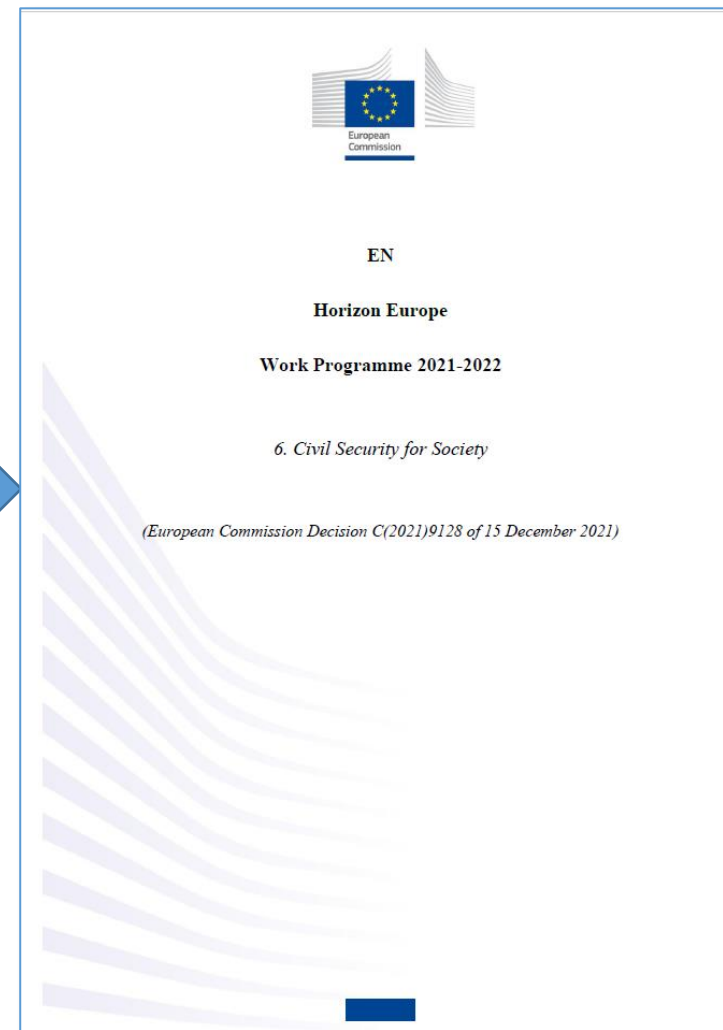
- **Human factors and the societal context** need to be taken into account and ensure the respect of **fundamental rights**, including privacy and protection of personal data.

Work Programme 2021 -2022

- **6 Destinations**

- Derived from impacts defined in the [Strategic Plan 2021-2024](#)
- Need to know alignment with policies

[The Work Programme is online](#)



Fight
against
crime and
terrorism



Support to
Security
Research and
Innovation

Border Management

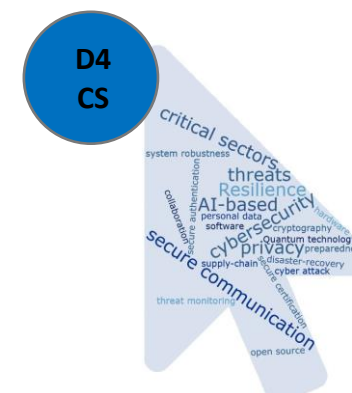
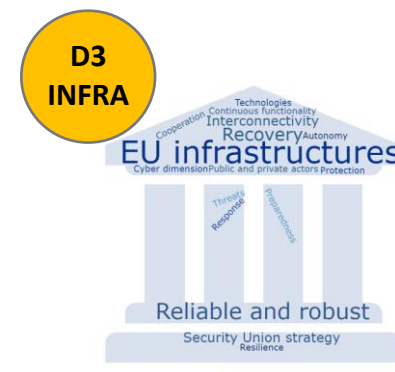


Cluster 3
WP 2021-22



Disaster Resilient Society

Infrastructures



CyberSecurity



Destination 1: FCT- Fight against crime and terrorism

Expected Impacts

- **Modern information analysis for Police Authorities**, allowing them to efficiently fight criminals and terrorists who use novel technologies;
- **Improved forensics and lawful evidence collection**, increasing the capabilities to apprehend criminals and terrorists and bring them to the court;
- **Enhanced prevention, detection and deterrence of societal issues related to various forms of crime**, including cybercrime, and terrorism, such as violent radicalisation, domestic and sexual violence, or juvenile offenders;
- **Increased security of citizens against terrorism**, including in public spaces (while preserving their quality and openness);
- Improved intelligence picture and **enhanced prevention, detection and deterrence of various forms of organised crime**;
- **More secure cyberspace** for citizens, especially children, through a robust prevention, detection, and protection from cybercriminal activities

Destination 1: FCT- Fight against crime and terrorism - 7 topics

Topic Name	Type of Action	M€	# projects
<u>Improved crime scene investigations related to transfer, persistence and background abundance</u>	IA	7	1
<u>Better understanding the influence of organisational cultures and human interactions in the forensic context as well as a common lexicon</u>	RIA	3	1
<u>Enhanced fight against the abuse of online gaming culture by extremists</u>	RIA	3	1
<u>Public spaces are protected while respecting privacy and avoiding mass surveillance</u>	CSA	3	1
<u>Effective fight against corruption</u>	IA	5	1
<u>Effective fight against illicit drugs production and trafficking</u>	IA	5	1
<u>Effective fight against trafficking in human beings</u>	IA	5	1

Destination 2: BM - Border Management

Expected Impacts

- **Improved security of EU land and air borders, as well as sea borders and maritime environment, infrastructures and activities**, against accidents, natural disasters and security challenges such as illegal trafficking, piracy and potential terrorist attacks, cyber and hybrid threats;
- **Improved border crossing experience for travellers and border authorities staff**, while maintaining security and monitoring of movements across air, land and sea EU external borders, supporting the Schengen space, reducing illegal movements of people and goods across those borders and protecting fundamental rights of travellers;
- **Improved customs and supply chain security through better prevention, detection, deterrence and fight of illegal activities** involving flows of goods across EU external border crossing points and through the supply chain, minimising disruption to trade flows.

Destination 2: BM - Border Management – 5 *topics*

Topic Name	Type of Action	M€	# projects
<u>Improved underwater detection and control capabilities to protect maritime areas and sea harbours</u>	RIA	6	1
<u>Enhanced security of, and combating the frauds on, identity management and identity and travel documents</u>	IA	6	1
<u>Better, more portable and quicker analysis and detection for customs</u>	IA	3	2
<u>OPEN TOPIC</u>	RIA	3.5	1
<u>OPEN TOPIC</u>	IA	3.5	1

Destination 3: INFRA - Infrastructures

Expected Impacts

- **Ensured resilience of large-scale interconnected systems infrastructures** in case of complex attacks, pandemics or natural and man-made disasters;
- **Upgraded infrastructure protection systems enable rapid, effective, safe and secure response** and without substantial human intervention to complex threats and challenges, and better assess risks ensuring resilience and strategic autonomy of European infrastructures;
- **Resilient and secure smart cities are protected** using the knowledge derived from the protection of critical infrastructures and systems that are characterised by growing complexity.

Destination 3: INFRA – Infrastructure - 2 topics

Topic Name	Type of Action	M€	# projects
<u>Nature-based Solutions integrated to protect local infrastructure</u>	RIA	5	1
<u>Autonomous systems used for infrastructure protection</u>	IA	6	1

Destination 4: CS - CyberSecurity

Expected Impacts

Increased cybersecurity and a **more secure online environment** by developing and using effectively EU and Member States' **capabilities in digital technologies supporting protection of data** and networks aspiring to technological sovereignty in this field, **while respecting privacy and other fundamental rights**; this should contribute to **secure services, processes and products, as well as to robust digital infrastructures capable to resist and counter cyber-attacks and hybrid threats**:

- 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

Destination 4: CS – CyberSecurity - 4 Topics

Topic Name	Type of Action	M€	# Projects
<u>Improved monitoring of threats, intrusion detection and response in complex and heterogeneous digital systems and infrastructures</u>	IA	21	4
<u>Trustworthy methodologies, tools and data security “by design” for dynamic testing of potentially vulnerable, insecure hardware and software components</u>	RIA	17,3	4
<u>Transition towards Quantum-Resistant Cryptography</u>	IA	11	2
<u>Development and validation of processes and tools used for agile certification of ICT products, ICT services and ICT processes</u>	IA	19	4

Destination 5: DRS - Disaster Resilient Societies

Expected Impacts

Losses from natural, accidental and man-made disasters are reduced through enhanced disaster risk reduction based on preventive actions, better societal preparedness and resilience and improved disaster risk management in a systemic way:

- Enhanced **understanding** and improved **knowledge** and **situational awareness of disaster related risks by citizens**, empowered to act, thus raising the resilience of European society
- More **efficient cross-sectoral, cross-disciplines, cross-border coordination of the disaster risk management cycle** (from prevention, preparedness to mitigation, response, and recovery) from international to local levels
- Enhanced sharing of knowledge and coordination regarding **standardisation in the area of crisis management and CBRN-E**
- **Strengthened capacities of first responders in all operational phases related to any kind of (natural and man-made) disasters** so that they can better prepare, have access to enhanced situational awareness, have means to respond to events in a faster, safer and more efficient way, and may more effectively proceed with victim identification, triage and care.

Destination 5: DRS - Disaster Resilient Societies - 9 Topics

Topic Name	Type of Action	M€	# projects
<u>Enhanced citizen preparedness in the event of a disaster or crisis-related emergency</u>	IA	5	1
<u>Enhanced preparedness and management of High- Impact Low-Probability or unexpected events</u>	IA	5	1
<u>Improved quality assurance / quality control of data used in decision-making related to risk management of natural hazards, accidents and CBRN events</u>	RIA	5	1
<u>Better understanding of citizens' behavioural and psychological reactions in the event of a disaster or crisis situation</u>	RIA	5	1
<u>Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas</u>	IA	5	1
<u>Improved disaster risk pricing assessment</u>	IA	5	1
<u>Improved international cooperation addressing first responder capability gaps</u>	RIA	5	1
<u>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</u>	IA	5	1
<u>Enhanced capacities of first responders more efficient rescue operations, including decontamination of infrastructures in the case of a CBRN-E event</u>	IA	6	1

Destination 6: SSRI - Support to Security Research and Innovation

Expected Impacts

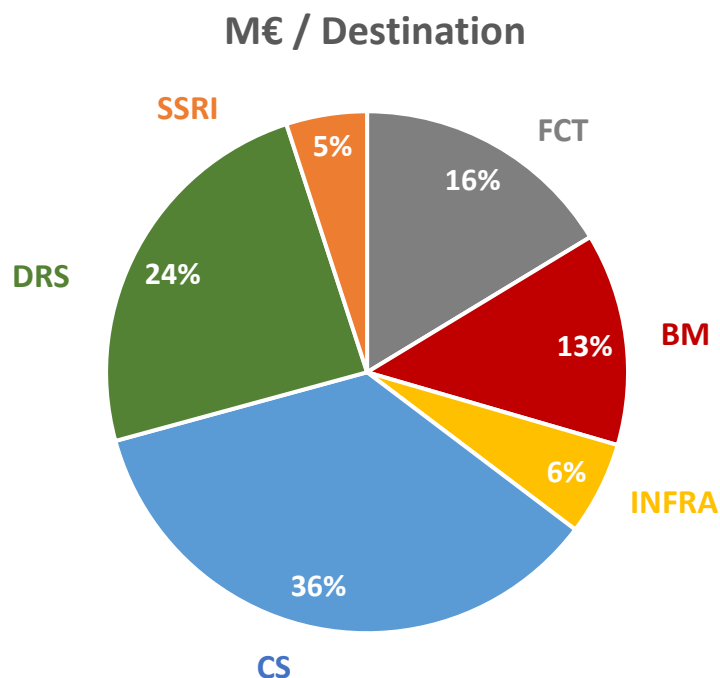
- A more effective and efficient **evidence-based development of EU civil security capabilities** built on a stronger, more systematic and analysis-intensive security research and innovation cycle;
- **Increased industrialisation, commercialisation, adoption and deployment of successful outcomes of security research** reinforces the competitiveness and resilience of EU security technology and industrial base and safeguards the security of supply of Eu products in critical security areas;
- **R&I-enabled knowledge and value in cross-cutting matters** reduces sector specific bias and breaks thematic silos that impede the proliferation of common security solutions.

Destination 6: SSRI - Support to Security Research and Innovation - 4 Topics

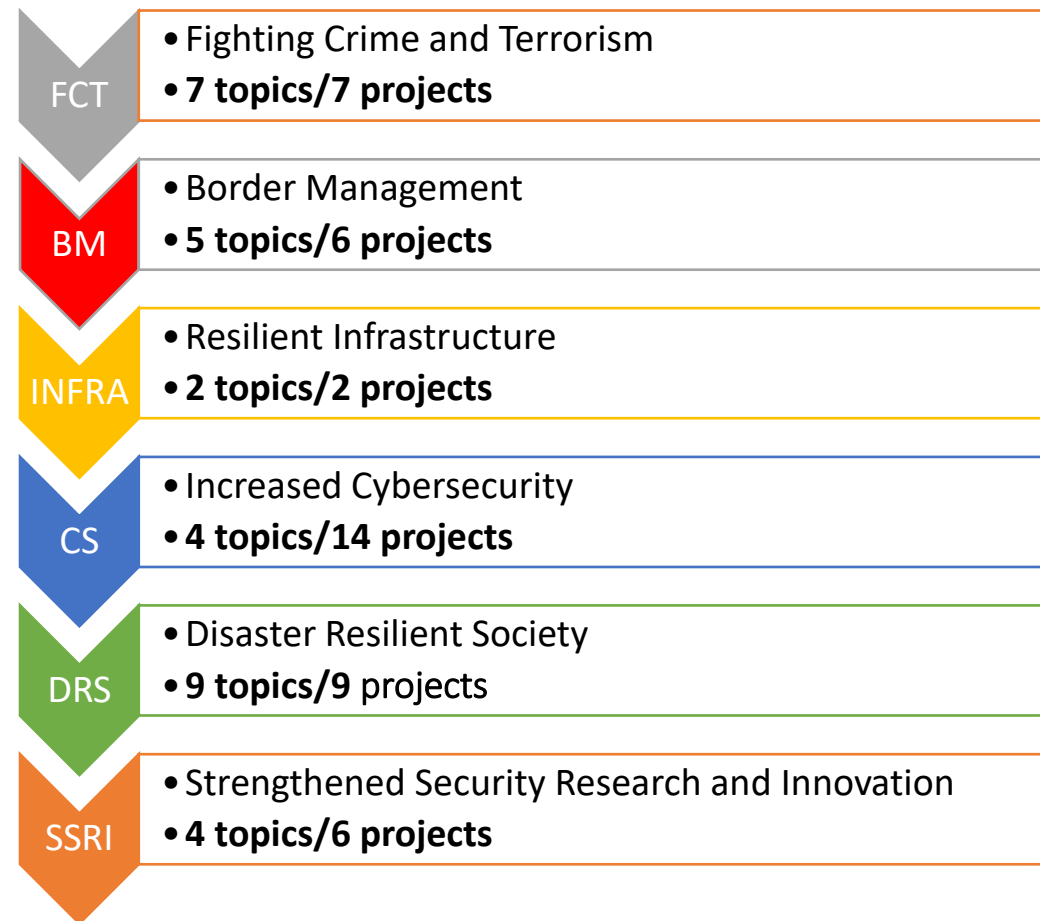
Topic Name	Type of Action	M€	# projects
<u>Increased foresight capacity for security</u>	CSA	1,5	1
<u>Knowledge Networks for security Research & Innovation</u>	CSA	4	2
<u>Stronger grounds for pre-commercial procurement of innovative security technologies</u>	CSA	2	2
<u>Social innovations as enablers of security solutions and increased security perception</u>	RIA	2	1

CALLS FOR 2022

Overall Budget 189,8 M€

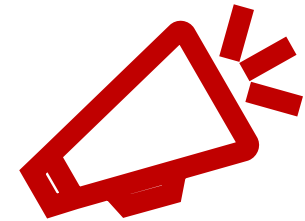


Deadlines for 2022: all on 23 November except CS on 16 November



SPRING AMMENDEMENT TO CLUSTER 3'S WORK PROGRAMME 2021-2022

Some 2022 Topics will be implemented through Lump Sum Funding



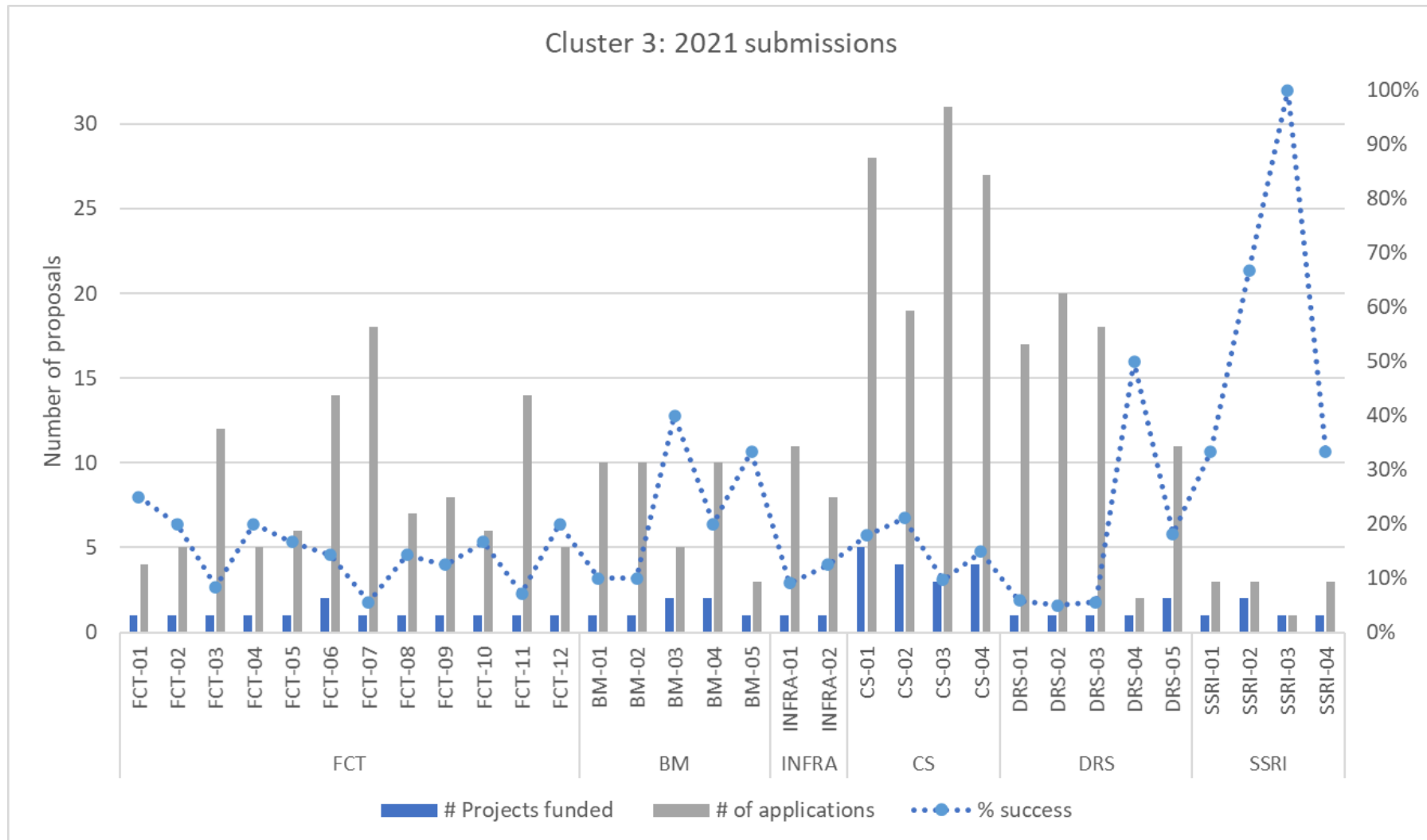
➤ **More information:**

- Info Session on Legal and Financial Matters – 14th of January (15h CET). Registration [here](#).
- [Training on Lump sum project funding for NCPs](#)
- European Commission's presentation:
["LUMP SUM FUNDING: WHAT DO I NEED TO KNOW?"](#)



AND OUT OF CURIOSITY...

The figures of the 2021 calls



Other opportunities

Other Clusters (Horizon Europe)

[HORIZON-CL4-2022-HUMAN-01-05: Next Generation Safer Internet: Technologies to identify digital Child Sexual Abuse Material \(CSAM\)](#)

[HORIZON-CL5-2022-D6-02-07: New concepts and approaches for resilient and green freight transport and logistics networks against disruptive events \(including pandemics\)\)](#)

[HORIZON-CL2-2022-HERITAGE-01-07: Protection of artefacts and cultural goods from anthropogenic threats](#)

Digital Europe Programme

[National InfoDay – January 19](#)

European Defence Fund (EDF)

[European Defence Fund - 2021 - Info Day \(organized by EC\)](#)

[Info Day Portugal – Fundo Europeu de Defesa](#)

Citizens, Equality, Rights and Values Programme (CERV)

[Call for proposals to prevent and combat gender-based violence and violence against children](#)

Internal Security Fund (ISF)

[Call for proposals on the prevention of child sexual abuse, assistance to victims of child sexual abuse and tools to detect child sexual abuse online](#)

Integrated Border Management Fund (IBMF)

Useful Information

Cluster 3 InfoDay 2022 –Stay Tuned

Subscribe to our newsletter [here](#)

Grupo Nacional de Apoio à Discussão do Horizonte Europa (GNAD)

COMMISSION'S EXPERTS DATABASE

CORDIS/HORIZON EUROPE DASHBOARD

A EQUIPA CLUSTER 3



ANA SUTCLIFFE
ana.sutcliffe@ani.pt



MARGARIDA OLIVEIRA
margarida.oliveira@ani.pt



POLINA PEREIRA
polina.pereira@ani.pt