Cluster 3: Civil Security for Society
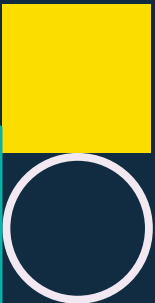
Michael Murphy | March 2021

Cluster 3: Civil Security for Society

Cluster 3 is divided into 6 Destinations:

1. Better protect the EU and its citizens against Crime and Terrorism (FCT)

2. Effective management of EU external borders (BM)

3. Resilient infrastructure (INFRA)

4. Increased Cybersecurity (CS)

5. A Disaster-Resilient Society for Europe (DRS)

6. Strengthened Security Research and Innovation (SSRI)

Cluster 3: Civil Security for Society

Destination 1 - Better protect the EU and its citizens against Crime and Terrorism (FCT)

FCT01 - Modern information analysis for fighting crime and terrorism (Travel intelligence, Lawful interception - including 5G and Quantum and Encryption, Disinformation and fake news [*An opportunity for SSH researchers*], Access to FCT research data)

FCT02 - Improved forensics and lawful evidence collection (Biometrics used by police/forensics)

FCT03 - Enhanced prevention, detection and deterrence of societal issues related to various forms of crime (Domestic and Sexual Violence are combatted [*An opportunity for SSH researchers*])

FCT04 - Increased security of citizens against terrorism, including in public spaces (Preparedness)

FCT05 - Organised crime prevented and combated (Trafficking in cultural goods, Environmental organised crime, Trafficking in firearms)

FCT06 - Citizens are protected against cybercrime (Preventing child sexual exploitation, Preventing online identity theft)

Destination 2 - Effective management of EU external borders (BM)

BM01 – Efficient border surveillance and maritime security (Maritime surveillance including high altitude platforms)

BM02 - Secured and facilitated crossing of external borders (Increased performance of the European Border and Coast Guard and Customs, Travel facilitation across borders)

BM03 – Better customs and supply chain security (Detecting threats and illicit goods in postal/courier flows, Detecting concealed objects on or within persons)

Cluster 3: Civil Security for Society

Destination 3 - Resilient infrastructure (INFRA)

INFRA01 – Improved preparedness and response for large-scale disruptions of European infrastructures
(Systematic threats, Resilience to pandemics)

INFRA02 - Resilient and secure smart cities
(No topic in 2021)

Destination 4 - Increased Cybersecurity (CS)

CS01 - Secure and resilient digital infrastructures and interconnected systems (Dynamic business continuity and recovery methodologies based on models and prediction for multi-level Cybersecurity)

CS02 - Hardware, software, and supply chain security
(Improved security in open-source and open specification hardware for connected devices)

CS03 - Cybersecurity and disruptive technologies
(AI for cybersecurity reinforcement)

CS04 - Smart and quantifiable security assurance and certification shared across Europe (No topic in 2021)

CS05 - Human-centric security, privacy and ethics
(Scalable privacy-preserving technologies for cross-border federated computation in Europe involving personal data)

Cluster 3: Civil Security for Society

Destination 5 - A Disaster-Resilient Society for Europe (DRS)

DRS01 - Societal Resilience: Increased risk Awareness and preparedness of citizens
(Improved understanding of risk exposure and its public awareness in areas exposed to multi-hazards)

DRS02 - Improved Disaster Risk Management and Governance
(Risk reduction for extreme climate events, Enhanced assessment of disaster risks, Coordinating R&I efforts on risk management of climate-related disasters, Research programming in standardisation related to natural hazards and/or CBRN-E sectors)

DRS03 - Strengthened capacities of first and second responders
(Fast deployed mobile laboratories to enhance situational awareness for pandemics and emerging infectious diseases)

Destination 6 - Strengthened Security Research and Innovation (SSRI)

SSRI01 - Stronger pillars of security Research and Innovation
(A maturity assessment framework for security technologies, Knowledge Networks for Security R&I, National Contact Point network)

SSRI02 - Increased Innovation uptake
(Demand-led innovation for situation awareness in civil protection)

SSRI03 - Cross-cutting knowledge and value for common security solutions
(Societal Impact assessment and impact creation transdisciplinary methods for security research technologies driven by active civil society engagement)

Cluster 3: Civil Security for Society

How can you access funding?
- Join the Irish Security Research Network (serenity) to keep abreast of developments
- Study the draft work programme and identify the topics where you have a proposition
- Contact me and we can discuss your options. Might you coordinate or do you want to be a partner in someone else's consortium. How to progress in both scenarios.
- Consider attending and presenting at the SMI2G brokerage event that is scheduled for 31st May & 1st June 2021 with details to follow.
- A word to early-stage researchers – can you be successful? Answer is 'Yes'.

Call to Action
- You have less than 6 months to the indicative 2021 deadline of 8th September. Across Europe, the experienced researchers are already shaping their consortia. You need to act now.

Draft Work Programme:

https://ec.europa.eu/research/participants/data/ref/h2020/
wp/2018-2020/main/h2020-wp1820-security_en.pdf

NCPs for Cluster 3

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