

Secure Societies

SECURE SOCIETIES SPECIAL PROGRAMME OF EU'S HORIZON 2020 DEVELOPS THE RESILIENCE OF EUROPE AGAINST DISASTERS, TERRORISM AND CRIME AND IMPROVES BORDER SECURITY AND CYBERSECURITY, ALSO USING ARTIFICIAL INTELLIGENCE.

Calls in 2020

- Critical Infrastructure Protection
- Artificial Intelligence for Law Enforcement
- Disaster Resilience
- Fight against Crime and Terrorism
- Border Security and External Security
- General Matters: Pan European Networks of practitioners in the field of security
- SME Instrument, Fast Track to Innovation – open themes
- Digital Security – cPPP ECSO

Critical Infrastructure Call		20.7 M€
Artificial intelligence Call		20.0 M€
Security Call		165.5 M€
Digital Security Call		68.8 M€
All open 12 March 2020		All close 27 August 2020

Note! Majority of DRS, FCT and BES topics require practitioner participation.

Special conditions

The participation of third countries and international organizations is possible but not to all topics. Some projects may require security clearances.

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Sources of Information

- <http://ec.europa.eu/rea/> H2020 Secure Societies Information Day probably in March 2020
- <http://ec.europa.eu/dgs/home-affairs/> DG Migration and Home Affairs
- <http://www.seren-project.eu/> SEREN4 project – e.g. brokerage events in 2020
- <https://ecs-org.eu/> ECSO – European cyber research organization
- <https://www.sre2019.eu/exhibition> Security Research Event in Helsinki 6-7 November 2020

Call - Protecting the infrastructure of Europe and the people in the European smart cities

- SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe, IA, 7-8 M€ per project (3 projects), TRL→7

Call - Artificial Intelligence and security: providing a balanced assessment of opportunities and challenges for Law Enforcement in Europe

- SU-AI01-2020: Developing a **research roadmap** regarding Artificial Intelligence in support of Law Enforcement, CSA, 1.5 M€ (one project)
- SU-AI02-2020: Secure and resilient Artificial Intelligence **technologies, tools and solutions** in support of Law Enforcement and citizen protection, cybersecurity operations and prevention and protection against adversarial Artificial Intelligence, IA, 17 M€ (one project)
- SU-AI03-2020: **Human factors, and ethical, societal, legal and organisational aspects** of using Artificial Intelligence in support of Law Enforcement, CSA, 1.5 M€ (one project)

Call - Security

DISASTER-RESILIENCE

SU-DRS01-2018-2019-2020: **Human factors, and social, societal, and organisational aspects** for disaster-resilient societies, RIA, 5 M€ (one project)

SU-DRS02-2018-2019-2020: **Technologies** for first responders 21 M€, RIA, 7 M€ per project, TRL→6-7

- Sub-topic 3: Methods and guidelines for pre-hospital life support and triage, and Sub-topic “Open”

SU-DRS03-2018-2019-2020: **Pre-normative research** and demonstration for disaster-resilient societies, 6 M€ (one project), TRL → 6 to 7 (first aid)

SU-DRS04-2019-2020: **Chemical, biological, radiological and nuclear (CBRN) cluster**, RIA, 3,5 M€ per project (3 projects), TRL → 4 to 6

FIGHT AGAINST CRIME AND TERRORISM

SU-FCT01-2018-2019-2020: **Human factors, and social, societal, and organisational aspects** to solve issues in fighting against crime and terrorism, RIA, 5 M€ per project (2 projects, on human trafficking and on radicalization)

SU-FCT02-2018-2019-2020: **Technologies** to enhance the fight against crime and terrorism, RIA, 28 M€, 7 € per project (4 projects – money flows, terrorist content, open), TRL → 4 to 6

SU-FCT03-2018-2019-2020: **Information and data stream management** to fight against (cyber)crime and terrorism, IA, 8 M€ (one project), TRL → 5 to 7

SU-FCT04-2020: Chemicals: intelligence, detection, forensics, IA, 5 M€ (2 projects), TRL 6-7

BORDER SECURITY AND EXTERNAL SECURITY

SU-BES01-2018-2019-2020: **Human factors, and social, societal, and organisational** aspects of border and external security, RIA, 5 M€ (2 projects – risk assessment)

SU-BES02-2018-2019-2020: **Technologies** to enhance border and external security, 7 M€ (3 projects), TRL→5-6

- Sub-topic 5 Disruptive technologies for non-intrusive identification of hidden goods, Sub-topic “Open”

SU-BES03-2018-2019-2020: **Demonstration of applied solutions** to enhance border and external security, IA, 10 M€ (2 projects – vessel tracking, open)

GENERAL MATTERS

SU-GM01-2018-2019-2020: **Pan-European networks of practitioners and other actors in the field of security**, CSA, 7 M€ (2 projects – intelligence services, cybercrime)

SU-GM02-2018-2020: Strategic **pre-commercial procurements** of innovative, advanced systems to support security, PCP, 24 M€ (based on 2018 CSA project's results)

Call - Digital Security

Cybersecurity, Digital Privacy and data protection

SU-DS02-2020: Intelligent **security and privacy management**, 18 M€ (IA), 20 M€ (RIA) – projects 2-5 M€, TRL 6/7

SU-DS03-2019-2020: Digital Security and privacy **for citizens and Small and Medium Enterprises and Micro Enterprises**, IA, 10,8 M€ budget (3 projects), TRL→7

SU-DS04-2018-2020: Cybersecurity in the **Electrical Power and Energy System** an armour against cyber and privacy attacks and data breaches, IA, 6-8 M€ per project (2-3 projects, budget 20 M€)

SME INSTRUMENT and **FAST TRACK TO INNOVATION** – see European Innovation Council Pilot