

## SECURE SOCIETIES CALLS FOR PROJECT PROPOSALS IN 2020

The calls for project proposals are scheduled to open on 12 March 2020 with a maximum available budget of €275 million.

Applicants can submit proposals across different security research areas ranging from border and external security to artificial intelligence.

Depending on the topic, the projects can be:

- An **innovation action** is producing plans and arrangements or designs for new, altered or improved products, processes or services (including prototyping, testing, demonstrating, piloting, large-scale product validation and market replication).
- A **research and innovation action** is establishing new knowledge or exploring the feasibility of a new or improved technology, product, process, service or solution (including basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment).
- A **coordination and support action** consists primarily of accompanying measures, such as standardisation, dissemination, awareness raising, communication, networking, coordination, support services, policy dialogue, mutual learning and studies.
- A **pre-commercial procurement (PCP) action** encourages public procurement of research, development and validation of new solutions that can bring significant quality and efficiency improvements in areas of public interest, whilst opening market opportunities for industry and researchers active in Europe. It provides EU funding for a group of procurers to undertake together one joint PCP procurement.

These calls are part of the 'Secure societies – Protecting freedom and security of Europe and its citizens' work programme under the Secure societies challenge of Horizon 2020, the largest EU's research and innovation programme.

The calls will close on 27 August 2020 at 17.00 CET.

Please consult the EU's Funding and tenders opportunities portal for full information on the calls:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal>

### ► Would you like to become an evaluator of security research proposals?

The Commission is looking to expand the database through a call for experts covering a broad range of fields. If you fit the profile and would like to be considered for evaluations, please sign up in the Funding and Tender opportunities portal and detail your expertise and professional experience:

<https://europa.eu/!Kd99ft>

#### Contact:

Research Executive Agency

[ec.europa.eu/rea](https://ec.europa.eu/rea)

[REA-SECURITY-RESEARCH@ec.europa.eu](mailto:REA-SECURITY-RESEARCH@ec.europa.eu)

Photo: Author: Sents © Getty




## Horizon 2020 SECURE SOCIETIES Calls for project proposals

Opening: 12 March 2020  
Call closure: 27 August 2020  
Available budget: €275 million



## ■ 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

 Innovation action

€ 20.7 million


## ■ BORDER AND EXTERNAL SECURITY

- SU-BES01: Human factors, and social, societal, and organisational aspects of border and external security
  - Sub-topic 3: Developing indicators of threats at the EU external borders on the basis of sound risk and vulnerability assessment methodologies

 Research and innovation action

€ 5 million

- SU-BES02: Technologies to enhance border and external security
  - Sub-topic 5: Disruptive technologies for non-intrusive identification of hidden goods
  - Sub-topic: Open

 Research and innovation action

€ 21 million in total for both sub-topics


- SU-BES03: Demonstration of applied solutions to enhance border and external security
  - Sub-topic 3: Improved systems for the vessel tracking, behaviour analysis and automatic anomaly detection
  - Sub-topic: Open

 Innovation action

€ 10 million in total for both sub-topics


## ■ DISASTER-RESILIENT SOCIETIES

- SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies


 Research and innovation action

€ 5 million

- SU-DRS02-2018-2019-2020: Technologies for first responders
  - Sub-topic 3: Methods and guidelines for pre-hospital life support and triage
  - Sub-topic: Open


 Research and innovation action

€ 21 million in total for both sub-topics

 Research and innovation action


€ 21 million in total for both sub-topics

- SU-DRS03-2018-2019-2020: Pre-normative research and demonstration for disaster resilient societies
  - Sub-topic 3: First aids vehicles deployment, training, maintenance, logistic and remote centralized coordination means

 Innovation action

€ 6 million


- SU-DRS04-2019-2020: Chemical, biological, radiological and nuclear (CBRN) cluster

 Research and innovation action

€ 10.5 million

## ■ 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
  - Sub-topic 1: New methods to prevent, investigate and mitigate trafficking of human beings and child sexual exploitation – and on the protection of victims
  - Sub-topic 3: Developing evidence-based approaches to evaluate and to further develop initiatives to prevent and counter violent radicalisation


 Research and innovation action

€ 10 million in total for both sub-topics

- SU-FCT02: Technologies to enhance the fight against crime and terrorism
  - Sub-topic 3: Money flows tracking
  - Sub-topic 4: Development and deployment of technologies, tools and relevant infrastructure to identify speedily terrorist content online, and prevent its re-upload
  - Sub-topic: Open

 Research and innovation action

€ 28 million in total for all three sub-topics

 Innovation action

€ 8 million

€ 28 million in total for all three sub-topics

- SU-FCT03: Information and data stream management to fight against (cyber)crime and terrorism

 Innovation action

€ 8 million


- SU-FCT04: Chemicals: intelligence, detection, forensics

 Innovation action

€ 10 million

## ■ 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

 Coordination and support action

€ 1.5 million

- 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

 Innovation action

€ 17 million

- SU-AI03-2020: Human factors, and ethical, societal, legal and organisational aspects of using Artificial Intelligence in support of law enforcement

 Coordination and support action

€ 1.5 million

## ■ GENERAL MATTERS

- SU-GM01: Pan-European networks of practitioners and other actors in the field of security
  - Practitioners (end-users) in the same discipline and from across Europe:
    - Option 1: security and intelligence services
    - Option 2: fighting cybercrime

 Coordination and support action

€ 7 million


- SU-GM02: Strategic pre-commercial procurements of innovative, advanced systems to support security
  - Sub-topic 2: Procurement of prototype systems among those specified as a result of sub-topic 1 (PCP)

 Pre-commercial procurement

€ 24 million

## ■ DIGITAL SECURITY


- SU-DS02: Intelligent security and privacy management
  - Sub-topic (a): Dynamic governance, risk management and compliance
  - Sub-topic (b): Cyber-threat information sharing and analytics

 Innovation action

€ 18 million in total for these two sub-topics


€ 18 million in total for these two sub-topics

- Sub-topic (c): Advanced security and privacy solutions for end users or software developers
- Sub-topic (d): Distributed trust management and digital identity solutions

 Research and innovation action

€ 20 million in total for these two sub-topics


- SU-DS03: Digital security and privacy for citizens and small and medium enterprises and micro-enterprises
  - Sub-topic (a): Protecting citizens' security, privacy and personal data
  - Sub-topic (b): Small and medium-sized enterprises and micro enterprises (SMEs & MEs): defenders of security, privacy and personal data protection

 Innovation action

€ 10.8 million in total for both sub-topics

€ 10.8 million in total for both sub-topics

- SU-DS04: Cybersecurity in the electrical power and energy system (EPES): an armour against cyber and privacy attacks and data breaches

 Innovation action

€ 20 million