TÜBİTAK

Horizon 2020 Info Days

Adana- Ankara-Istanbul
12-14-16 February 2018

H2020 Secure societies - Protecting freedom and security of Europe and its citizens

Selcen Gülsüm ASLAN ÖZŞAHİN

Horizon 2020 - Secure Societies
Sn. National Contact Point

A roadmap for researchers to Horizon 2020

TÜBİTAK

To be prepared

- Researcher/institution profiles
- Networks & Community of Users
- EU Infodays

Project Preparation

- Networking
- Training
- Project Pre-screening
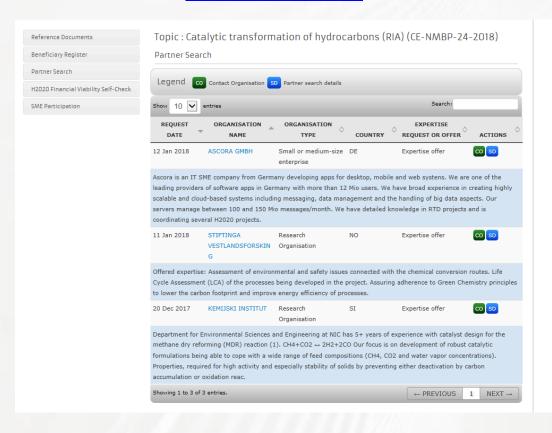- NCO& NCP Support

Project Management

- Training
- NCO& NCP Support

How to find/be a partner?

Research Participant Portal:

<recently launched tool for partnering>

https://ec.europa.eu/research/participants/portal/desktop/en/organisations/active_req_for_partners.html?ccm2Id=31088293

How to find/be a partner?

EURAXESS

Portal-Partnering Tool

https://euraxess.ec.europa.eu/partnering

SERAMA: Security Research Map

http://www.security-research-map.eu/

How to find/be a partner?

Digital Security Research Map

https://ec.europa.eu/eusurvey/runner/cybersecurity-survey

Networking Events & Infodays

H2020 National Website:

www.h2020.org.tr

Horizon 2020 – EC Website:

http://ec.europa.eu/research/participants/portal/desktop/en/home.html

Networking Events & Infodays

H2020 Secure Socities Brokerage Event in March 2018

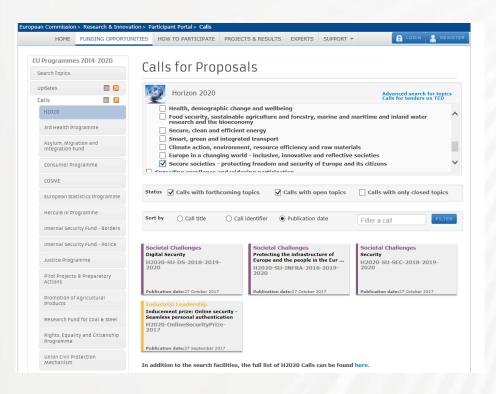https://seren3brussels2018.b2match.io/

Relevant Resources

Research Participant Portal:

https://ec.europa.eu/research/participants/portal/desktop/en/organisations/active_req_for_partners.html?ccm2Id=31088293

H2020 National Website:

www.h2020.org.tr

EN

Horizon 2020

Work Programme 2018-2020

14. Secure societies - Protecting freedom and security of Europe and its citizens

Important notice on the Horizon 2020 Work Programme

This Work Programme covers 2018, 2019 and 2020. The parts that relate to 2019 and 2020 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2018 and/or 2019.

(European Commission Decision C(2017)7124 of 27 October 2017)

H2020 National Website:

www.h2020.org.tr

- NCO
- NCPs
- TTOs
- Work Programme

Protecting Freedom and Security of Europe and its Citizens

SECURE SOCIETIES

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

Main themes in *Secure societies*

Security
- Disaster-Resilient Societies
- Fight against Crime and Terrorism
- Border and External Security
- General Matters

Digital Security
- Cybersecurity, Digital Privacy and Data Protection

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

TÜBİTAK

Disaster-Resilient Societies

The aim of this section is to advance innovation in the society at large, and among first responders (as acknowledged within the International Forum to Advance First Responder Innovation15 in which the Commission has decided to participate) to reduce the loss of human life and to reduce environmental, economic and material damage from natural and man-made disasters, including from climate-related weather events, earthquakes and volcanic events, space weather events, industrial disasters, crime and terrorism threats.

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

- **SU-DRS02-2018-2019-2020:** Technologies for first responders

- **SU-DRS03-2018-2019-2020:** Pre-normative research and demonstration for disaster-resilient societies

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

- **SU-DRS05-2019:** Demonstration of novel concepts for the management of pandemic crises

Security: Fight against Crime and Terrorism

TÜBİTAK

Fight against Crime and Terrorism

The ambition of the activities under "Fight against Crime and Terrorism" is to mitigate potential consequences of crime- and/or terrorism-related incidents or to avoid them. To this end, new technologies and capabilities are required. They should address the fight against and the prevention of crime (including cyber-crime), illegal trafficking and terrorism (including cyber-terrorism and CBRN-E attacks), along with understanding and tackling terrorist ideas and beliefs. Human factors and the societal context should be taken into account, whilst respecting fundamental rights, including privacy, protection of personal data and the free movement of persons.

- **SU-FCT01-2018-2019-2020:** Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism

- **SU-FCT02-2018-2019-2020:** Technologies to enhance the fight against crime and terrorism

- **SU-FCT03-2018-2019-2020:** Information and data stream management to fight against (cyber)crime and terrorism

- **SU-FCT04-2020:** Explosives: detection, intelligence, forensics

Security: Border and External Security

Border and External Security

The aim of this section is to develop technologies and capabilities which are required to enhance systems and their interoperability, equipment, tools, processes, and methods for rapid identification to improve border security, whilst respecting fundamental rights including free movement of persons, protection of personal data, and privacy. New technologies, capabilities and solutions are also required to support the Union's external security policies in civilian tasks, ranging from civil protection to humanitarian relief, border management, law enforcement, or peace-keeping and post-crisis stabilisation, including conflict prevention, peace-building and mediation. This will also require research on conflict resolution and restoration of peace and justice, early identification of factors leading to conflict and on the impact of restorative justice processes.

- **SU-BES01-2018-2019-2020:** Human factors, and social, societal, and organisational aspects of border and external security

- **SU-BES02-2018-2019-2020:** Technologies to enhance border and external security

- **SU-BES03-2018-2019-2020:** Demonstration of applied solutions to enhance border and external security

Security: General Matters

General Matters

Type of Action:

- Coordination and support action (01-02)

- Pre-Commercial Procurement (03)

- **SU-GM01-2018-2019-2020:** Pan-European networks of practitioners and other actors in the field of security

- **SU-GM02-2018-2020:** Strategic pre-commercial procurements of innovative, advanced systems to support security

- **SU-GM03-2018-2019-2020:** Pre-commercial procurements of innovative solutions to enhance security

Main themes in *Secure societies*

Security
- Disaster-Resilient Societies
- Fight against Crime and Terrorism
- Border and External Security
- General Matters

Digital Security
- Cybersecurity, Digital Privacy and Data Protection

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

TÜBİTAK

Digital Security

Cybersecurity, Digital Privacy and data protection

The aim of this Call is to ensure society as a whole benefits from user-friendly systems on cybersecurity, digital privacy and personal data protection, enabling an active participation of citizens and organizations to their own security, privacy and personal data protection.

- **SU-DS01-2018:** Cybersecurity preparedness - cyber range, simulation and economics

- **SU-DS02-2020:** Management of cyber-attacks and other risks

- **SU-DS03-2019-2020:** Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises

- **SU-DS04-2018-2020:** Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches

- **SU-DS05-2018-2019:** Digital security, privacy, data protection and accountability in critical sectors
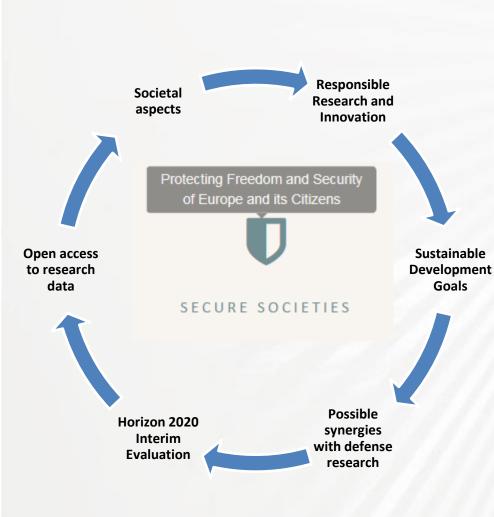
Call: INFRA

INFRA

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

The aim of this Call is to protect and improve the resilience of critical infrastructures and soft targets.

- **SU-INFRA01-2018-2019-2020:** Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe

- **SU-INFRA02-2019:** Security for smart and safe cities, including for public spaces

- Responsible Research and Innovation
- Sustainable Development Goals
- Possible synergies with defense research
- Horizon 2020 Interim Evaluation
- Open access to research data
- Societal aspects

Call Schedule: 15 March -23 Aug 2018

No	Call	Sub-call	Call Identifier	Topic	Type of Action
1	Infra	Protecting the infrastructure of Europe and the people in the European smart cities6	SU-INFRA01-2018-2019-2020	Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe	Innovation action
2	Security	Disaster-Resilient Societies	SU-DRS01-2018-2019-2020	Human factors, and social, societal, and organisational aspects for disaster-resilient societies	Research and Innovation action
3	Security	Disaster-Resilient Societies	SU-DRS02-2018-2019-2020	Technologies for first responders	Research and Innovation action
4	Security	Disaster-Resilient Societies	SU-DRS03-2018-2019-2020	Pre-normative research and demonstration for disaster-resilient societies	Innovation action
5	Security	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	Research and Innovation action
6	Security	Fight against Crime and Terrorism	SU-FCT02-2018-2019-2020	Technologies to enhance the fight against crime and terrorism	Research and Innovation action
7	Security	Fight against Crime and Terrorism	SU-FCT03-2018-2019-2020	Information and data stream management to fight against (cyber)crime and terrorism	Innovation action
8	Security	Border and External Security	SU-BES01-2018-2019-2020	Human factors, and social, societal, and organisational aspects of border and external security26	Research and Innovation action
9	Security	Border and External Security	SU-BES02-2018-2019-2020	Technologies to enhance border and external security	Research and Innovation action
10	Security	Border and External Security	SU-BES03-2018-2019-2020	Demonstration of applied solutions to enhance border and external security	Innovation action
11	Security	General Matters	SU-GM01-2018-2019-2020	Pan-European networks of practitioners and other actors in the field of security	Coordination and support action
12	Security	General Matters	SU-GM02-2018-2020	Strategic pre-commercial procurements of innovative, advanced systems to support security	Coordination and support action
13	Security	General Matters	SU-GM03-2018-2019-2020	Pre-commercial procurements of innovative solutions to enhance security	Pre-Commercial Procurement
14	Digital Security	Cybersecurity, Digital Privacy and data protection	SU-DS01-2018	Cybersecurity preparedness - cyber range, simulation and economics	Innovation action
15	Digital Security	Cybersecurity, Digital Privacy and data protection	SU-DS04-2018-2020	Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches	Innovation action
16	Digital Security	Cybersecurity, Digital Privacy and data protection	SU-DS05-2018-2019	Digital security, privacy, data protection and accountability in critical sectors	Innovation action

The End

Thank you very much for your interest …

Protecting Freedom and Security
of Europe and its Citizens

SECURE SOCIETIES

ncpsecurity@tubitak.gov.tr
Selcen.aslan@tubitak.gov.tr

Selcen Gülsüm ASLAN ÖZŞAHİN
Horizon 2020 - Secure Societies
Sn. National Contact Point
TÜBİTAK, EU Framework Programmes National Coordination Office