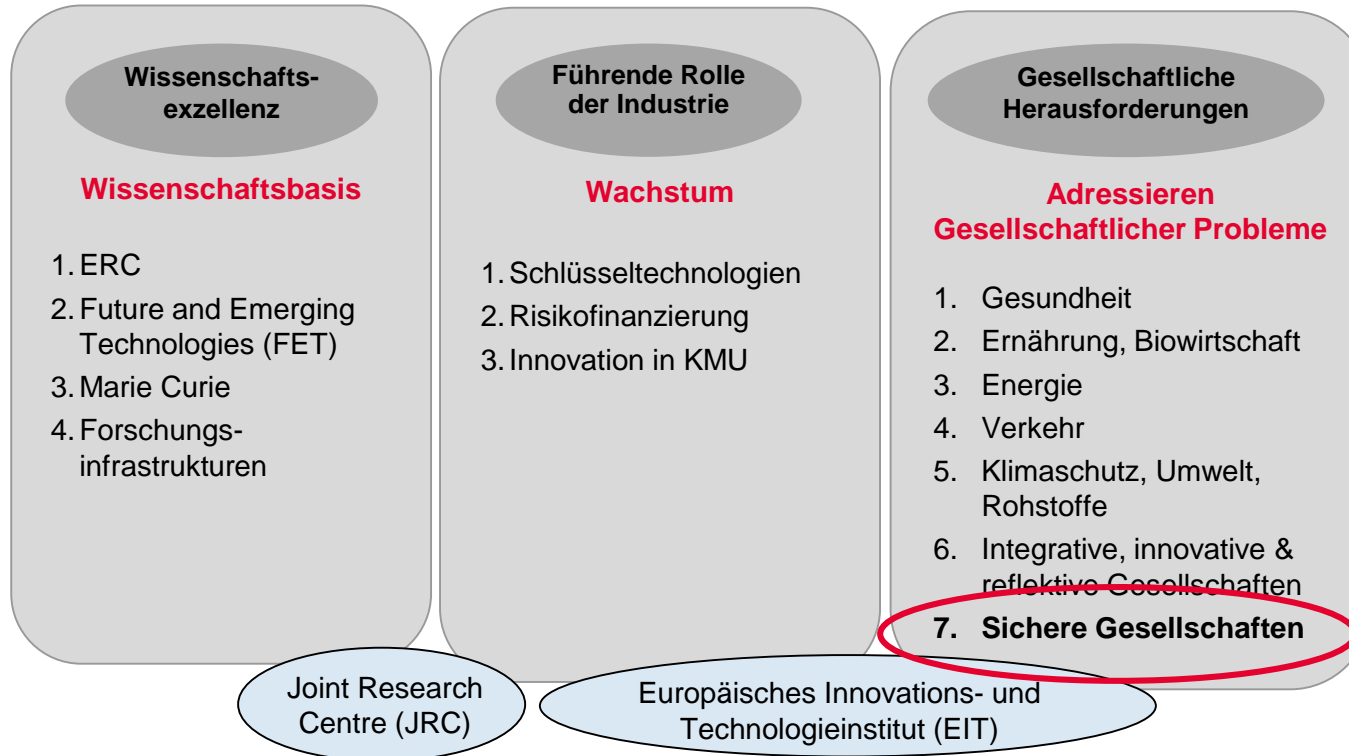


Jeannette Klönk | Nationale Kontaktstelle

HORIZON 2020 SECURE SOCIETIES AUSSCHREIBUNG 2020

Kiras Infotag, 21.10.2019

HORIZON 2020 – DIE STRUKTUR



AUSSCHREIBUNGEN 2020

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

💰 20,7 Mio € 👁️ H2020-SU-INFRA-2018-2019-2020

📅 27. August 2020

- **Call Artificial Intelligence and security**

💰 20 Mio € 👁️ H2020-SU-AI-2020

📅 27. August 2020

- **Call Security**

💰 165,5 Mio € 👁️ H2020-SU-SEC-2018-2019-2020

📅 27. August 2020

- **Call Digital Security**

💰 68,8 Mio € 👁️ H2020-SU-DS-2018-2019-2020

📅 27. August 2020

Sub-Calls:

- disaster-resilient societies (DRS)
- fighting against crime and terrorism (FCT)
- border and external security (BES)
- general matters (GM)

CALL - PROTECTING THE INFRASTRUCTURE OF EUROPE

CALL – PROTECTING THE INFRASTRUCTURE OF EUROPE AND THE PEOPLE IN THE EUROPEAN SMART CITIES

SU-INFRA01-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe – IA, 20,7 Mio €

Infrastructures covered:

- ✓ Water systems
- ✓ Energy infrastructure (Energy value chain)
- ✓ Transport infrastructure (Ports)
- ✓ Communications infrastructure
- ✓ Health services
- ✓ Financial services
- ✓ Energy infrastructure (Gas networks)
- ✓ Transport infrastructure (Airports)
- ✓ Sensitive industrial sites and plants

CALL - ARTIFICIAL INTELLIGENCE AND SECURITY

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)

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)

SU-AI03-2020: Human factors, and ethical, societal, legal and organisational aspects of using Artificial Intelligence in support of Law Enforcement (CSA)

CALL - SECURITY

DISASTER-RESILIENCE: SAFEGUARDING AND SECURING SOCIETY

SU-DRS01-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies – RIA, 5 Mio €

SU-DRS02-2020: Technologies for first responders – RIA, 21 Mio €

- Sub-topic 3: [2020] Methods and guidelines for pre-hospital life support and triage
- Sub-topic: [2018-2019-2020] Open

SU-DRS03-2020: Pre-normative research and demonstration for disaster-resilient societies – IA, 6 Mio €

- Sub-topic 3: [2020] First aids vehicles deployment, training, maintenance, logistic and remote centralized coordination means

SU-DRS04-2020: Chemical, biological, radiological and nuclear (CBRN) cluster – RIA, 10.5 Mio €

CALL - SECURITY

FIGHT AGAINST CRIME AND TERRORISM

SU-FCT01-2020: Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism – RIA, 10 Mio €

- Sub-topic 1: [2020] New methods to prevent, investigate and mitigate trafficking of human beings and child sexual exploitation – and on the protection of victims
- Sub-topic 3: [2020] Developing evidence-based approaches to evaluate and to further develop initiatives to prevent and counter violent radicalisation

SU-FCT02-2020: Technologies to enhance the fight against crime and terrorism – RIA, 28 Mio €

- Sub-topic 3: [2020] Money flows tracking
- Sub-topic 4: [2020] Development and deployment of technologies, tools and relevant infrastructure to identify speedily terrorist content online, and prevent its re-upload
- Sub-topic: [2020] Open

SU-FCT03-2020: Information and data stream management to fight against (cyber-) crime and terrorism – IA, 8 Mio €

SU-FCT04-2020: Chemicals: intelligence, detection, forensics – IA, 10 Mio €

CALL - SECURITY

BORDER AND EXTERNAL SECURITY

SU-BES01-2020: Human factors, and social, societal, and organisational aspects of border and external security – RIA, 5 Mio €

- Sub-topic 3: [2020] Developing indicators of threats at the EU external borders on the basis of sound risk and vulnerability assessment methodologies

SU-BES02-2020: Technologies to enhance border and external security – RIA, 21 Mio €

- Sub-topic 5: [2020] Disruptive technologies for non-intrusive identification of hidden goods
- Sub-topic: [2018-2019-2020] Open

SU-BES03-2020: Demonstration of applied solutions to enhance border and external security – IA, 10 Mio €

- Sub-topic 3: [2020] Improved systems for the vessel tracking, behaviour analysis and automatic anomaly detection
- Sub-topic: [2018-2019-2020] Open

CALL - SECURITY

GENERAL MATTERS

SU-GM01-2020: Pan-European networks of practitioners and other actors in the field of security – CSA, 7 Mio €

- a. [2020] Practitioners (end-users) in the same discipline and from across Europe
 - Option 1: security and intelligence services
 - Option 2: fighting cybercrime

SU-GM02-2020: Strategic pre-commercial procurements of innovative, advanced systems to support security – PCP, 24 Mio €

- Sub-topic 2: [2020] Procurement of prototype systems among those specified as a result of Sub-topic 1

CALL - DIGITAL SECURITY

CYBERSECURITY AND DIGITAL PRIVACY

SU-DS02-2020: Intelligent security and privacy management – RIA: 18 Mio €, IA: 20 Mio €

(a): Dynamic governance, risk management and compliance – IA

(b): Cyber-threat information sharing and analytics – IA

(c): Advanced security and privacy solutions for end users or software developers – RIA

(d): Distributed trust management and digital identity solutions – RIA

SU-DS03-2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises – IA, 10,8 Mio €

(a): Protecting citizens' security, privacy and personal data

(b): Small and Medium-sized Enterprises and Micro Enterprises (SMEs&MEs): defenders of security, privacy and personal data protection

SU-DS04-2020: Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches – IA, 20 Mio €

AUSBLICK AUF HORIZON EUROPE

HORIZON EUROPE: INVESTING IN R&I TO SHAPE OUR FUTURE

- The vision:
" a Europe that protects,
a Europe that empowers,
a Europe that defends"
Jean-Claude Juncker
- Tackling **climate change**
(35 % budgetary target)
- Helping to achieve **Sustainable Development Goals**
- Boosting the Union's
competitiveness and growth



Credits: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

HORIZON EUROPE – 100 BILLION (MRD) €



CLUSTERS AND AREAS OF INTERVENTION

Clusters	Areas of intervention	
Health	<ul style="list-style-type: none"> • Health throughout the life course • Environmental and social health determinants • Non-communicable and rare diseases 	<ul style="list-style-type: none"> • Infectious diseases • Tools, technologies and digital solutions for health and care • Health care systems
Culture, creativity and inclusive society	<ul style="list-style-type: none"> • Democracy and Governance • Culture, cultural heritage and creativity • Social and economic transformations 	
Civil Security for Society	<ul style="list-style-type: none"> • Disaster-resilient societies • Protection and Security • Cybersecurity 	
Digital and Industry	<ul style="list-style-type: none"> • Manufacturing technologies • Key digital technologies, incl. quantum techs • Emerging enabling technologies • Advanced materials • Artificial intelligence and robotics 	<ul style="list-style-type: none"> • Next generation internet • Advanced computing and Big Data • Circular industries • Low carbon and clean industries • Space, including Earth Observation
Climate, Energy and Mobility	<ul style="list-style-type: none"> • Climate science and solutions • Energy supply • Energy systems and grids • Buildings and industrial facilities in energy transition 	<ul style="list-style-type: none"> • Communities and cities • Industrial competitiveness in transport • Clean safe and accessible transport and mobility • Smart mobility • Energy storage
Food and Natural Resources	<ul style="list-style-type: none"> • Environmental observation • Biodiversity and natural resources • Agriculture, forestry and rural areas 	<ul style="list-style-type: none"> • Sea, oceans and inland waters • Food systems • Bio-based innovation systems in the EU bioeconomy • Circular systems

WICHTIGE HINWEISE

VERPFLICHTENDE EINBINDUNG VON PRACTITIONERN

Bedeutung der „Practitioner“:

- "A practitioner is someone who is qualified or registered to practice a particular occupation, profession in the field of security or civil protection."
- Die Antragsteller müssen spezifizieren welche Organisation im Konsortium als „Practitioner“ fungiert.
- Die Einbindung der Practitioner ist im Projektantrag zu dokumentieren: Section 4, Table 4.3 „declaration of practitioners“ (SEC und INFRA Call)

Die Einbindung der „Practitioner“ soll folgendes leisten:

- Berücksichtigung von spezifischen Anforderungen im Bereich der öffentlichen Sicherheit
- Entwicklung von marktfähigen und gesellschaftlich akzeptierten Lösungen
- Unterstützung der Politikentwicklung
- Bessere und gezieltere Kommunikation der Forschungsergebnisse

Informationen zu den Practitionern finden Sie unter „eligibility and admissibility conditions“!

WICHTIGE TERMINE 2019/2020

Helsinki, 6.-7. November 2019

Security Research Event

<https://www.sre2018.eu/>



5.11.2019:
Practitioner WS



Wien, 18.-19. Nov. 2019

FFG Akademie

AntragstellerInnen Training

<https://www.ffg.at/europa/akademie-terme>



Paris, 19.-22. November 2019

Milipol

20.11.2019:
Artificial Intelligence
in law enforcement

<https://en.milipol.com/>



Save the Date:

Brüssel, 29.-30. Januar 2020

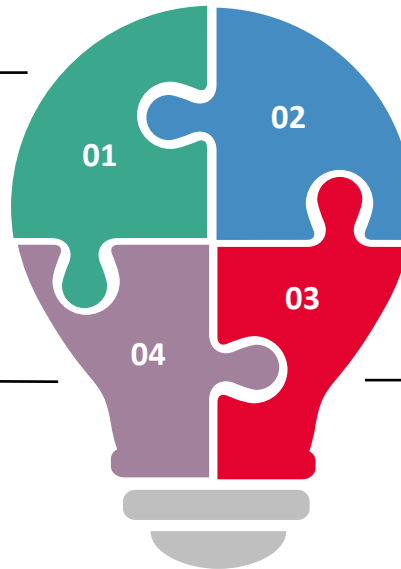
SMI2G Event



UNTERSTÜTZUNG UND SERVICES DER FFG

Information
Informationen zu Programmen,
Ausschreibungen, Neuerungen:
Fokus europäische Programme /
Horizon 2020.

Positionierung
Verankerung in Netzwerken,
Sichtbarmachung der Expertise,
strategische Planung.



Beratung

Analyse von Projektideen,
Unterstützung in der
Antragserstellung,
Proposal-Checks

Trainings

On-Site Trainings und Webinare,
Spezialworkshops für
AntragstellerInnen

DI Jeannette Klöckl
NCP Secure Societies

Österreichische Forschungsförderungsgesellschaft
Sensengasse 1, A-1090 Wien

T +43 (0) 5 77 55 – 4401
jeannette.kloekl@ffg.at
www.ffg.at

VIELEN DANK FÜR IHRE AUFMERKSAMKEIT!