



**PCP topics announced in Work Programme 2016-2017**

**H2020 Secure Societies**

Warsaw, 11 May 2016

<b>Topics (Type of Action)</b>	<b>Budgets (EUR million) in 2017</b>	<b>Deadlines</b>
<b>Opening 1 Mar 2017</b>		
<b>SEC-04-DRS-2017 (PCP)</b>	<b>10,00</b>	<b>24 Aug 2017</b>
<b>SEC-09-FCT-2017 (PCP)</b>	<b>10,00</b>	
<b>SEC-13-BES-2017 (PCP)</b>	<b>10,00</b>	

**Exceptional funding rates:**

The funding rate for Pre-Commercial Procurement (PCP) actions is limited to 90% of the total eligible costs (PCP is procurement of R&D services) to leverage co-financing from the procurers.

## SEC-04-DRS-2017: Broadband communication systems

**Scope:** Procure the radio-communication system for security forces (police, first responders, etc.), which will be compatible with radio-communication systems in all EU countries.

Proposal has to use the outcomes of ongoing CSA project (DRS-18-2015).

**If the CSA project foreseen to go along the way of establishing a new organization intended for taking EU-wide responsibilities a short Phase 0 may be needed:**

**Phase 0:** Legal establishment of the new organization, and transfer of the PCP contract from the consortium of buyers to this new organization.

## SEC-04-DRS-2017: Broadband communication systems

If the above-mentioned CSA does not foresee the need for establishing a new organization, Phase 0 will be skipped, and the PCP would start with:

**Phase 1:** Based on results of CSA project, plan and implement the tender procedures, for procuring:

- Prototype communication equipment's that will constitute the foreseen communication system,
- prototype instruments for validating the components of the foreseen communication system.

## SEC-04-DRS-2017: Broadband communication systems

**Phase 2:** Establishment of a (networked) validation centre equipped with these instruments. Sustainability of the Validation Centre beyond the lifetime of the project should be addressed, both with respect to its legal status and its funding sources.

**Phase 3:** Testing and validation of the prototype components of the foreseen communication system.

**Phase 4:** Demonstration of the foreseen communication system in a multidisciplinary (firefighters, police departments, medical emergency services, etc.), international (involving practitioners from at least 10

Member

States or Associated countries), and realistic scenario.

## SEC-04-DRS-2017: Broadband communication systems

**Expected Impact:** Established EU-interoperable broadband radio communication system for public safety and security, providing better services to first responders and police agencies and allowing shorter reaction times to prevent from casualties or victims, deployed by 2025.

### **Eligibility and admissibility conditions:**

If Phase 0 is necessary, proposals must involve buyer organizations from at least **12 EU Member States or Associated Countries**.

If Phase 0 is not necessary, proposals must involve buyer organizations from at least **8 EU Member States or Associated Countries**.

**TRL:** expected Technology Readiness Level – 8

**Indicative budget:** EU contribution **€ 10 million** would allow for this topic to be addressed appropriately.

## SEC-09-FCT-2017: Toolkits integrating tools and techniques for forensic laboratories

**Scope:** Forensic techniques need to be developed further, and brought up from experiment to a toolkit usable on a daily basis across Europe. This can be achieved if forensic laboratories from a broad variety of EU countries with diverse legal systems agree on common technical standards and join forces along the following steps:

**Phase 0:** To prepare an inventory of forensic technologies already available at TRL 4 or 5, and to identify, within all areas covered by the various ENFSI working groups (<http://www.enfsi.eu/>), a subset of technologies to be brought at TRL 8;

## SEC-09-FCT-2017: Toolkits integrating tools and techniques for forensic laboratories

**Phase 1:** To prepare the tenders packages for calls for tenders to build prototypes of a toolkit integrating the above-mentioned subset of technologies, that can be used across Europe; To develop EU-wide benchmarks and validation methods for forensic technologies;

**Phase 2:** To implement the calls for tenders to generate 2 prototype toolkits from 2 different sources;

**Phase 3:** To benchmark and validate the 2 toolkits against the methods developed during Phase 1;

**Phase 4:** To draft a curriculum for pan European training in forensic technologies, and to plan for its assessment across Europe; to initiate the EU-wide certification of the toolkits based on the results of Phase 3.

## SEC-09-FCT-2017: Toolkits integrating tools and techniques for forensic laboratories

### **Expected Impact:**

Medium term: Advanced forensic toolkits usable across the EU and providing comparable results admissible in court;

Long term: Path towards an EU-wide certification mechanism based on common standards.

### **Eligibility and admissibility conditions:**

Forensic laboratories or institutes from a minimum of 5 EU Member States or international organisations

**TRL:** expected Technology Readiness Level – 8

**Indicative budget:** EU contribution **€ 10 million** would allow for this topic to be addressed appropriately.

## **SEC-13–BES–2017: Next generation of information systems to support EU external policies.**

**Scope:** This topic is to support the development of a cost-effective common Situational Awareness, Information Exchange and Operation Control Platform.

Cost-effectiveness, and shorter time to implement may result from adapting and exploiting existing approaches and experience in the defence sector, and leveraging from results from relevant projects formerly funded by the EU.

Taking into consideration the findings of the [CSA under topic "BES-11-2015: Information management topic 2: Information management, systems and infrastructure for civilian EU External Actions"](#) of the 2014-2015 Secure Societies Work Programme, activities must be structured along the following phases:

## **SEC-13-BES-2017: Next generation of information systems to support EU external policies.**

**Phase 1:** Plan the research and the design of the platform, based on common performance levels, requirements and associated specifications for the development of a cost-effective common situational awareness, information exchange and operation control platform for EU civilian external actions developed in BES-11-2015, to be published prior to the opening of the Call in the section "Topic Conditions & Documents" for this topic on the Participant Portal"

Plans must consider integrating existing technologies, data models and methodologies (including pooling and sharing of capabilities) according to design constraints expressed by the buyers, to ensure cost effectiveness and interoperability.

The results of phase 1 should lead to calls for tenders (for the procurement of R&D services) which focus on technologies clearly identified to be part of a unique architecture.

**SEC-13–BES–2017: Next generation of information systems to support EU external policies.**

**Phase 2:** The research and specification work should lead to at least 2 versions of flexible platforms to support, each, several scenarios for EU actions under different framework conditions.

**Phase 3:** By the end of 2020, the project should have documented, tested, and validated the use of each platform in at least two operational scenarios within actual multinational operations. The participation of relevant and competent authorities in the consortium of buyers is a prerequisite.

Whereas activities will have an exclusive focus on civil applications, coordination with the activities of the European Defence Agency (EDA) may be considered with possible synergies being established with projects funded by the EDA programmes. The complementarity of such synergies should be described comprehensively. On-going cooperation should be taken into account.

## **SEC-13-BES-2017: Next generation of information systems to support EU external policies.**

### **Expected Impact:**

#### **Short term:**

- At least two prototype platforms deployed and tested in several, different real-life environments.

#### **Medium term:**

- Better integration of existing systems and methodologies in situational awareness, information exchange and operation control platform prototypes.
- Solid basis for a full-scale, cost-effective common situational awareness, information exchange and operation control platform for EU civilian external actions.

#### **Long term:**

- Improved management of EU resources' allocated to EU civilian external actions.

**SEC-13–BES–2017: Next generation of information systems  
to support EU external policies.**

**Eligibility and admissibility conditions:**

A minimum of 3 potential users/buyers of such information systems from three different EU Member States.

**TRL:** expected Technology Readiness Level – 8

**Indicative budget:** EU contribution **€ 10 million** would allow for this topic to be addressed appropriately.

## Additional obligations to all PCP topics

**To ensure that the outcome of the PCP action becomes also available to EU Member State national authorities as well as EU agencies not participating in the PCP for further procurement purposes, the proposal must necessarily state:**

### **Number 1**

Agreement from participating procurement authorities to negotiate, in good faith and on a case-by-case basis, with non-participating procurement authorities that wish to procure a capability or a product fully or partly derived from the PCP action, the use of the information required to run such a procurement process, and solely for that purpose.

### **Number 2**

Commitment from participating procurement authorities to consult with any legal entity generating information to be released for the purpose set out in paragraph (1), unless contrary to applicable legislation.

### **Number 3**

Commitment from participating procurement authorities to negotiate the use granted under paragraph (1) on Fair Reasonable and Non-Discriminatory (FRAND) terms.



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