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EC's Horizon2020 project call



Topic: [DRS-18-2015:Communication technologies and interoperability topic 1: interoperable next generation of broadband radio communication system for public safety and security](#)

Closed

Publication date: 11 December 2013

Types of action: CSA Coordination and support action

Implementation Model: single-stage

Start date: 25 March 2014



Topic Description

Scope:

Specific challenge:

The users/potential buyers participating in the action should agree on specifications, and set standards for the next generation of an EU interoperable radio communication system considering at least three markets: one for broadband network system technology/setup/operation, one for end-user devices and one for applications, taking into account previously EU funded R&D project on the same issues.

Scope:

Different organisation schemes, such as a dedicated EU Mobile Virtual Network Operator for law enforcement agencies, a European Economic Interest Group, national interoperable networks, or any other way will have to be studied.

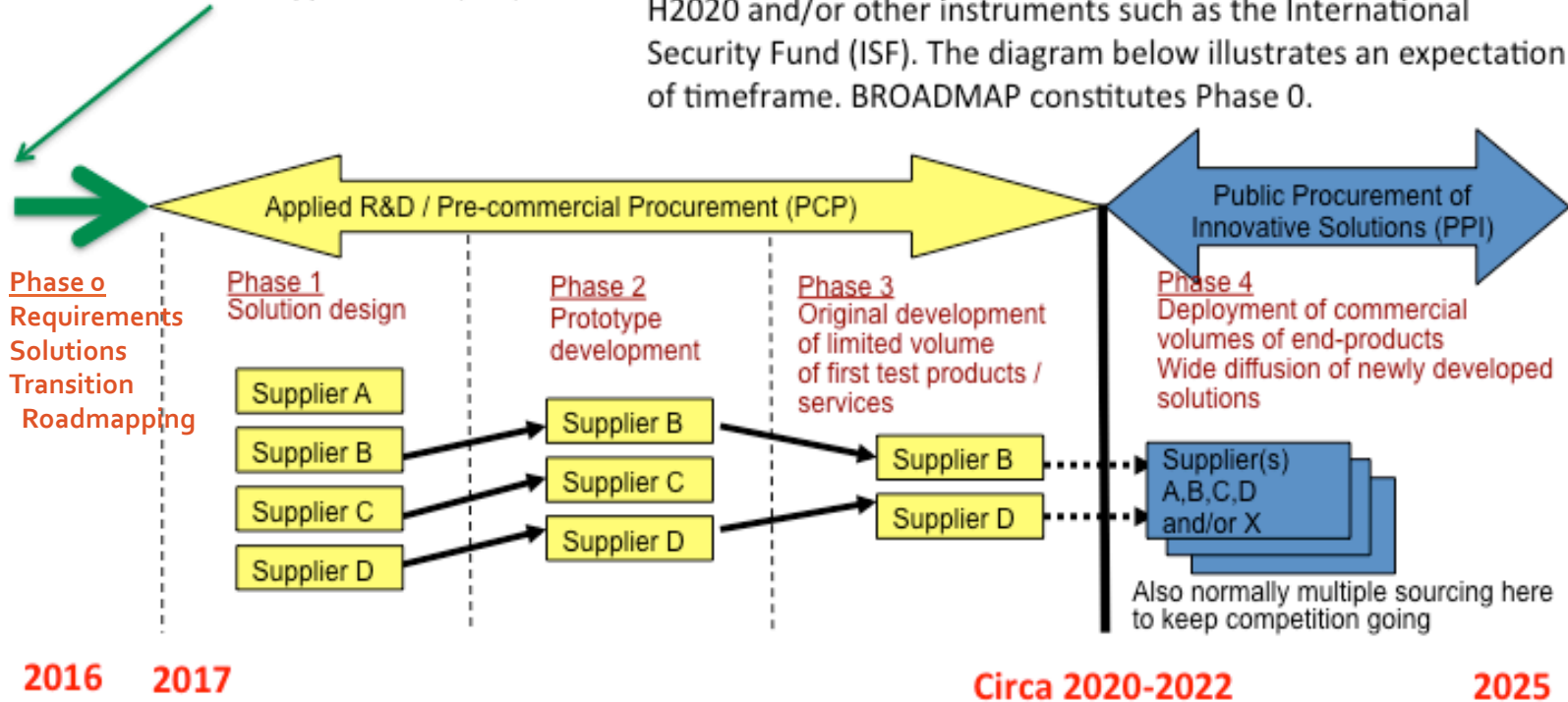
The participants will propose the best suitable architecture/solution in order to establish the desired EU-interoperable system.

The action will develop the core set of specifications, roadmap for research or tender documents to be used as a basis for national procurements, or the legal setting of alternate organisational solutions taking into account the above-mentioned requirements for interoperable next generation PPDR broadband

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Co-ordination and Support Action (CSA)

BROADMAP will inform Horizon 2020's co-funded procurement process which will likely use the PCP and PPI instruments of H2020 and/or other instruments such as the International Security Fund (ISF). The diagram below illustrates an expectation of timeframe. BROADMAP constitutes Phase 0.



2025 – Commercially Deployed Interoperable
Broadband Applications, Services, Networks, Devices
for PPDR

Our Goal

Establishing the PPDR requirements, a core set of specifications and the roadmap for procurement to achieve future evolution of EU broadband applications and interoperable radio communication solutions

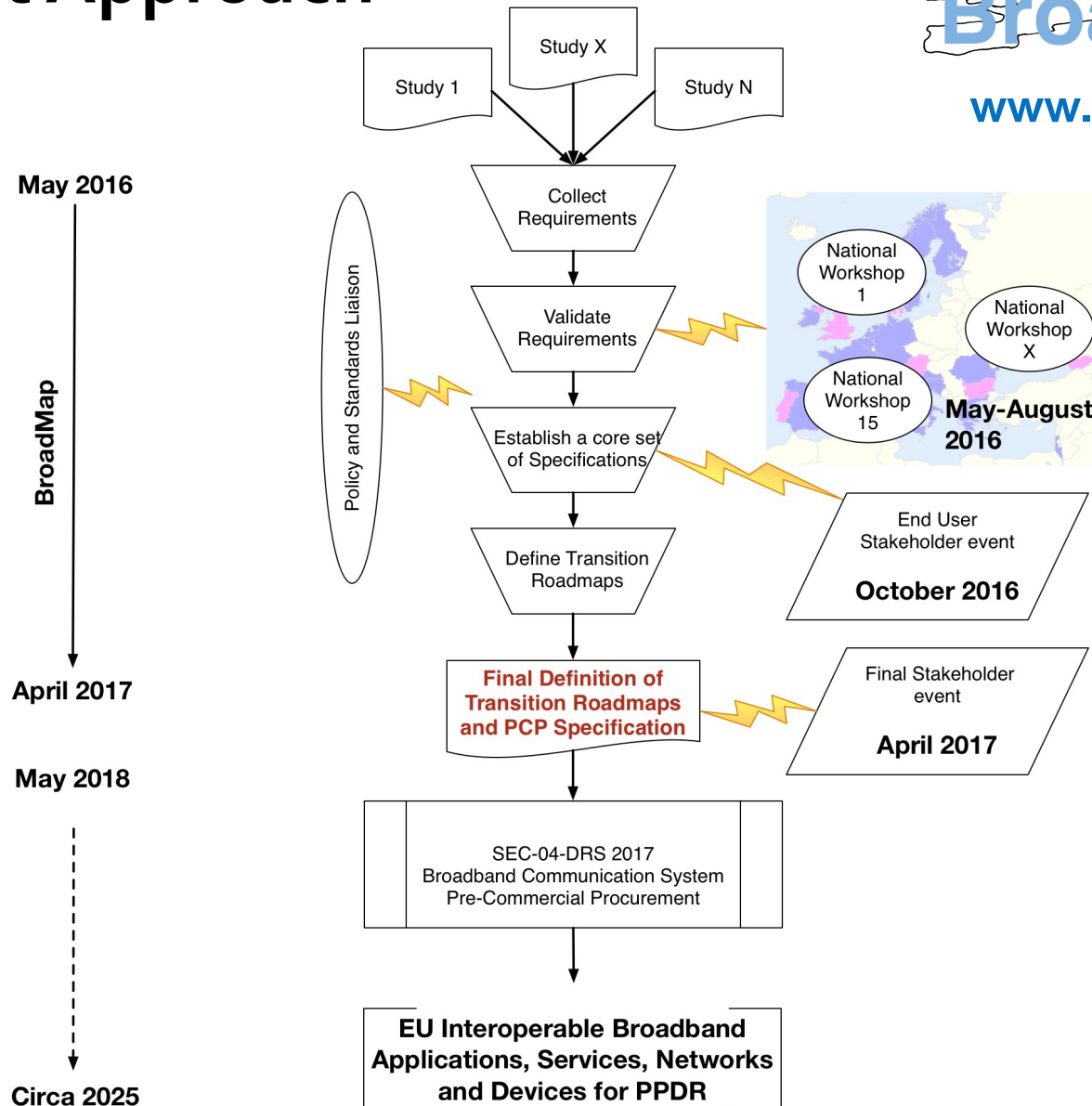
Objectives

- To **collect, assess and validate** the PPDR's wireless broadband communication requirements
- To **establish** a core set of specifications to fulfil the requirements
- To **define** transition roadmaps for research and standardisation for future evolution of European interoperable radio communication solutions, within legal procurement constraints
- To **prepare** the ground for a new eco-system to catalyse new applications, services and processes making use of broadband capabilities for Public Safety and Security

Project Approach



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Consortium

Participant No *	Participant organisation name	Country
1 PSCE	Public Safety Communication Europe Forum (<i>Coordinator</i>)	Belgium
2 FRMOI	<u>Ministère de l'Intérieur</u>	France
3 BEMOI	Service Public <u>Fédéral Intérieur</u>	Belgium
4 BHMOs	Ministry of Security	Bosnia and Herzegovina
5 CRMOI	Ministry of Interior	Croatia
6 FIMOI	Ministry of Interior	Finland
7 DEBRK	<u>Bayerisches Rotes Kreuz</u> - Bavarian Red Cross	Germany
8 SEMSB	Swedish Civil Contingencies Agency	Sweden
9 IEAGS	An Garda <u>Siochana</u> – National Police Service of Ireland	Ireland
10 ESMIR	<u>Ministerio Del Interior</u>	Spain
11 ILMDA	<u>Magen David Adom</u>	Israel
12 GRMOI	Centre for Security Studies – Ministry of Citizen Protection & Public Order	Greece
13 NODNK	Directorate for Emergency Communication	Norway
14 ITMOI	Ministry of Interior	Italy
15 ROSTS	Special Telecommunications Services	Romania
16 NLPOL	The National Police of the Netherlands	The Netherlands
17 DGFLA	De Gaulle <u>Fleurance & Associés</u>	France

Principles

- **All output** is generated from a PPDR **end user perspective**
- The views of the **widest possible reach across Europe** of Critical Communications needs and use.
- To utilise all **existing and relevant materials from previous and on-going activities**
- To utilize the **combined experience** on PPDR communications
- To foster **cross fertilization and avoid duplication** of ideas and plans between Member States and associated countries
- To **influence EU Policy and standardisation** to support the future roadmap of future evolution of EU broadband applications and interoperable radio communication solutions
- To take account of **legacy investment in state of the art** radio communications by PPDR

Workpackages

WP1 Project Management

WP2 Requirements
Consolidation

WP3 Candidate Solutions

WP4 Transition Roadmap

WP5 Outreach and Dissemination

Users Input

- Especially in WP 2 – „**Requirement consolidation**“
Expertise as users is necessary.
- The 15 national partners are organising **national workshops** to get your opinion
- GO AND CONTACT THEM (or your neighbour country) to get involved!

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Fill the form

- And join our **European Workshops** too !!!

Industry? Research?

- EC call restricted Industry participation – avoid conflict with tenders / procurements later
- Project group decided to be End-Users only (+ legal advise)
- Define open research issues / questions
- PSCE took precaution measures to protect industry members' participation in PCP/PPI
- PSCE-Users participate at the different workshops

Time Line

- Aug 2015 – Proposal Submitted
- Jan 2016 – EC Decision
- April 2016 – contract negotiation finished
- 10-12 May 2016 – Kick-off Meeting
- ~ fall 2016 – interim report – impact workprogramme 2017
- April 2015 – project end
- ~2018-2020 – next project 'BroadWay'
 - Pre-commercial Procurement
- ~2021 – 'BroadNet' - PPI

Thank You for Your Attention!



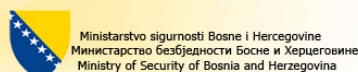
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BROADMAP Consortium:



DE GAULLE
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& ASSOCIÉS

SOCIÉTÉ D'AVOCATS



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