



Emergency, Safety & Security Working Group – 18/06/2026

18/06/2026 | 10.00

Table of Content

01

FIDAL – Field Trial Beyond 5G

02

FIDAL – Open Call

03

EUCCS - European Critical
Communication System



FIDAL – Field Trial Beyond 5G

Field trials beyond 5G: PPDR and Media verticals

- **UC3: City Security Events**

Tested over 5G a mission-critical communication application to support first responders with secure real-time collaboration.

The application was tested in collaboration with Open Call 1 5G-Mobitrust in three large-scale events in Malaga where over 1000 of participants gathered. The solution looked at the exchange of real-time footage and images send from drones, cameras and the application to the control room and back to the field.

- **UC6 - XR for PPDR**

6.1 for health professionals: the use of Extended Reality (XR) to support pre-hospital treatment and first-aid responders on disaster sites. (When wearing Augmented Reality in the field, First Responders can be supported virtually by healthcare professionals in hospitals)

6.2 for LEAs: Augmented Reality to enhance situational awareness of LEA's with AI-powered data analysis. This is done with an officer on scene wearing AR goggles that will capture visual data and support with the identification of potential threats.



FIDAL – Field Trial Beyond 5G

Open Callers:

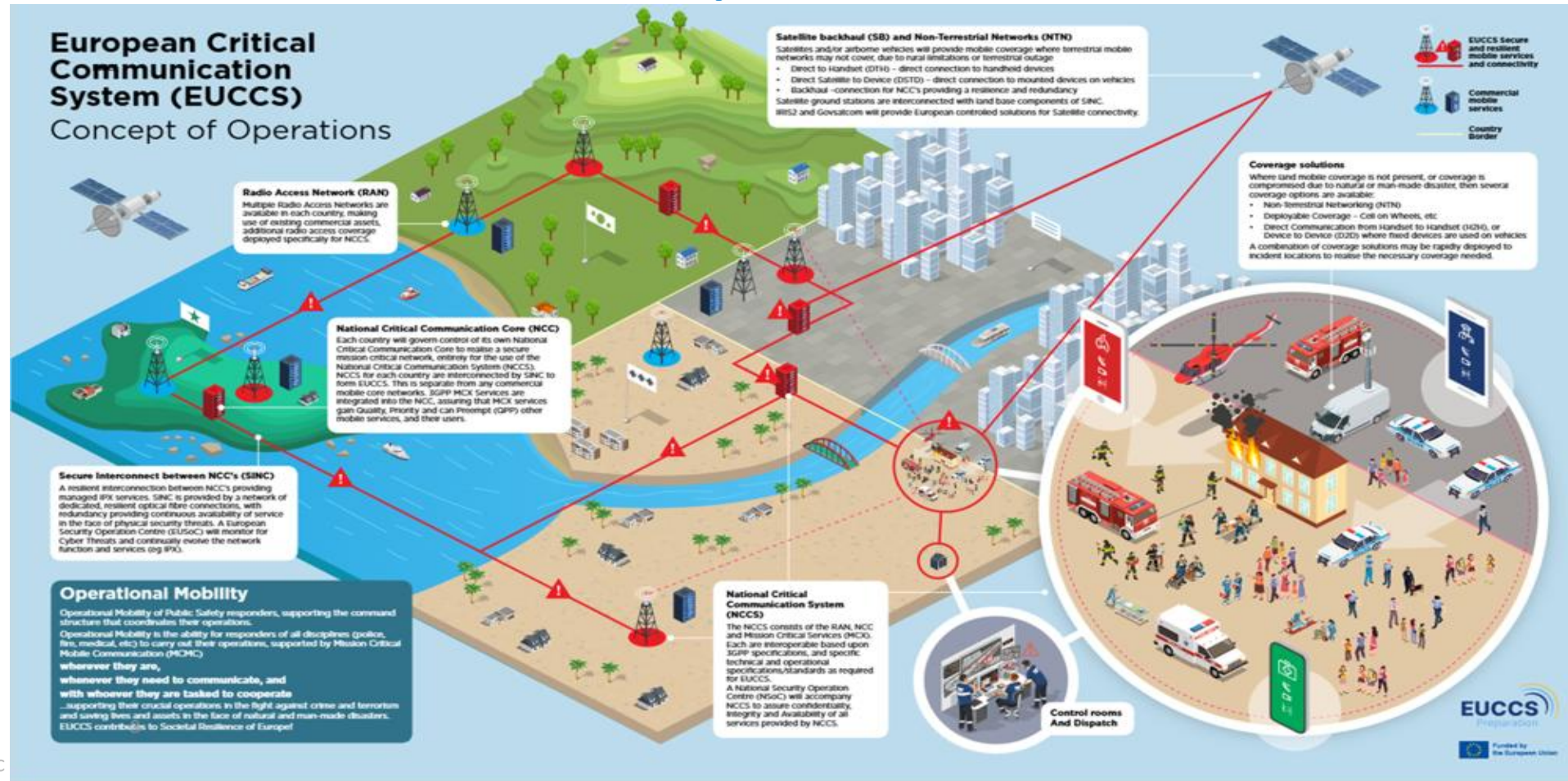
- **28 Open Call winners (19 OC1, 9 OC2)**
- **15 in PPDR Sector (OC1 & OC2)**
- **7 in time critical and services (many in PPDR sector)**

Examples:

- **5G Mobitrust:** platform to enhance situational awareness (tested in large-scale events)
- **SwarmCatcher:** antidrone surveillance

EUCCS: European Critical Communication System

EUCCS: European Critical Communication System





EUCCS: European Critical Communication System

The vision: A system of mobile communication systems with Operational Mobility as the goal - the ability of First Responders to carry out their operations wherever they are, whenever they need and whoever they are tasked to cooperate with

The EUCCS preparation programme: a long journey

- **2015:** Collection of user requirements – more than 200 organizations consulted
- **2018:** Pre-Commercial Procurement – Proof of Technical Feasibility
- **2023:** until now- different phases – Procurement of MCX server interconnections



EUCCS: European Critical Communication System

Currently:

Stage 3

Group of 16 Procurers (Ministries or national agencies)

Group of Operational Procedure Team

Procurement (Testing and Evaluation- 4 suppliers)

- 1. Standalone platforms (2 per vendor),**
- 2. Same vendor platforms interconnected,**
- 3. 2 vendors' platforms interconnected.**

Currently the programme, in Stage 3 is composed of 12 National Test Management Teams and it is challenging the vendor platforms interconnect testing multi-vendor interconnect.



EUCCS: European Critical Communication System

Standardisation:

3GPP

ETSI: Establishment of a new TC (TC CCS) in May 2026 (covering both Narrow and Broadband Communication). The preparation for EUCCS will be the main activities. Working Items already defined.

Satellite:

Link with IRIS2, DG Defis is associated to our work

EUCCS Preparation programme

Next phase: 2nd semester of 2026 – Include also devices – Pre-Market Consultation



The EUCCS legislative proposal: A Regulation

Objective:

- Connect police, fire and emergency services across borders
- To be completed by Implementing rules and Standardization

Timeline: to be tabled 9th of September 2026

Implementation by Member States:

EUCCS becomes operational for 1st group of Member States & enables EU & Schengen-wide communication (audio, video, data, SATCOM)

2nd group: 2033

3rd group: 2036



Thank You



www.psc-europe.eu



Public Safety Communication Europe

secretariat@psc-europe.eu or mc.bonnamour@psc-europe.eu