# Introduction

## David Rios-Morentin
## European Commission, DG Home

# A new policy context

- **Policy priorities of the Commission, 6 headline ambitions:**
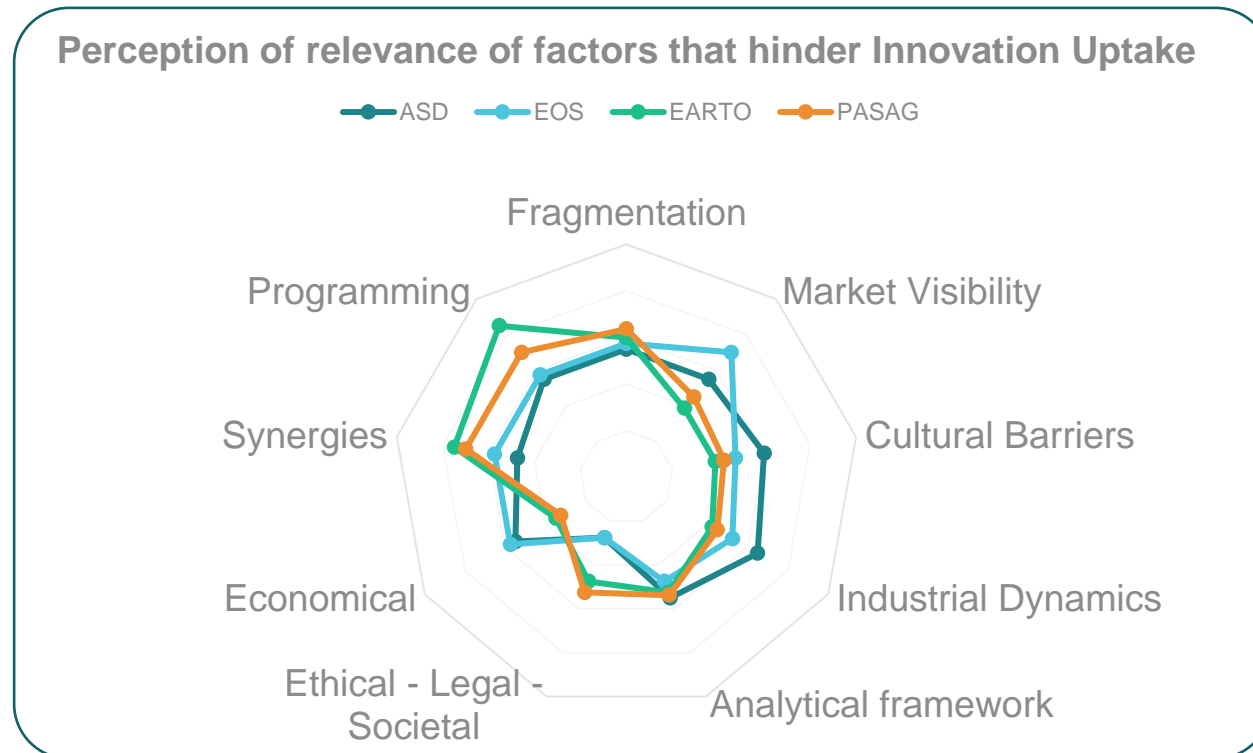  - Including "An economy that works for people", "A Europe fit for the digital age", "Protecting European way of life", "A stronger Europe in the world"
  - Role of innovative technologies / Importance of ensuring protection of citizens
- **Security priorities of the Commission:**
  - Strategic priority – A strong European Security Ecosystem
  - EU research, innovation and technological development for security as key enabler



DISASTER RISK REDUCTION

BORDER SECURITY

INFRASTR. PROTECTION

FIGHTING CRIME AND TERRORISM
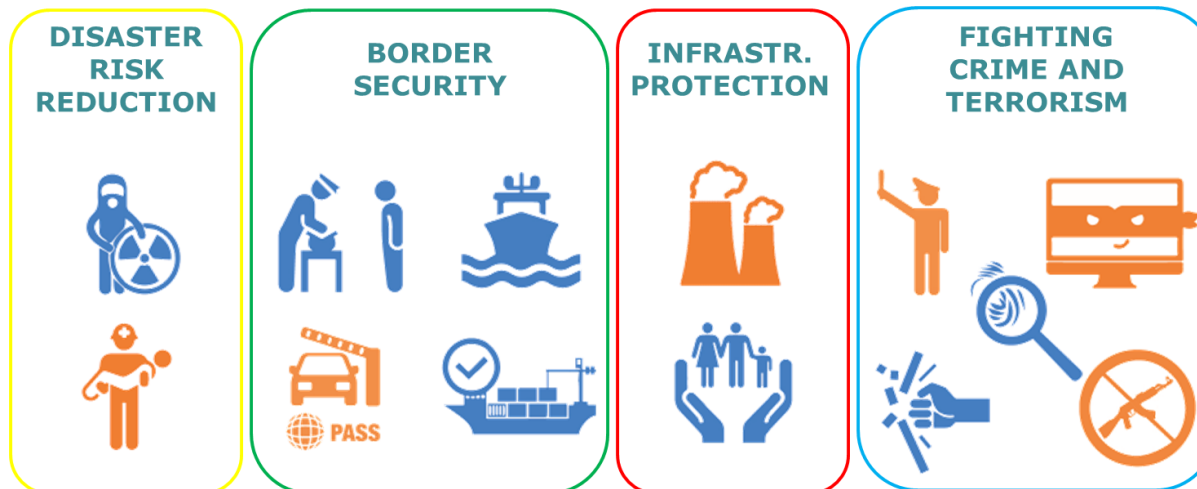
# A more impactful Security R&I investment

- **EU investment for the development of capabilities in support to Policy priorities**

  - Innovation can be decisive: modernisation / effectiveness / efficiency

  - Uptake of innovation remains a challenge

**Perception of relevance of factors that hinder Innovation Uptake**

ASD    EOS    EARTO    PASAG

Fragmentation

Market Visibility

Cultural Barriers

Industrial Dynamics

Analytical framework

Ethical - Legal - Societal

Economical

Synergies

Programming

* Based on internal analysis of latest position papers of EOS, ASD, EARTO and PASAG

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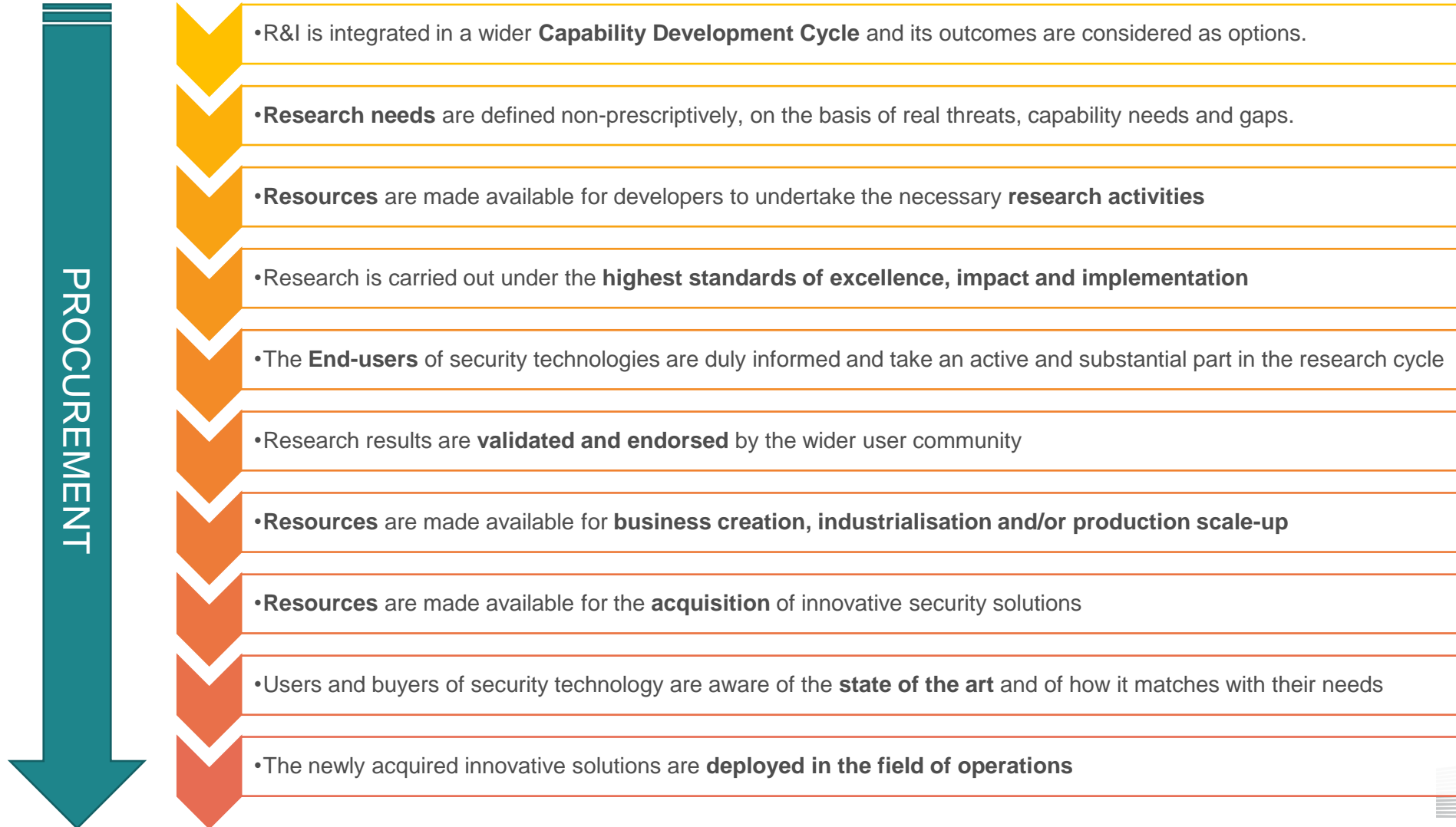
# Road to Innovation Uptake

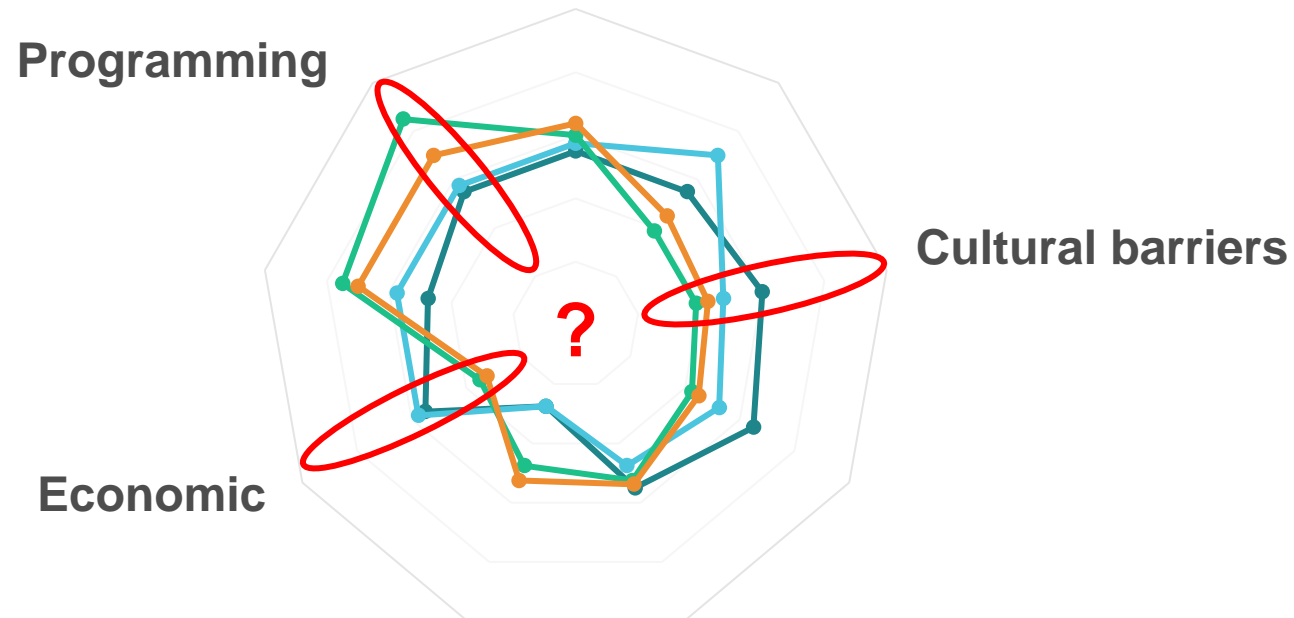- Users and buyers of security technology are aware of the **state of the art** and of how it matches with their needs

- The newly acquired innovative solutions are **deployed in the field of operations**

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# Road to Innovation Uptake

**PROCUREMENT**

- R&I is integrated in a wider **Capability Development Cycle** and its outcomes are considered as options.

- **Research needs** are defined non-prescriptively, on the basis of real threats, capability needs and gaps.

- **Resources** are made available for developers to undertake the necessary **research activities**

- Research is carried out under the **highest standards of excellence, impact and implementation**

- The **End-users** of security technologies are duly informed and take an active and substantial part in the research cycle

- Research results are **validated and endorsed** by the wider user community

- **Resources** are made available for **business creation, industrialisation and/or production scale-up**

- **Resources** are made available for the **acquisition** of innovative security solutions

- Users and buyers of security technology are aware of the **state of the art** and of how it matches with their needs

- The newly acquired innovative solutions are **deployed in the field of operations**

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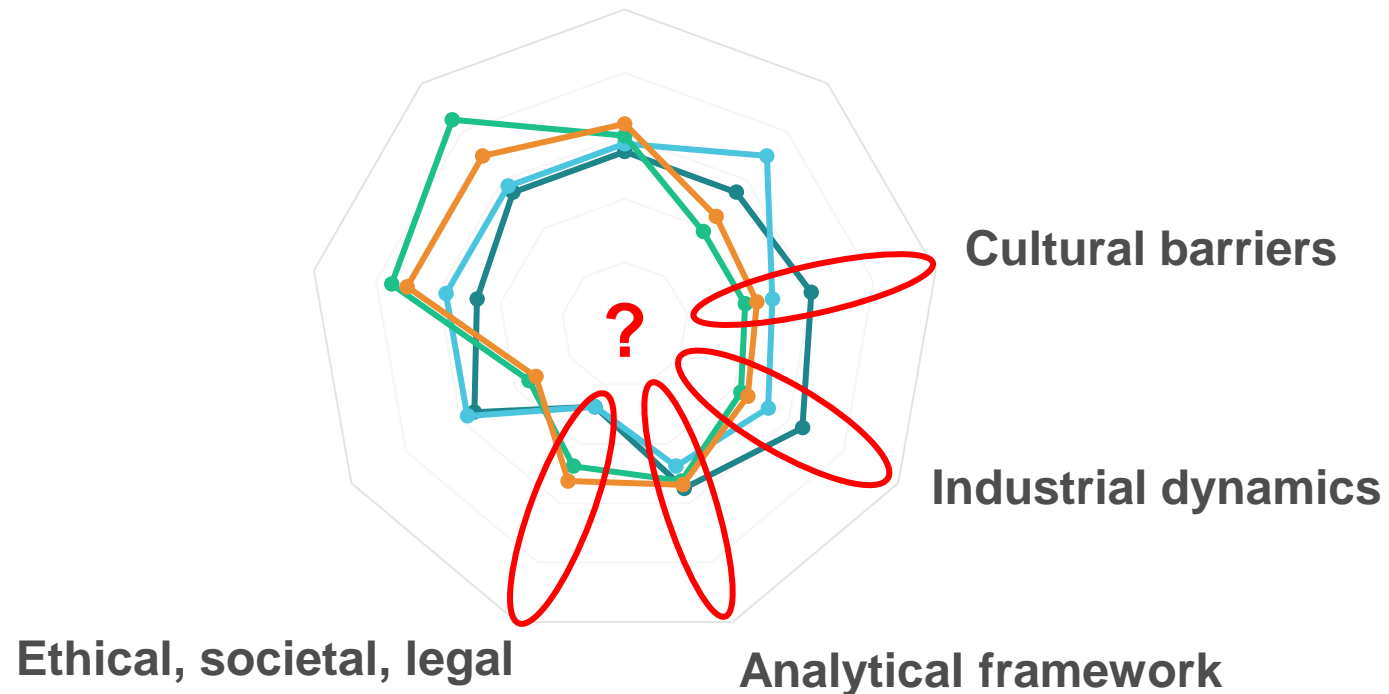
# Road to Innovation Uptake

| 1 | • R&I is integrated in a wider Capability Development Plan and its outcomes are considered as options. |
|---|---|
| 2 | • Research needs are defined non-prescriptively, on the basis of real threats, capability needs and gaps. |
| 3 | • Resources are made available for developers to undertake the necessary research activities |

# Road to Innovation Uptake

| | |
|---|---|
| **4** | • Research is carried out under the highest standards of excellence, impact and implementation |
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**Cultural barriers**

**Industrial dynamics**

**Ethical, societal, legal**

**Analytical framework**

# Road to Innovation Uptake



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Synergies

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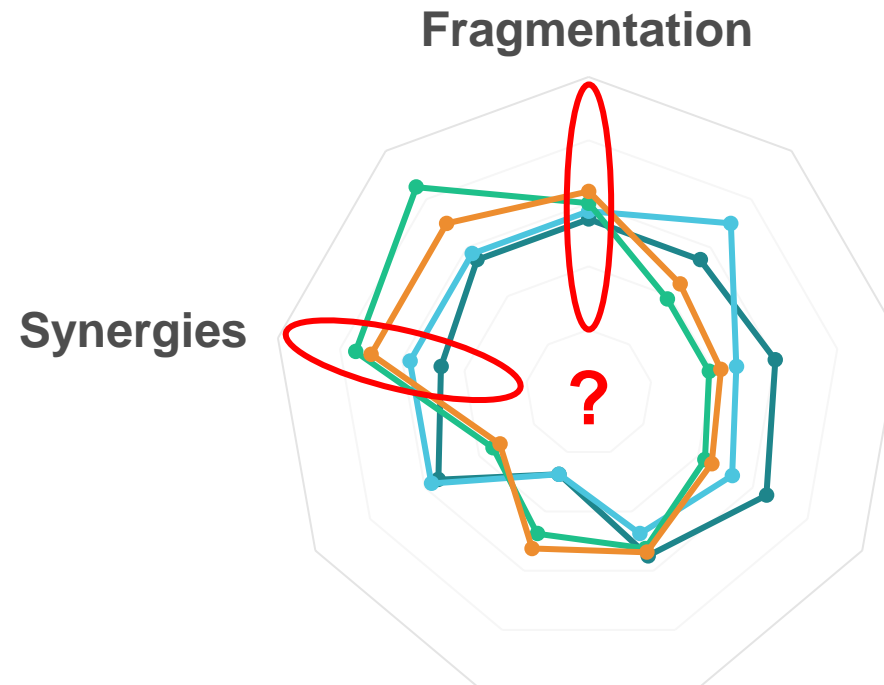
# Road to Innovation Uptake

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**Market visibility**

**Cultural barriers**

?

**Industrial dynamics**
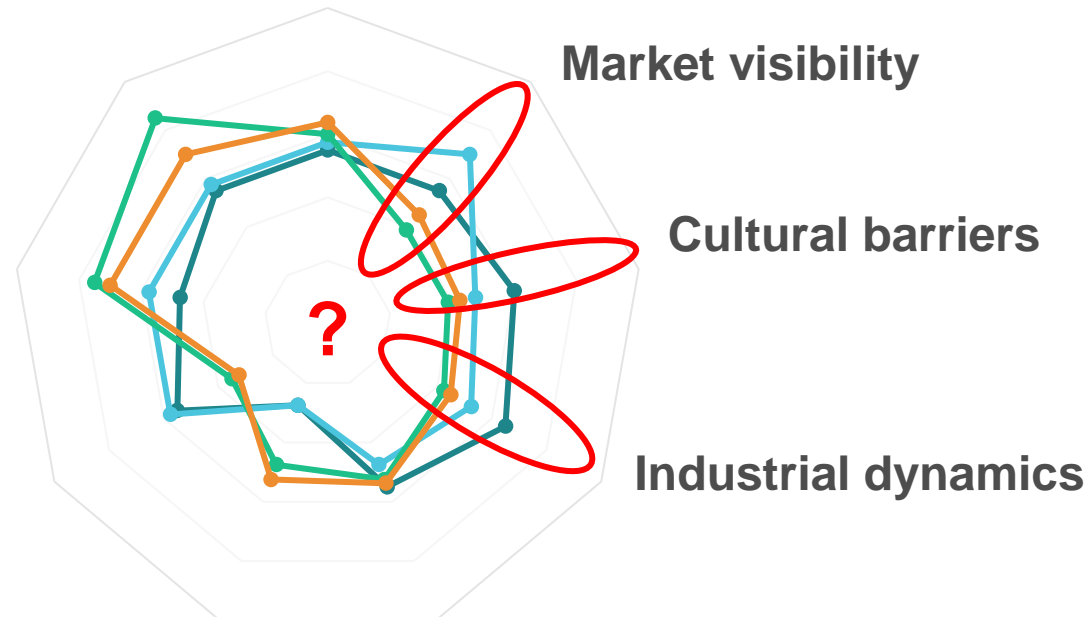
# Networks of Practitioners

- Objective: To generate knowledge required to foster the  uptake of Innovation

- 15 Networks of Practitioners:

  - Addressing security challenges: e.g. law enforcement, forest fires, customs, Hybrid threats

  - Addressing EU regions: e.g. Mediterranean and Black sea, Arctic region, Danube region

  - Cross cutting: standardisation, training and testing, **public procurement**

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# Ongoing Networks of Practitioners

| Acronym | Name | CORDIS | Project website |
|---|---|---|---|
| eNotice | European Network of CBRNE Training Centres | Link | https://www.h2020-enotice.eu/ |
| Fire-IN | Fire and rescue Innovation Network | Link | https://fire-in.eu/ |
| DARENET | DAnube river region Resillience Exchange networ | Link | www.darenetproject.eu/ |
| ILEANET | Innovation by Law Enforcement Agencies networking | Link | https://www.ileanet.eu/ |
| I-LEAD | Innovation - Law Enforcement Agencies Dialogue | Link | https://i-lead.eu/ |
| ARCSAR | Arctic and North Atlantic Security and Emergency Preparedness Network | Link | https://arcsar.eu/ |
| EXERTER | Security of Explosives pan-European Specialists Network | Link | www.exerter-h2020.eu |
| MEDEA | Mediterranean practitioners' network capacity building for effective response to emerging security challenges | Link | https://www.medea-project.eu/ |
| NO-FEAR | Network Of practitioners For Emergency medicAl systems and cRitical care | Link | http://no-fearproject.eu/ |
| PEN-CP | Pan-European Network of Customs Practitioners | Link | https://www.pen-cp.net/ |
| INCLUDING | Innovative Cluster for Radiological and Nuclear Emergencies | Link | https://including-cluster.eu/ |
| EU-HYBNET | Empowering a Pan-European Network to Counter Hybrid Threats | Link | https://euhybnet.eu/ |
| iProcureNet | European Procurer Networking for security research services | Link | https://www.iprocurenet.eu/ |

# iProcureNet

**Procurement agencies** or departments, active at budgeting and implementing the acquisition of security solutions at European, national, regional or local level get together to: 1) **share** investment plans, 2) **compare** procurement techniques and rules, and 3) **plan** for common procurements of **research services as well as of innovative, off-the-shelf products.**

- Knowledge at the service of public buyers and policy-makers to foster the uptake of innovation by contributing to the:

  - **Political buy-in** and the willingness to change public procurement cultures;

  - **Understanding** of where existing procurement spend goes vs. what are the future needs;

  - Proliferation of **innovation-friendly** public procurement strategies or approaches in the field of civil security;

  - **Actionable evidence** on the feasibility and relevance of those strategies, notably when these are implemented jointly by several EU authorities;

  - **Alignment of EU-funded R&I** programming and results with real and tangible procurement opportunities in the field of security

# Thank you

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