



European  
Commission

JRC PORTFOLIO 30

## SCIENCE FOR SECURITY

Security has emerged as a complex socio-political challenge in recent decades due to emerging hybrid threats, including those related to digital technologies and unconventional chemical, biological, radioactive, nuclear and explosive (CBRNE) agents. Terrorist attacks, organised crime activities – including cyber-enabled crimes – radicalisation and the systematic spread of disinformation are challenging the very foundations of democratic institutions and the European way of life. There is therefore a critical need to anticipate and manage risks of conventional, unconventional and hybrid threats, through timely and integrated policy responses.

### The portfolio aims to:

Provide an integrated framework for scientific support to the Security Union Strategy across various policy areas, to address complex security challenges

Enhance the European Union's (EU) capacity to develop integrated action plans for the prevention of and response to security crises

Better anticipate future security challenges and support a forward-looking approach for the Security Union Strategy beyond 2025

Joint  
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Centre

## Delivering on anticipation, integration and impact of EU policies:

- ▶ promoting the principle of security by design and providing integrated scientific support to various EU policy areas,
- ▶ strengthening security research and innovation in the fight against hybrid threats, organised crime, cybercrime, CBRNE agents, through the integration of technical knowledge in the security field with operational know-how,
- ▶ promoting cooperation and information-sharing between various security communities at national, European and international levels,
- ▶ anticipating future threats and mega-trends affecting the security landscape.

## Time frame:

The portfolio aims to support specific objectives under the Security Union Strategy. In the **short term**, the portfolio will contribute to the preparation of the next Security Union Strategy 2025, but its anticipatory ambitions as regard security challenges go **beyond this time frame**.

## Main partners:

### Partner DGs

CNECT, COMM, COMP, DEFIS, ECHO, EEAS, ENER, FPI, GROW, HERA, HOME, HR, JUST, MARE, MOVE, SANTE, TAXUD, TRADE

### Selected stakeholders

CEPOL, EMCDDA, EMSA, EUAA, EU-LISA, EUMSS, Eurojust, Europol, FRONTEX

Hybrid threats

CBRNE

Digital technologies

Terrorism and radicalisation

Public space protection

Organised crime

Cyber-enabled crimes

Disinformation

Border management

Critical entities resilience

Law enforcement

Nuclear security

Security by design

Risk management

Security research

## Find out more



SCIENCE FOR SECURITY

<https://joint-research-centre.ec.europa.eu/jrc-research-portfolios/science-security>

## Science for policy

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[joint-research-centre.ec.europa.eu](https://joint-research-centre.ec.europa.eu)

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