



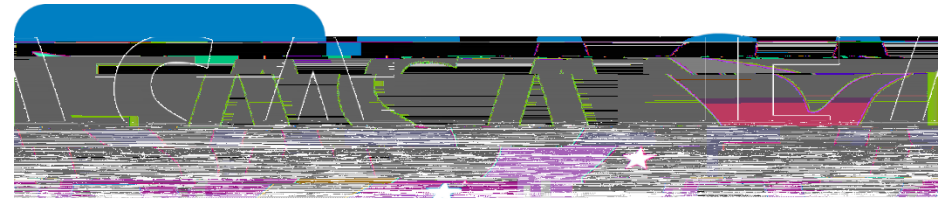
# European (C-UAS) policy context

- The 2020 [EU Security Union Strategy](#) and [Counter-Terrorism Agenda](#) state that the threat of non-cooperative UAS is a serious concern in Europe.
- [Action Plan](#) on **synergies** between civil, defence and space industries (2021)
  - includes a **drone technologies flagship** project.
  - involves, e.g. the [EU Drone Strategy](#) (2022) aimed at enabling and accelerating the further development of UAS tech in Europe, including C-UAS.
- European **regulatory framework** for safe drone operations will enter into force:
  - [U-Space](#) - the European UTM arrangement (January 2023).
- Many **EU partners** engaged in counter-UAS, including Institutions, EU Agencies, LEA's & networks and funded consortia.



## C-UAS and Drone related Directorates-General (DG)

- **Migration and Home Affairs (DG HOME)**
  - **Mobility and Transport (DG MOVE)**
  - **Defence Industry and Space (DG DEFIS)**
  - **Internal Market, Industry, Entrepreneurship and SMEs (DG GROW)**
- + the Commission's Joint Research Centre (JRC)**



- ❑ **EU Regulations 2019/945 and 2019/947** set out the framework for the safe operation of civil drones in the European skies.
  
- ❑ In 2021 the [European Commission](#) published 2 relevant documents:
  - Manual "Drone Incident Management at Aerodromes" (partially restricted).
  - Study on the societal acceptance of Urban Air Mobility.

# DG HOME & Counter-UAS

- Use of commercial drones by terrorist groups in Syria-Iraq, Gatwick incidents as well as several terrorist threats and plots.
- First EU C-UAS workshop in **2016**
- The need for protection against drones is mentioned in the (2017).
- Provide support to EU member states, **funding** of projects and studies.
- Now at 2 meetings per year...

**Community-  
building**

Meetings with MS

Counter-UAS Interest  
Group

Bilateral engagement  
with stakeholders

**Information-  
collection and –  
sharing**

Global monitoring

Regular newsletter  
and email updates to  
stakeholders

Counter-UAS Interest  
Group

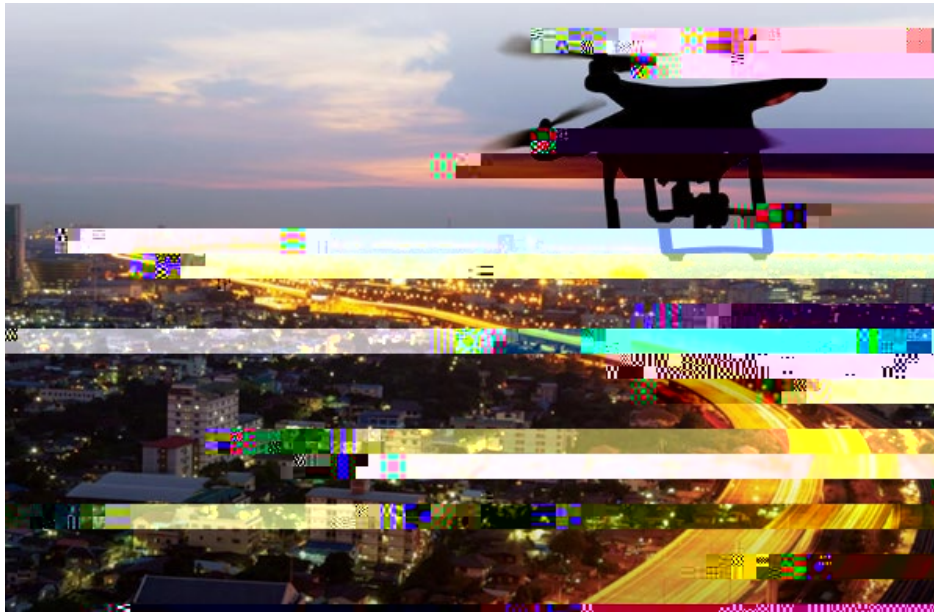
**European  
Programme for C-  
UAS systems  
testing**

COURAGEOUS

**Practical  
guidance/support**



# EU Handbook for securing urban areas from non-cooperative UAS



Source: *Securitymagazine.com*

- A top-level, accessible handbook addressing relevant audiences and stakeholders in an urban context
- Non-technical
- Public release scheduled for late 2021



# Joint Research Centre

## □ JRC DRONE. Counter UAS for critical infrastructure

- Proof of Concept, installation and tests.
- Counter UAS handbook for critical infrastructure (Q4 2021).
- Living lab installation for stakeholder involvement (Belgium).

## □ EU guideline for the physical protection against drones (Q4 2021)

- Safety and Security of Buildings Unit (Italy)
- Passive measures (target hardening)

# C-UAS - A cyclical, whole-of-society approach required...

- Lawmakers
- Regulators
- Drone manufacturers
- Drone operators
- Government authorities, including police, defence, civil protection, CAAs, etc.
- Local-level authorities
- Operators of critical infrastructure and public spaces
- Private security providers
- Citizens



**Thank you for your attention.**

**European Commission**

**Migration and Home Affairs (DG HOME)**

**Directorate D - Internal Security**

**D2 - Counter-Terrorism Policy Unit**

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