

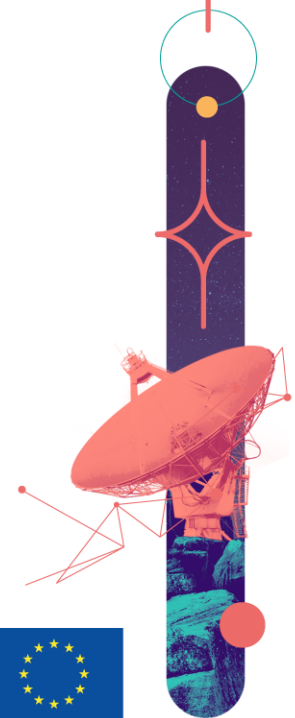
USE CASE 3: EU CSDP MILITARY OPERATION



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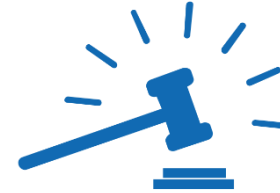
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WHO WE ARE & WHAT WE DO



Intergovernmental Agency
of the Council of the European Union



Established in 2004
and based in Brussels



DESIGNED TO BE

1

Main
intergovernmental
**prioritisation
instrument**
at EU level in support
of defence capability
development

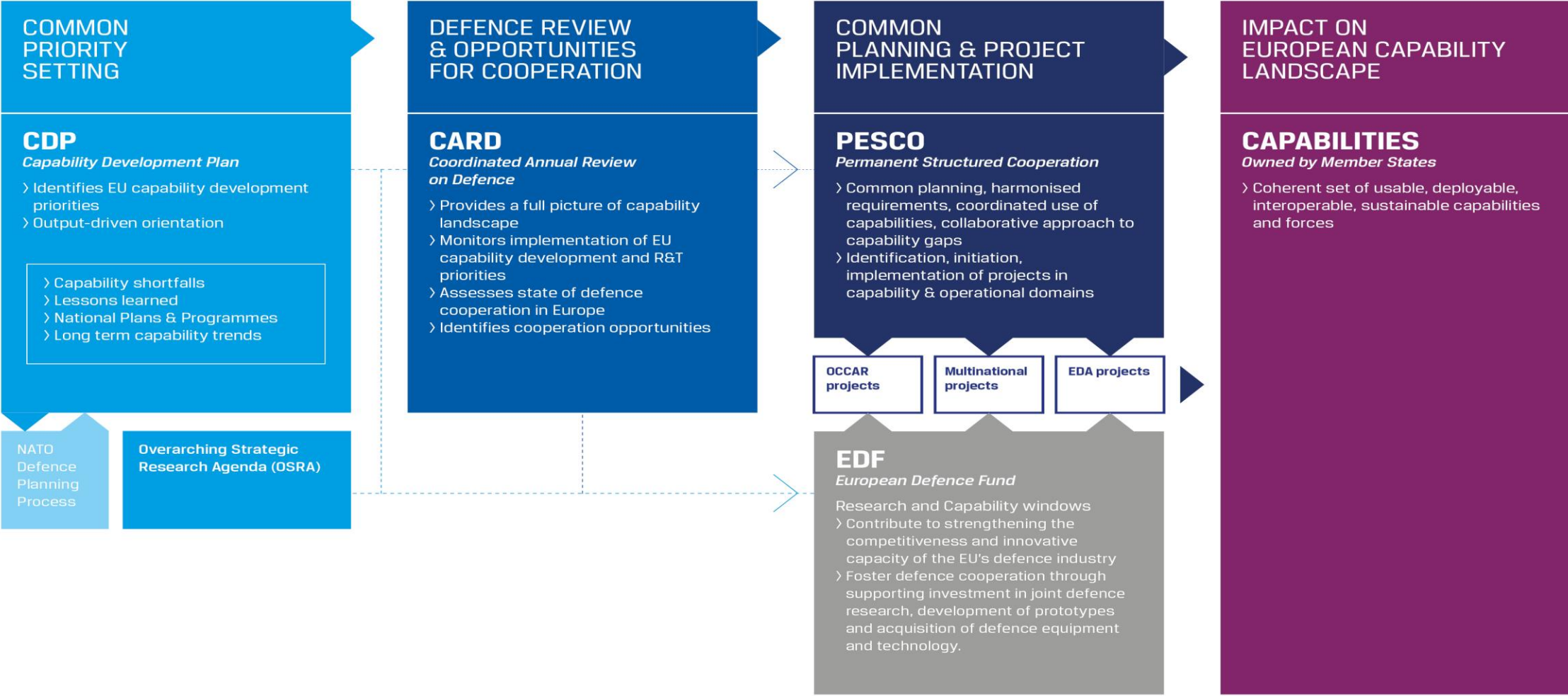
2

Preferred
**cooperation
forum**
for technology
and capability
development

3

military interface
between Member
States and EU wider
policies

EU DEFENCE INITIATIVES



COHERENCE

EDA is involved in all existing EU defence tools to ensure coherence & focus on capability priorities



■ **CAPABILITY DEVELOPMENT PLAN (CDP)**
Common priority setting

■ **COORDINATED ANNUAL REVIEW ON DEFENCE (CARD)**
Defence review & identification of cooperation opportunities

■ **PERMANENT STRUCTURED COOPERATION (PESCO)**
Common planning & project implementation

■ **EUROPEAN DEFENCE FUND (EDF)**
EU co-funding for capability development and research

▶ Objective = collaborative projects for a coherent set of **usable, deployable, interoperable and sustainable capabilities**

DEFENCE IN SPACE (DIS) AS A FOCUS AREA

What are the challenges:

- **Highly fragmented situation** in Space:
 - National policy and strategy frameworks
 - (Guaranteed) access to space services
 - Engagement in space activities
 - Demand for and supply of space services
 - Collaboration/cooperation on space
 - Coherence/standardisation/interoperability
- **Duplication** of projects/products
- **Limitations** in some areas of space
- **No common EU Defence voice**, difficult and burdensome integration of defence views, needs and requirements (STM, HAO)
- Recognition of **EU Defence requirements in EU Space Programme?**

Potential mitigation:

- **Coordinate**, converge and streamline the individual approaches of pMS across all Space-based strands
- **Discover** EU wide strengths and weaknesses, dependencies, duplications and **collaboration** opportunities
- Better **recognition of EU Defence requirements**
- Stronger position for EU defence with regard to policy-making and build **reciprocal partnerships** with main EU and non-EU partners such as NATO
- Contribute to **EU Strategic Autonomy in Space**
- Creation of a **network for EU Defence in Space**

→ **EDA DiS FORUM**

EDA GOVSATCOM P&S DEMO

EU SATCOM MARKET

PA in place since early 2019

18 MoDs

+ EPF



KEY BENEFITS

- Quick and easy access to Secure and Guaranteed SatCom services
- Gov-to-Gov relation through EDA
- Access to 'classical' governmental/military frequency bands
- Complement to EU SatCom Market
 - ➔ Access to full range of SatCom frequency bands
- Set scene for military part of EU GOVSATCOM

JPA in place since 2012

21 MoDs

+ MPCC, EEAS
EPF, FRONTEX

Currently supported EU CSDP:
6 Mil Msn/Ops
7 Civ Msn



KEY BENEFITS

- Quick and easy access to Outsourced SatCom services
- Reduced costs, ease and quick access, operational efficiency
- Access to all commercial frequency bands
- Complemented with CIS service provision:
 - ➔ IT Networks behind SatCom dish and radio communication
- Creates synergies between civilian and military users

ENTRUSTED

DEMONSTRATION OF CRISIS MANAGEMENT USE CASE

EDA GOVSATCOM support
to the EU military CSDP operation IRINI
- demonstration of a pooling
and sharing service provision model

End to end GOVSATCOM service provision
including space capacity, anchoring,
backhauling and installation of a maritime
satellite ground terminal on a frigate

GOVERNMENTAL SATELLITES
(SPAIN)

ANCHORING
(SPAIN)

COMMAND AND CONTROL
(OHQ ROME, GREECE MoD)

MPLS

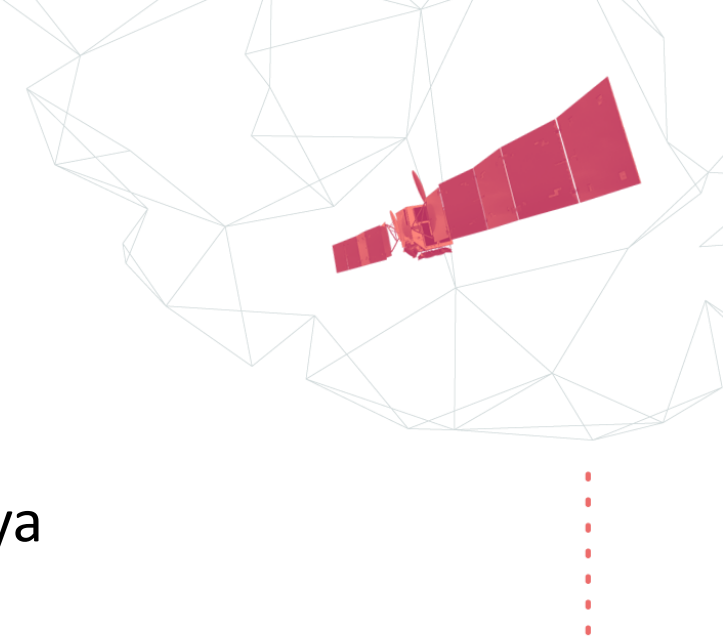
HELLENIC NAVAL FRIGATE

OPERATIONAL SCENARIO

The operational scenario supports secure Comms for the EU CSDP military operation EUNAVFOR MED IRINI focused on the implementation of the **United Nations Security Council** Resolutions on the arms embargo on Libya and was launched on 31 March 2020 and extended until 31 March 2023.

In particular, the mission is mandated to carry out **inspections of vessels** on the high seas off the coast of Libya, suspected to be carrying arms or related material to and from Libya in accordance with United Nations Security Council Resolution 2292 (2016), in addition to monitoring violations perpetrated via aerial and land routes.

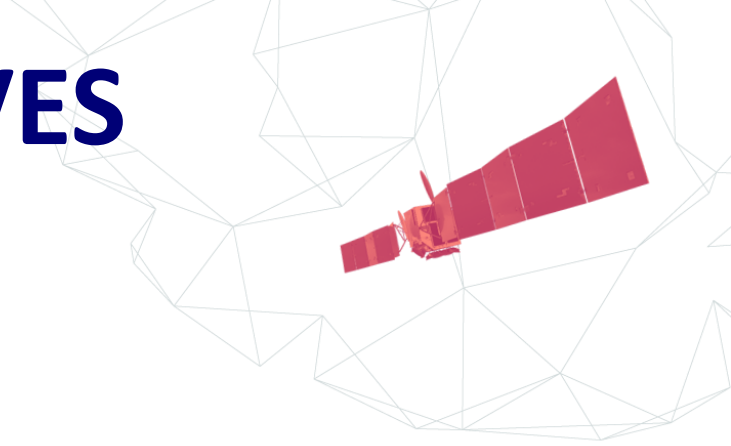
OPERATIONAL SCENARIO



As secondary tasks, EUNAVFOR MED IRINI also:

- monitors and gathers **information on illicit exports** from Libya **of petroleum**, crude oil and refined petroleum products;
- contributes to the capacity building and **training of the Libyan Coast Guard and Navy**;
- contributes to the disruption of business model of **human smuggling and trafficking networks** through information gathering and by patrolling planes.

EDA USE CASE - OBJECTIVES



a) SatCom services access

b) Pooling and Sharing model



SatCom services delivery & SLA



Prioritisation mechanism



Terminal lease model



Easy and quick terminals deployment

c) Wide coverage

d) High security levels



Continuous and reliable service



Tailored user training (on demand)



Service management platform