



EUROPEAN DEFENCE AGENCY

ECA WORKSHOP

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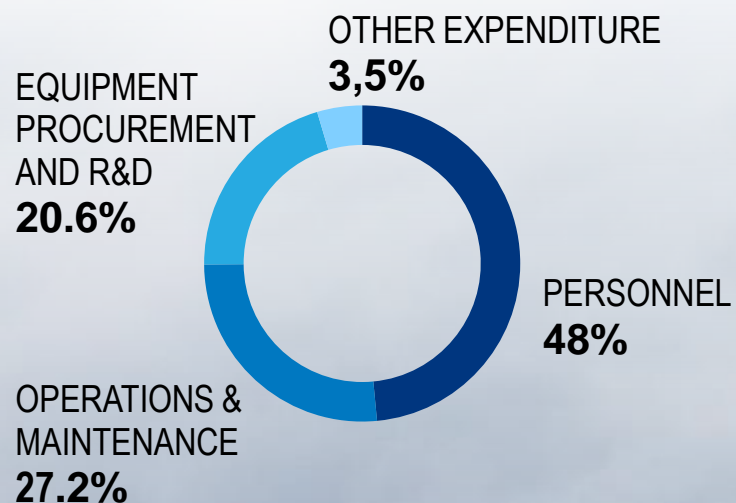


CONTEXT. EDA IN EU DEFENCE

THE EUROPEAN DEFENCE SECTOR

BUDGET*

DEFENCE EXPENDITURE 214 B€



PEOPLE

NUMBER OF MILITARY PERSONNEL
1 252 464****

AVERAGE NUMBER OF TROOPS
DEPLOYED
29 580 (2.4%)****

DIRECT EMPLOYMENT IN DEFENCE
INDUSTRIES:
430 000**

EQUIPMENT***

- 32** TYPES ARMORED FIGHTING VEHICLES
- 22** TYPES OF FRIGATES
- 19** TYPES OF MAIN BATTLE TANKS
- 15** TYPES OF FIGHTER AIRCRAFT
- 4** TYPES OF ATTACK HELICOPTERS

Source: * EDA Defence Data 2006 – 2016 (estimates for 2016), ** ASD Europe Key Facts & Figures 2015, *** EDA Collaborative Database 2018, ****EDA Defence Data 2016-2017 (approved numbers for 2016)

THE ROAD TO EUROPEAN DEFENCE

TREATY OF MAASTRICHT

created the Common Foreign and Security Policy (CFSP)

1992

EU COUNCIL

Joint Action

2004

Creation of the



LISBON TREATY

incorporated Common Security and Defence policy and created the European External Action Service

2007

2011

COUNCIL DECISION

EDA
Replacing Joint Action

NEW COUNCIL DECISION

EDA Statutes, Seat and Operational Rules

2015

COMMON SECURITY AND DEFENCE POLICY: the CSDP shall be an integral part of the CFSP

CSDP LAUNCH IN 2000

with focus on:

Crisis Management Operations,
building on **military and civilian capabilities**

- ▶ Some **30 operations/missions** launched since 2003
- ▶ Need for **collaborative capability development** has been the key driver since the creation of the Agency

Provisions on the CSDP (Article 42 TEU)

- ▶ Member States shall make civilian and military capabilities available to the Union for the implementation of the **CSDP**
- ▶ Member States shall undertake to progressively improve their **military capabilities**

2007 LISBON TREATY:

CSDP comprehensive approach

EDA referenced as the Agency in the field of defence capabilities development, research, acquisition and armaments (Article 28.3).

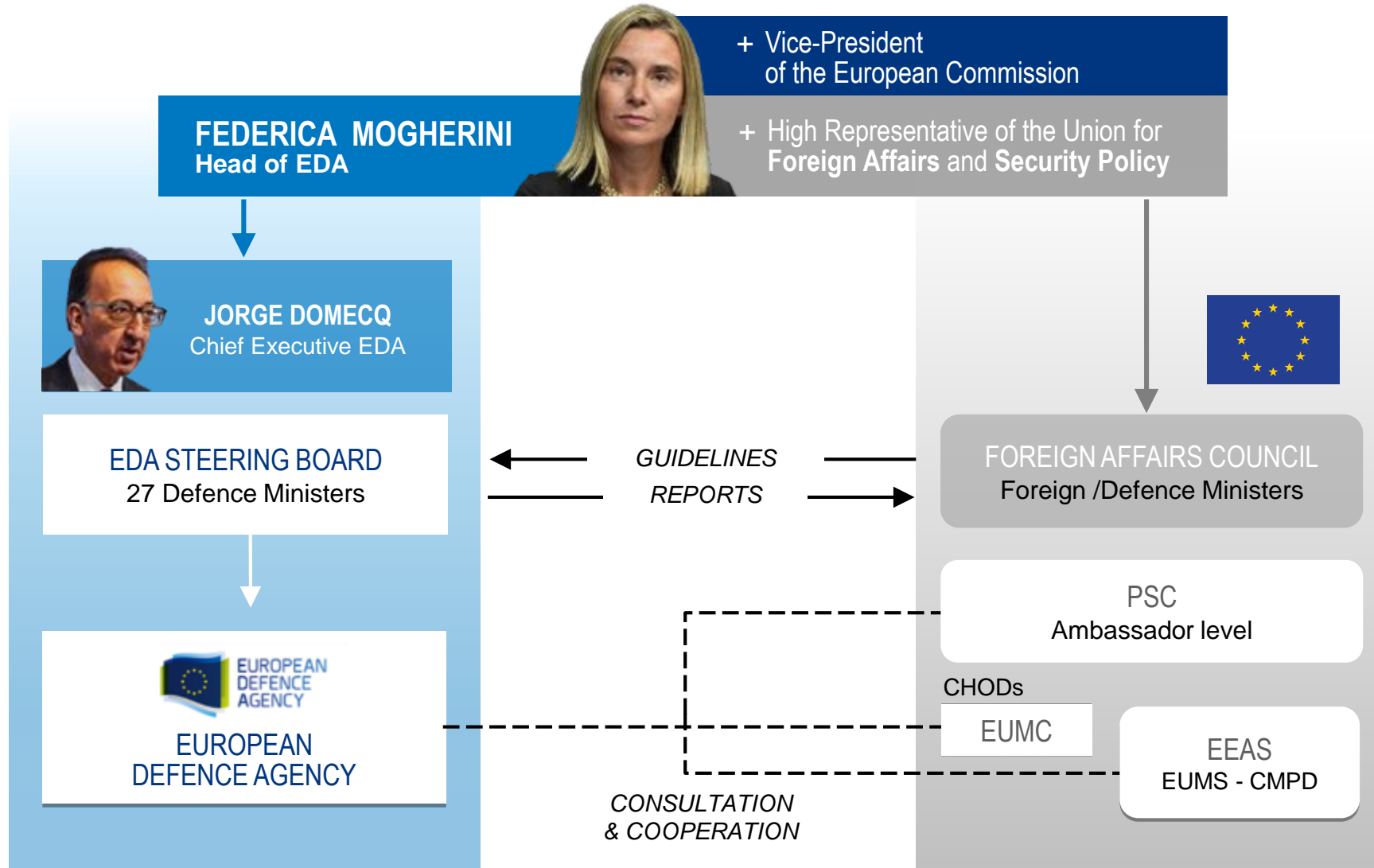
EDA tasks in Article 28D

EDA MAIN MISSION

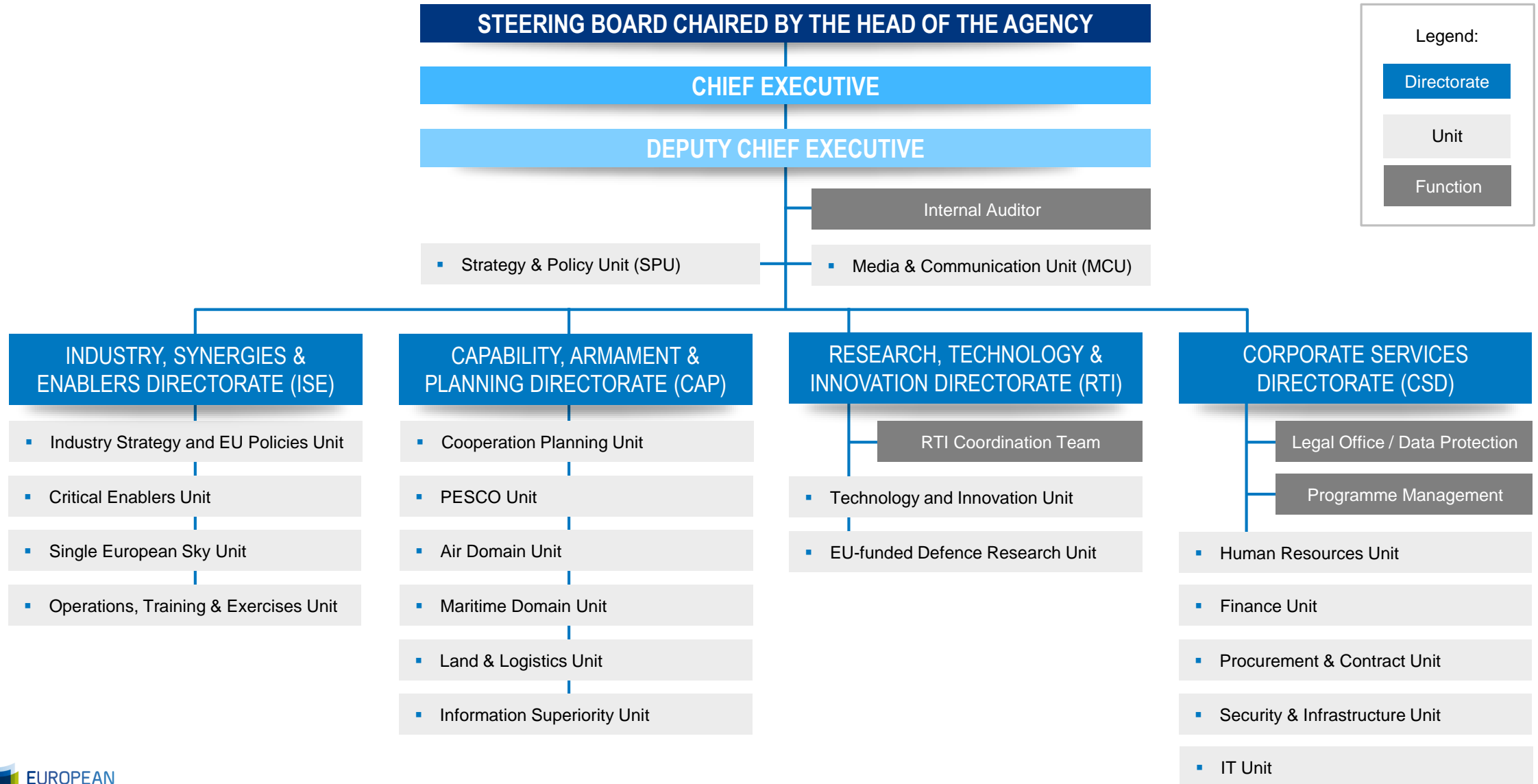
... to support the Council and the Member States in their effort to improve the Union's defence capabilities in the field of crisis management and to sustain the CSDP*

* Council decision 2015/1835 of 12 October 2015 on statute, seat and operational rules of the EDA

INSTITUTIONAL SETTING



ORGANISATION



FACTS & FIGURES

Only EU Agency whose Steering Board meets at ministerial level



Established **2004**

Based in **BRUSSELS**



+151 staff
connected with 2,500 experts in
Member States

Jorge Domecq
Chief Executive EDA

27 Member States

(all EU members except Denmark)

Administrative Arrangements

with Norway, Serbia, Switzerland and Ukraine

Budget 2018

€32.5 Mio

EDA Portfolio:

ca. **300 activities** related to capability development,
R&T and defence industry

Value Ad-Hoc Projects 2004-2017 run within EDA framework:

approx. **€1 billion**

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EDA Statutes, Seat and Operational Rules

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2016

EU Global Strategy (EUGS)

EUROPEAN DEFENCE ACTION PLAN

JOINT EU/NATO DECLARATION

PESCO

Permanent Structured Cooperation

CARD

Coordinated Annual Review on Defence

EDF

European Defence Fund

2017

2018

Implementation of major **EUROPEAN DEFENCE INITIATIVES**

EU GLOBAL STRATEGY FOR FOREIGN AND SECURITY POLICY

Presented by HR/VP and Head of EDA Federica Mogherini in June 2016;
followed by Implementation Plan in November 2016 (**European Defence Action Plan, EDAP**)

CALL TO MAKE DEFENCE COOPERATION THE NORM

Level of ambition of the European Union's security and defence policy & concrete actions.

Deepening defence cooperation:

- ▶ **EDA key cooperation tool** and Member States to make « **full use** » of **EDA's potential**
- ▶ Establishment of Coordinated Annual Review on Defence (CARD) & endorsement of Capability Development Plan (CDP)
- ▶ EU funds to support defence research and technologies and multinational cooperation



EU - NATO JOINT DECLARATION



- ▶ signed in **July 2016** in 7 areas
- ▶ **74 actions** to ensure implementation of Joint Declaration
- ▶ **Cooperation** as established norm and daily practice

EU-NATO cooperation



- Information sharing
 - Coordinated planning
 - Concrete cooperation
- in the areas of:



Hybrid Threats



Operational cooperation



Cyber Security



Capacity building



Defence capabilities



Industry and research



Exercises

EDA ROLE

- ▶ Close staff-to-staff working relations
- ▶ Coherence of output between EU & NATO defence planning processes
- ▶ Responsible for implementation of 30 actions
- ▶ Capability development: ensure complementarity/no duplication of efforts (i.e. military mobility, air-to-air refuelling)

REINFORCED MISSION

In May 2017, after EDA's LONG TERM REVIEW,
Defence ministers agreed to reinforce the Agency's role and mission

- ▶ as the **main instrument** for intergovernmental prioritisation of Defence Capabilities at EU level
- ▶ as the preferred EU cooperation **forum and management support structure** for the whole lifecycle of capability development
- ▶ as Member States' **central interface & gateway** towards EU institutions for Wider EU Policies



EUROPEAN DEFENCE COOPERATION



COHERENT APPROACH FROM PRIORITIES TO IMPACT DEVELOPMENT AND IMPLEMENTATION

EDA is involved in major EU defence initiatives to ensure **coherence, focus on capability priorities and promote cooperation**

CAPABILITY DEVELOPMENT PLAN (CDP)

Common priority setting



COORDINATED ANNUAL REVIEW ON DEFENCE (CARD)

Defence review & opportunities for cooperation



PERMANENT STRUCTURED COOPERATION (PESCO)

Common planning & project implementation



CAPABILITIES DEVELOPMENT

owned by Member States

Impact on European capability landscape



Collaborative projects for a coherent set of **usable, deployable, interoperable and sustainable capabilities.**

EUROPEAN DEFENCE FUND: A MAJOR POLITICAL EVOLUTION

AIM

The European Commission launched the **European Defence Fund** in June 2017 with the aim to:

- ▶ Contribute to strengthening the **competitiveness** and **innovative capacity** of the EU's defence industry
- ▶ Foster defence cooperation through **supporting investment** in joint defence research, development of prototypes and acquisition of defence equipment and technology.

Ongoing developments:

CAPABILITY DEVELOPMENT

The European Parliament and the Council have just adopted a regulation establishing a European Defence Industrial Development Programme (**EDIDP**) 2019-2020 with a budget of **€ 500 million**

The Commission, EP and Council are currently in negotiations with the objective to pass in 2019 a legislation establishing a European Defence Fund 2021-2027 that will cover both Capabilities and Research

Proposed budget: **€ 13 B** (€ 8.9 B for capability development and € 4.1 B for research)

RESEARCH

Preparatory Action on Defence Research 2017-2019 ongoing (budget **€ 90 M**) with a view to developing a future European Defence Research Programme (2021-2027)

EDA ROLE

- ▶ Potential upstream, implementing and downstream role
- ▶ These 3 roles have already been performed for the **Preparatory Action on Defence Research**.
- ▶ Calls for proposal were launched in 2017, 2018 and 2019
- ▶ First 8 projects have been granted and are running, waiting proposals for 2019



EUROPEAN
DEFENCE
AGENCY

SUPPORT TO EU OPERATIONS



SUPPORT TO CSDP OPERATIONS

Offering EU Operation Commanders the use of projects developed within the EDA framework and putting at their disposal related internal expertise

OHQ Larissa and Rome

Provision of human resource management solution (J1FAS)



EUFOR RCA (OHQ Larissa)

Provision of cyber awareness seminars



SOPHIA (OHQ Rome)

Maritime Surveillance (MARSUR) network deployed



EU TRAINING MISSION (Koulikoro Mali)

Deployment of a Smart Energy Camp demonstrator



SUPPORT TO CSDP OPERATIONS

Provide Contractor Support to alleviate certain capability shortfalls through commercial solutions

EU SatCom Market framework contracts

Provision of SatCom services and other Communication and Information Systems services



AIRMEDEVAC framework contract

Provision of In-theatre Aeromedical Evacuation Services



EU CSO Platform Web-based solution

Web-based platform facilitating exchanges between governmental and economic operators



EDA - ATHENA Cooperation Arrangement

Facilitating large, complex tender procedures and supporting ATHENA in setting-up framework contracts for future operations



HELICOPTER TRAINING

CAPABILITY NEED:

- ▶ Enhance available Combat Ready helicopter crews for deployed operations
- ▶ Improve Interoperability and enhance trust among European helicopter crews

MEANS

- ▶ **Helicopter Tactics Courses** (theory, language skills, tactics simulator)
- ▶ **Helicopter Tactics Instructors Courses** (“train the trainer”, theory, simulator and live flying)
- ▶ **Live helicopter exercises:** 12 exercises organized in different European countries from 2009 to 2018
- ▶ **COMAO Planning and Electronic Warfare courses** organized on request of Member States

EDA ACTIVITY

- ▶ Improve immediate output and interoperability through pooling and sharing of training skills among European countries.
- ▶ Build up of Standard Operating Procedures (HEP SOP) for contributing Member States.
- ▶ Train complex and realistic scenarios



RESULTS:

- ▶ 14 participating Member States benefit from EDA Helicopter Exercise Programme (HEP) which so far held 12 exercises with more than 260 helicopters and 13,200 participants
- ▶ 61 Helicopters Tactics Course (HTC) and 6 Helicopter Tactics Instructors Course (HTIC) delivered until end 2018

WAY AHEAD: **Development of a Multinational Helicopter Training Centre (MHTC)**

Remotely Piloted Aircraft Systems (RPAS) TRAINING & EXERCISES

AIM:

- ▶ To improve information sharing in the European RPAS domain, including training, exercises, doctrine and procedures

SOLUTION

RPAS Training Technology Demonstrator (RTTD) project



RESULTS:

- ▶ Improved interoperability through the establishment of a formal EMALE RPAS Community of Interest
- ▶ Common network linking 9 RPAS national training centres across the EU

WAY AHEAD:

Development of a multinational RPAS exercise in close cooperation with the European Air Group (EAG)

STRENGTHENING EUROPE'S DEFENCE INDUSTRY



INDUSTRY ENGAGEMENT: INVOLVE INDUSTRY IN EDA'S CORE BUSINESS



Structured dialogue with industry

ASD, NDIAs, Defence-related clusters; Large, Mid-cap and SMEs

SUPPORT TO INDUSTRY

- Information sharing
- Cross-border partnerships
- EU tools (e.g. funding, networks)
- SMEs

KEY STRATEGIC ACTIVITIES

Consultation of industry on strategic autonomy perspective on technologies, skills and manufacturing capacities of future capabilities

RESEARCH, TECHNOLOGY & INNOVATION

- Strategic Research Agenda
- Technology Domains
- Identification of innovation communities

SES/SESAR

- Industry Exchange Platform on RPAS ATI
- Various industry fora/platforms

INDUSTRIAL INPUT CAPABILITY DEVELOPMENT PROCESS

- Capability Development Plan
- Exercises
- Project Generation



EUROPEAN SYNERGIES



A PROACTIVE HUB FOR THE EUROPEAN DEFENCE COMMUNITY

EDA stakeholders

Partner organisations in improving European military capabilities

(e.g. OCCAR, NATO, European Air Transport Command)

Key partners in civil-military coordination

(e.g. European Commission, EU Agencies, ESA, Eurocontrol, SESAR)

Industry,

through ASD & National Defence Industry Associations (NDIAs)



SINGLE EUROPEAN SKY



AIM:

- ▶ Reform air traffic management and Defragment the Airspace in Europe



- ▶ Introduction of latest ATM technologies, including digitalization, & Regulations
- ▶ In a shared Airspace this shift of paradigm has strong implications on Military Aviation

In Operational, Financial and Capability Domains

EDA

interface with EU and Stakeholders and coordinating military views

- ▶ Assessment of impacts and opportunities of SES on military aviation
- ▶ Implementing of Military Aviation Strategy in the context of Single European Sky
- ▶ Exploring the use of EU co-funding mechanisms and support MS in obtaining co-funding
- ▶ Wise Person Group Recommendations. Airspace Architecture Study (AAS). Developing vision beyond 2035+



Toward an “integrated aviation system” catering Civil and Military needs in a balanced way

DUAL-USE RESEARCH

TASK

- ▶ EDA explores dual-use synergies with civilian research
- ▶ **Clear tasking** from European Council **Dec 2013**



EDA'S WORK ELEMENTS / INVOLVEMENT:

- ▶ ESIF now open for Defence
- ▶ Key Enabling (dual-use) Technologies

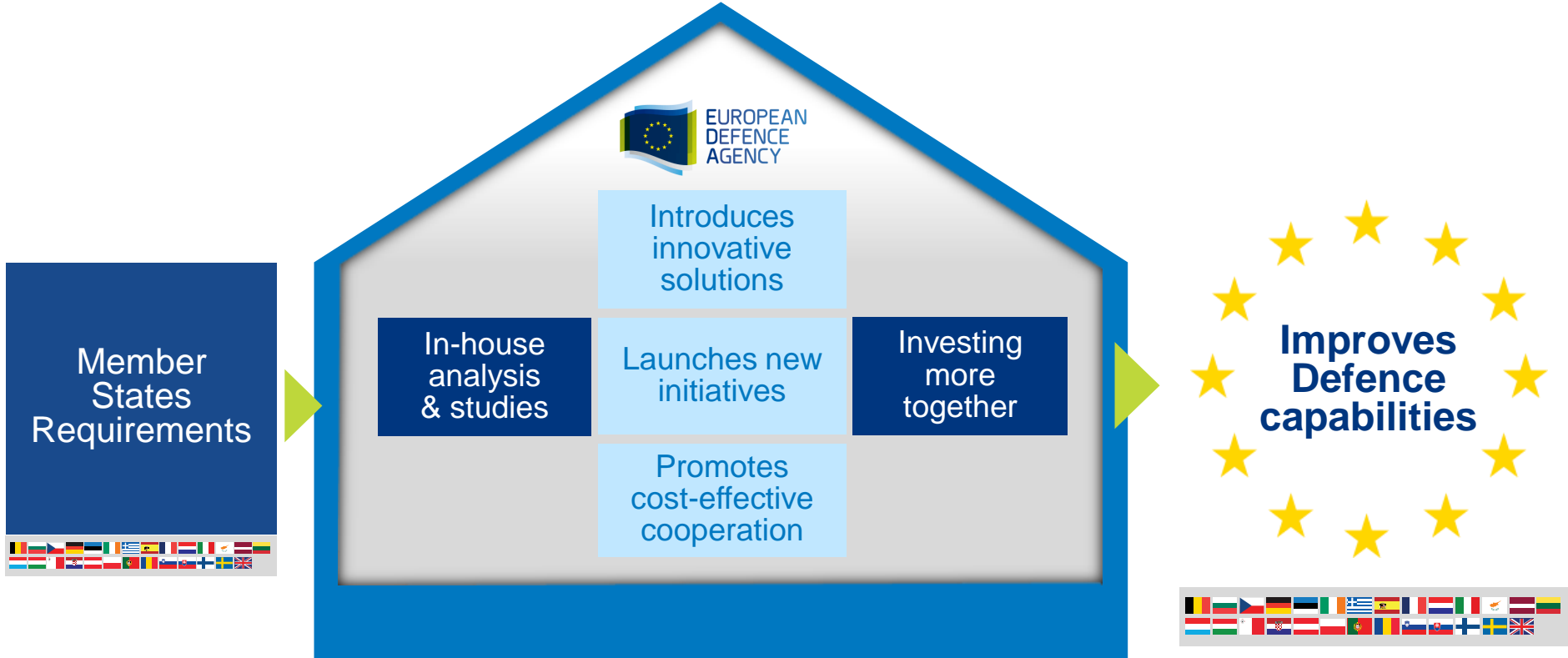
EUROPEAN FRAMEWORK COOPERATION

- ▶ Create awareness of dual-use synergies through CapTech activities
- ▶ Joint Task Force EC-EDA-ESA on Critical Space Technologies
- ▶ IdentityFunding (on-line tool). EU Funding Mechanisms

CONCLUSION



EDA AS A CATALYST: FROM MEMBER STATES TO MEMBER STATES



EDA: A CAPABILITY MULTIPLIER

FLEXIBILITY

- ▶ EDA works à la carte
- ▶ Member States decide on the extent to which they participate in the Agency's core

EXPERTISE

- ▶ EDA supports projects for their entire lifecycle
- ▶ EDA provides overviews, delivers roadmaps and gives assistance
- ▶ Expertise is widely acknowledged
- ▶ Close links to Member States and other EU and multinational structures

COST-EFFICIENCY

- ▶ Budget : €32.5 million euros (2018)
- ▶ Projects and programmes launched and managed by the Agency generate substantial ad-hoc budgets
(€ 274 M in 2018, € 1 B in EDA history)



MORE INFORMATION:

WWW.EDA.EUROPA.EU

FOLLOW US ON TWITTER:

[@EUDEFENCEAGENCY](https://twitter.com/EUDEFENCEAGENCY)

Thank you for your attention !