CONTENTS

CONTEXT. EDA IN EU DEFENCE
EUROPEAN DEFENCE COOPERATION
SUPPORT TO OPERATIONS
STRENGTHENING EUROPE’S DEFENCE INDUSTRY
EUROPEAN SYNERGIES
CONCLUSION
CONTEXT. EDA IN EU DEFENCE
THE EUROPEAN DEFENCE SECTOR

BUDGET*

DEFENCE EXPENDITURE
214 B€

- EQUIPMENT PROCUREMENT AND R&D
  20.6%
- OPERATIONS & MAINTENANCE
  27.2%
- PERSONNEL
  48%
- OTHER EXPENDITURE
  3.5%

DEFENCE EXPENDITURE AS A % OF GDP

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

THE ROAD TO EUROPEAN DEFENCE

**TREATY OF MAASTRICHT**
created the Common Foreign and Security Policy (CFSP)

1992

**EU COUNCIL**
Joint Action

2004

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

2007

**COUNCIL DECISION**
EDA
Replacing Joint Action

2011

**NEW COUNCIL DECISION**
EDA Statutes, Seat and Operational Rules

2015
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

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

Only EU Agency whose Steering Board meets at ministerial level

27 Member States
(all EU members except Denmark)

Administrative Arrangements
with Norway, Serbia, Switzerland and Ukraine

Established 2004
Based in BRUSSELS

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

Jorge Domecq
Chief Executive EDA

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
# THE ROAD TO EUROPEAN DEFENCE

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1992</td>
<td>Treaty of Maastricht created the Common Foreign and Security Policy</td>
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<td>2004</td>
<td>EU Council Joint Action</td>
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<td>2011</td>
<td>Council Decision Replacing Joint Action</td>
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<td>2015</td>
<td>New Council Decision EDA Statutes, Seat and Operational Rules</td>
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<tr>
<td>2016</td>
<td>New Council Decision EU Global Strategy (EUGS)</td>
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<tr>
<td>2017</td>
<td>Permanent Structured Cooperation</td>
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<tr>
<td>2018</td>
<td>Coordinated Annual Review on Defence</td>
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<td>2017</td>
<td>EDF European Defence Fund</td>
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<tr>
<td>2018</td>
<td>Implementation of major European Defence Initiatives</td>
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**EUROPEAN DEFENCE INITIATIVES**

- EU Global Strategy (EUGS)
- European Defence Action Plan
- Joint EU/NATO Declaration
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

**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
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 the European Defence Industrial Development Programme (EDIDP) 2019-2020 with a budget of € 500 million.

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

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)
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

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)

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
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

<table>
<thead>
<tr>
<th>SUPPORT TO INDUSTRY</th>
<th>KEY STRATEGIC ACTIVITIES</th>
<th>RESEARCH, TECHNOLOGY &amp; INNOVATION</th>
<th>SES/SESAR</th>
<th>INDUSTRIAL INPUT CAPABILITY DEVELOPMENT PROCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Information sharing</td>
<td>Consultation of industry on strategic autonomy perspective on technologies, skills and manufacturing capacities of future capabilities</td>
<td>• Strategic Research Agenda • Technology Domains • Identification of innovation communities</td>
<td>• Industry Exchange Platform on RPAS ATI</td>
<td>• Capability Development Plan • Exercises • Project Generation</td>
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<td>• Cross-border partnerships</td>
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<td>• EU tools (e.g. funding, networks)</td>
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<td>• SMEs</td>
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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)
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

**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

**Task**
- EDA explores dual-use synergies with civilian research
- **Clear tasking** from European Council Dec 2013
CONCLUSION
EDA AS A CATALYST: FROM MEMBER STATES TO MEMBER STATES

- Promotes cost-effective cooperation
- Launches new initiatives
- Investing more together
- Introduces innovative solutions
- In-house analysis & studies

Member States Requirements

Improves Defence capabilities
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)
Thank you for your attention!