

OCCAR

European Parliament,
Sub-Committee on Security and Defence,
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Admiral Matteo BISCEGLIA, OCCAR Director

19.10.2020

Organisation for Joint Armament Co-operation

OCCAR basic information

What is OCCAR?

- ❖ **OCCAR** (**O**rganisation **C**onjointe de **C**oopération en matière d'**A**rmement) is an international organisation for the management of cooperative defence equipment programmes.
- ❖ OCCAR was created through the "**Convention**", an international treaty. The OCCAR Convention was signed at Farnborough (UK) on **9 September 1998** and entered into force on 28 January 2001.
- ❖ The founders gave OCCAR a European vocation and we hope some other European countries will join us in a close future.

Current Member States:



BE



FR



DE



IT



ES



UK

Current (non-Member) Programme Participating States:



FI



LT



HU



NL



PL

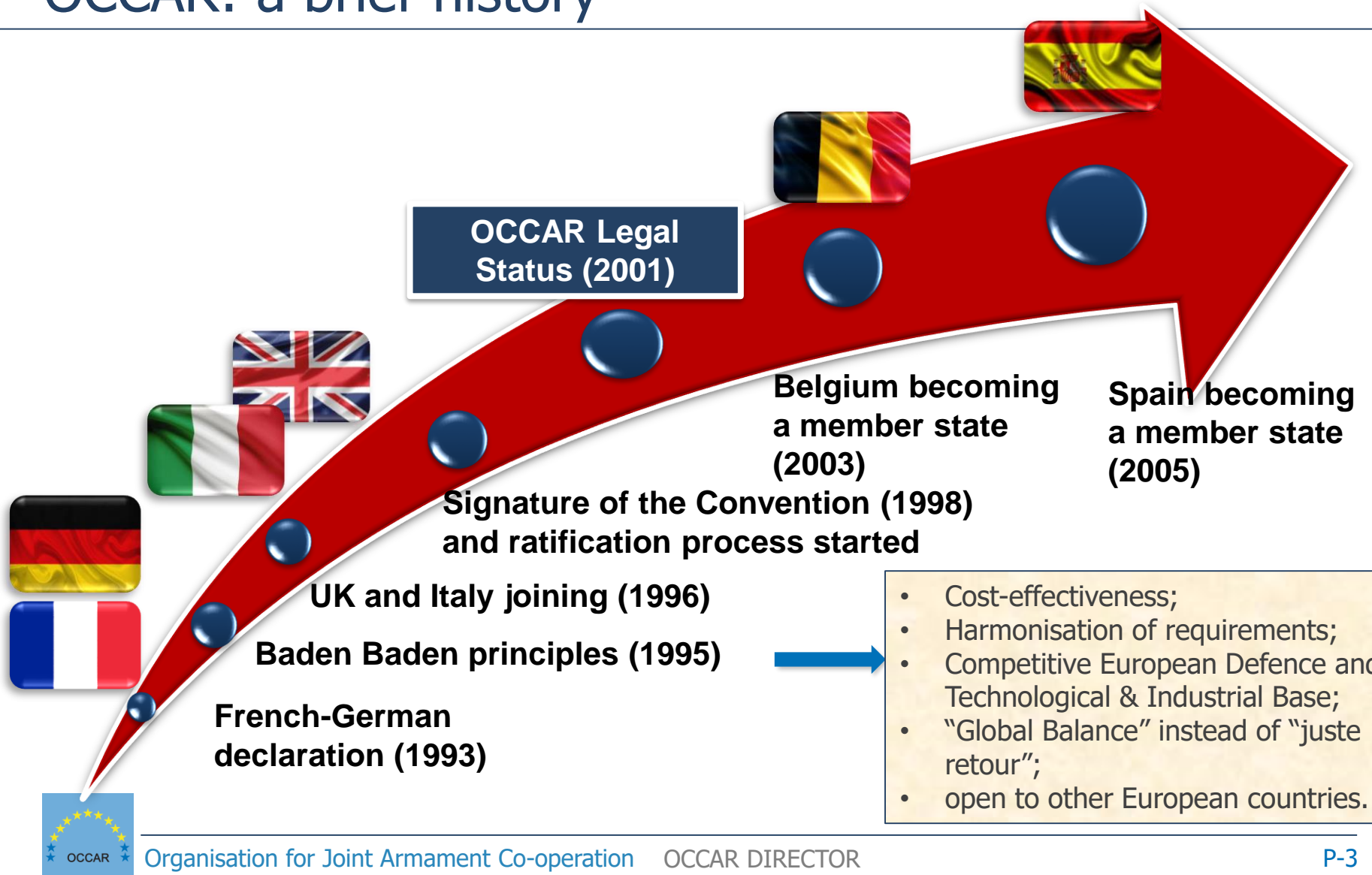


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OCCAR: a brief history



OCCAR Convention (9 Sept 1998)

OCCAR, a European vocation:

Preamble:

- „Deeming it necessary, in cooperative programmes, in order **to improve the competitiveness of the European defence technological and industrial base**, to take advantage of their industrial poles of excellence, to promote links between companies, and for competition to be organised in accordance with uniform rules adopted in accordance with the provisions of this Convention“...;
- „Convinced that a strengthening of their co-operation in defence equipment will **contribute to the establishment of a European security and defence identity** ... “.

Article 1:

- “**A European organisation**, the “Organisation for Joint Armament Co-operation” (OCCAR) is hereby established.”

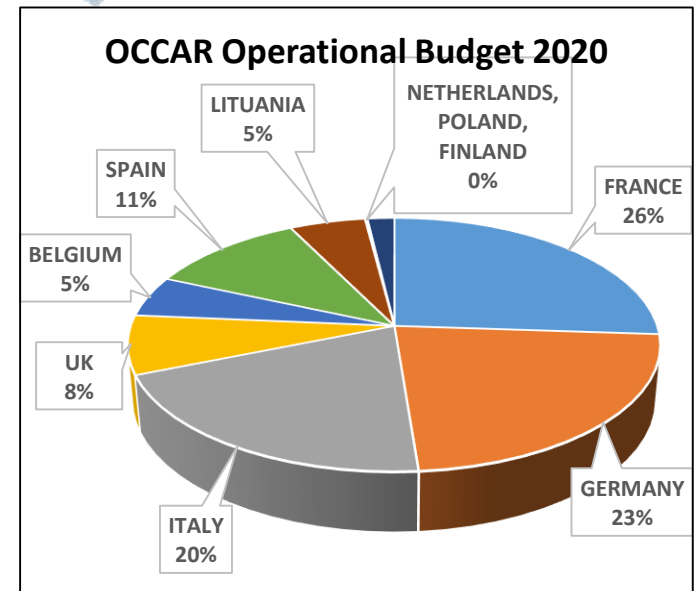
OCCAR in numbers

Number of Programmes: 14
Programmes/Phases in Integration: 5
(MAST-F, NFS, MALE-RPAS, TIGER MK3, REACT)

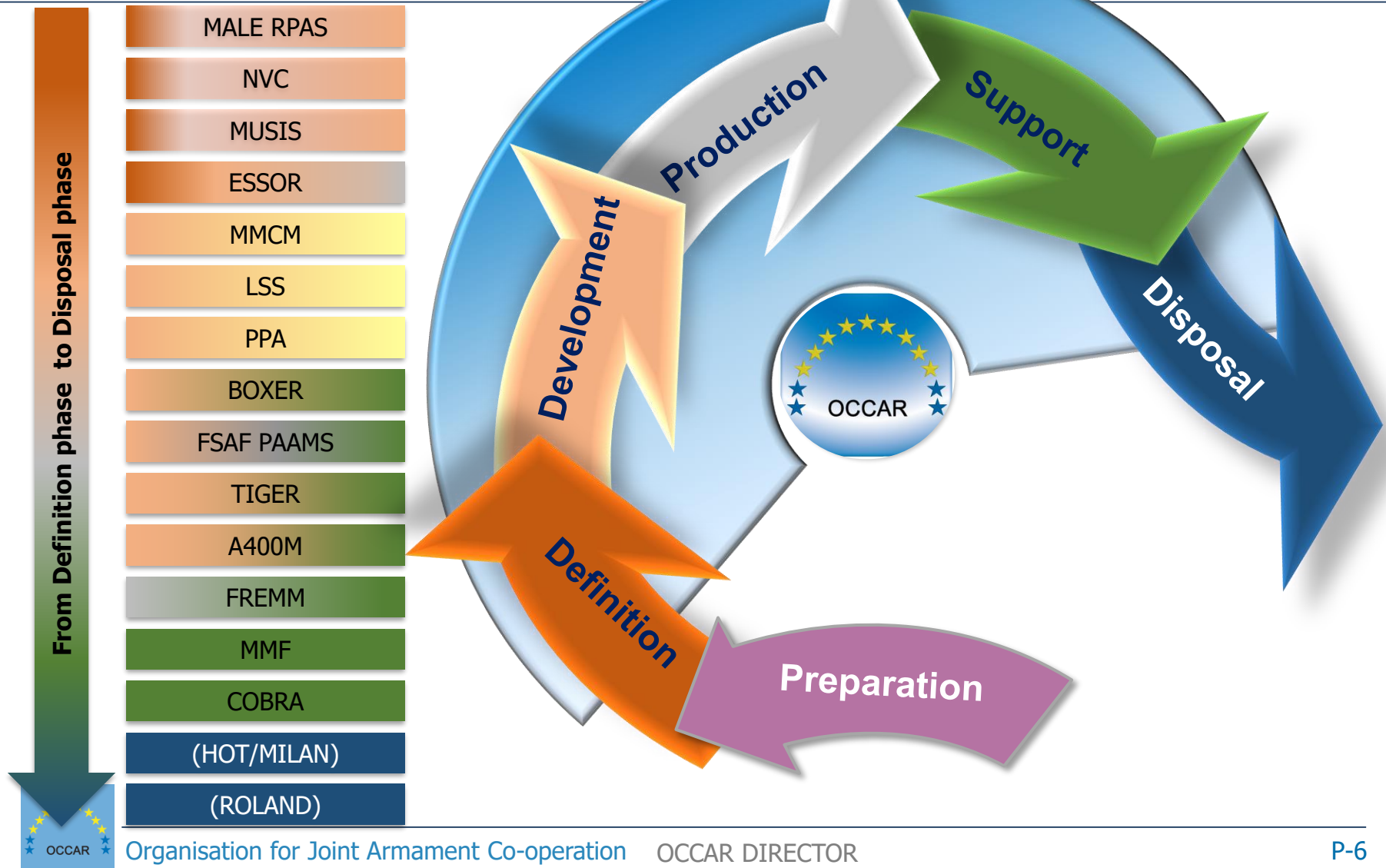
Number of Employees: 321
Number of Premises: 9

Programme Portfolio: 73.7 Bln€
(increasing up to 90 Bln€)

Operational Budget (OB) 2020: 4.5 Bln€
Administrative Budget (AB) 2020: 61.7 Mln€
AB/OB ratio: 1.4%



Current Programme Status



OCCAR budget

Operational Budget

Expected to increase up to 90B€ with programmes and new stages under integration:

- MAST-F
- MALE RPAS
- TIGER MK3
- NFS
- FSAF-PAAMS NG

Current AB/OB ratio
1.4%

Programmes	OCCAR-EA Operational Budget in M€ (indicative figures for 2021-2023 periods) - (VAT included)				Total
	2020	2021	2022	2023	ProgD (EC2019)
A400M	1,870	1,068	995	864	30,977
BOXER	594	397	191	281	5,593
COBRA	28	31	24	18	111
ESSOR	59	6	-	-	92
FREMM	623	698	697	401	13,883
FSAF PAAMS	274	380	273	236	5,989
LSS	104	123	151	253	2,219
MALE RPAS	-	-	-	-	68
MAST-F	-	-	-	-	-
MMCM	77	1	1	-	162
MMF	-	-	-	-	-
MUSIS	11	11	8	-	36
NVC	-	-	-	-	-
PPA	391	605	421	439	4,051
TIGER	489	392	281	190	10,521
TOTAL	4,520	3,712	3,042	2,682	73,701

Admin. Budget

Chapters (€)	OCCA-EA Administrative Budget in € (indicative figures for 2021-2023 periods)			
	2020	2021	2022	2023
Chapter 1 (Personnel Costs)	46,930,138	49,923,929	50,488,079	46,352,215
Chapter 2 (Recurring Expenditures)	13,038,534	13,728,150	14,396,322	14,124,776
Chapter 3 (Capital Expenditures)	1,804,308	1,479,292	1,299,273	1,117,106
TOTAL	61,772,980	65,131,371	66,183,674	61,594,097



Roadmap for OCCAR: EU Foreign & Security Policy

The Security and Defence Policy of the European Union was reinvigorated with the EU Global Strategy starting 2016.

The subsequent initiatives launched by the EC: PADR, EDIDP, EDF.

- **Preparatory Action on Defence Research (PADR)**
- **Coordinated Annual Review on Defence (CARD)**
- **Permanent structured Cooperation (PESCO)**

2016

- **EU Global Strategy**
- **EU Defence Action Plan**
(2017-2021 EU budget)

2017

2018

Capability Development Plan (CADP)

2019

European Defence Industrial Development Program (EDIDP)
to foster competition and innovation capacity of EU industries

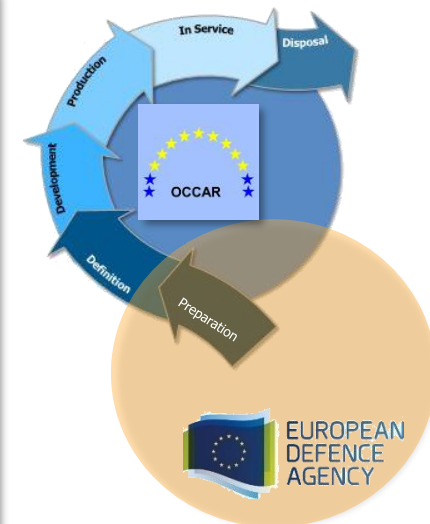
2021-2027

European Defence Fund (EDF)
Part of EU budget, initially 13 Bln€, reduced to 7-8 Bln€

OCCAR and EDA



- OCCAR and EDA consider each other as privileged partners in the domain of co-operative European Defence Capability Development and delivery.
- **Legal framework:**
 - Administrative Arrangement OCCAR - EDA: signed on the 27th July 2012 provides the cooperation framework for the transfer of EDA Programmes/Projects into OCCAR and for OCCAR support to EDA;
 - OCCAR-EDA Interface Document signed on 16 December 2015;
 - Security Agreement OCCAR - EU.
 - Security Arrangement OCCAR – EDA: for the exchange of classified information (09 Dec 2014).



Programmes started as EDA projects:

✓ ESSOR Programme



✓ MUSIS Programme



Programme started as EDA initiative in air-to-air refueling:

✓ MMF Programme



EDA supporting OCCAR in Air Traffic Integration (ATI) regulation:

✓ MALE RPAS

OCCAR and NATO



- The NATO Support and Procurement Organisation (NSPO) comprises a legislative entity – the Agency Supervisory Board (ASB) – and an Executive Body called the "NATO Support and Procurement Agency" (NSPA).
- OCCAR recognises NSPO as a valuable partner for the common support to be provided to defence systems in their In Service Phase.
- **A Memorandum of Understanding was signed in 2005, followed by a Cooperation Agreement between NSPO and OCCAR regarding the Acquisition Phase of a Multinational Multi Role Tanker Transport (MRTT) Fleet Project signed in November 2014; the latter being updated in 2019.**
- On 23rd October 2018, OCCAR and NSPA signed the 4th Amendment to the A400M Service Level Agreement (SLA) to cover the period 2019-2021. Since February 2014, the NSPA provides services in the area of electronic, automated and integrated logistic support to the A400 community comprising of OCCAR and the Participating States.
- Logistic services provided by NSPA to OCCAR under specific Service Level Agreements for the:

✓ COBRA Programme



✓ TIGER Programme



✓ A400M Programme



✓ BOXER Programme

OCCAR: key achievements

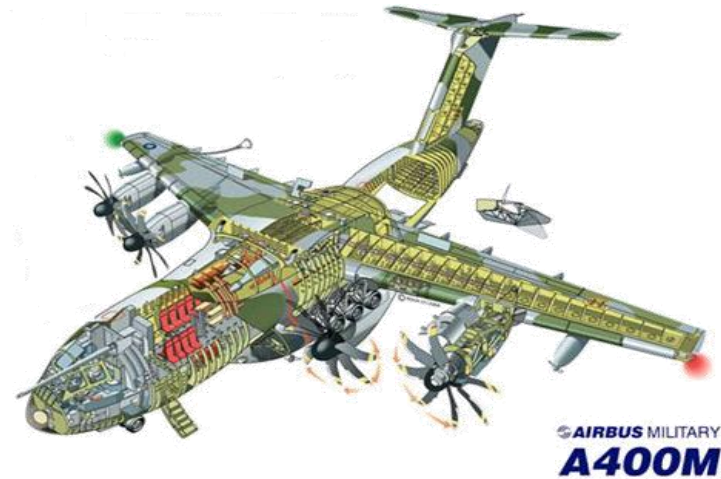


A400M Programme: a tactical and strategic airlifter



A400M initial scope was:

- To design, develop, Manufacture and deliver an Aircraft with associated products and services.
- To build a transport aircraft with logistic (Strategic) & tactical capabilities.
- Its key capabilities are: large volume cargo capability, natural surface ops, aerial delivery, defensive aids, low level flight, air-to-air refuelling.



Max. Logistic T.O. Weight: 136,500 Kg

Maximum Logistic Payload: 32,000 Kg

Total Fuel Capacity: 64,000 lt

Max. Op. Altitude: 12192 m (40,000 ft)

Cruise Speed 0.68-0.72 Mach

Range 1,700 NM (max payload) – 4,100 NM

Troops transport / Medevac: 116/66 + 25 troops

Mixed transport: 8 Mil Pallets + 48 Troops



An example of key achievement, managing the A400M air transport programme



A400M Programme historical background



Since 2003, development and production phase


Western European Armaments Group (WEAG)
Drafting of European Staff Requirement (ESR)

1985 : requirement phase

1996 : pre-launch activities

1985/1996 : requirements Phase

 **AIRBUS MILITARY**
A400M selected

1999 : tender submission between A400M, C-130J, C-17, An-7X

1996/2003 : Pre-launch activities and Contract Negotiation

July 2000 : Airbus industries selected

May 2003 : MOU and DPP Contract signature Programme assigned to OCCAR

2009 : first flight

February 2018 : top level Declaration of Intent (DOI)

2020 : 90 A400M delivered by OCCAR



A400M delivered

Countries	A400M ordered	A400M delivered Mid-2020
Germany	53	35
France	50	17
Spain	27	8
United Kingdom	22	20
Belgium	7	0
Luxembourg	1	1
Turkey	10	9
Malaysia	4	4

An example of non-military applications

A400M Support to Humanitarian Efforts Hurricane Irma September 2017



British A400M efforts in support of humanitarian relief



French A400M in Saint Martin and Fort de France (Martinique) ©FR AF

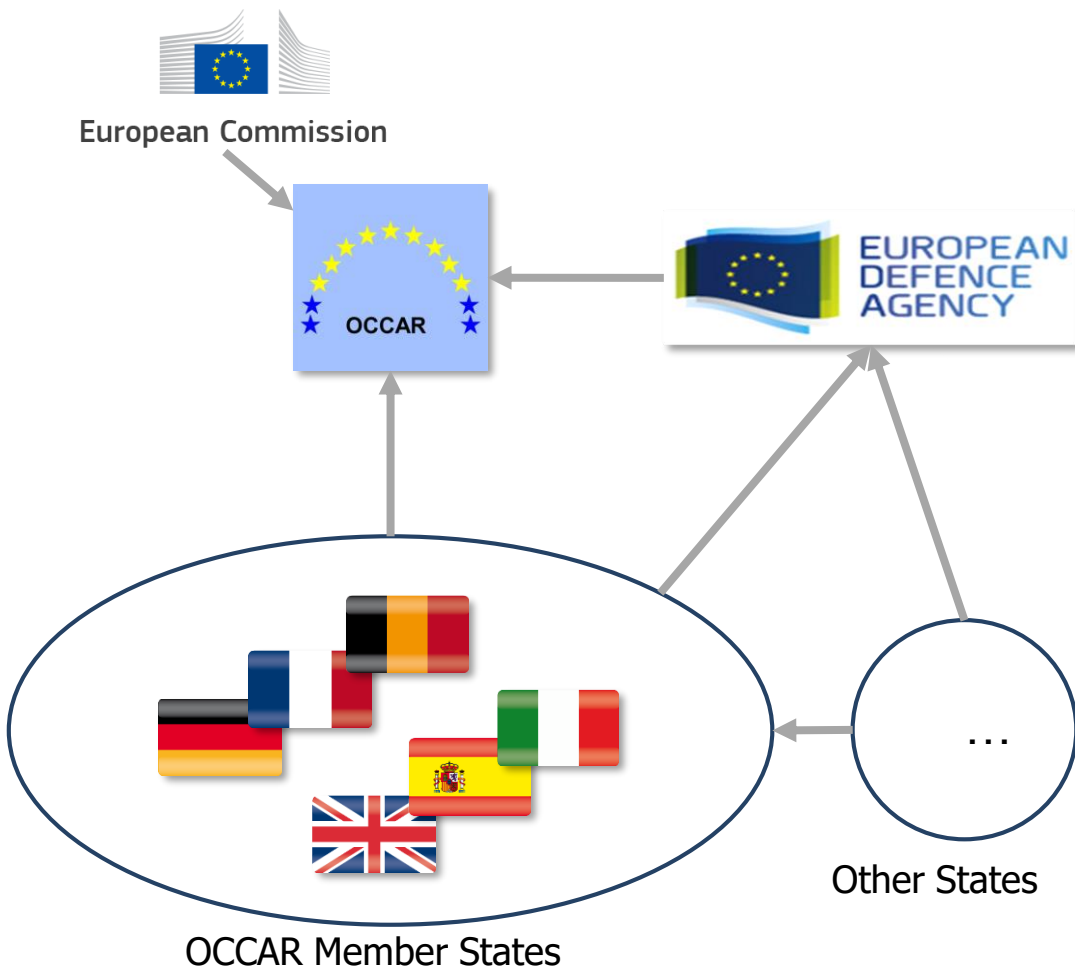


German A400M flight transporting supplies from Eindhoven to the disaster on St Martin



Tourist evacuation from Curaçao

OCCAR is ready for future programs and to play its role for a common European defence



OCCAR is mentioned in all EU initiatives on defence and security:

- **EDF:** the European Defence Fund (EDF) will provide new opportunities for European armament cooperation that **can be supported by OCCAR as a management organisation.**
- **EDIDP:** OCCAR is recognised by the EDA as **project management organisation** for two direct award projects, MALE RPAS Medium Altitude Long Endurance Remotely Piloted Aircraft System and ESSOR.
- **PESCO:** OCCAR has been named by the EU Nations as the preferred management organisation.

Contribution agreement

The European Commission and OCCAR are negotiating a “**Contribution Agreement**” per direct award programme with the EU: one for ESSOR European Secure Software defined Radio and one for the MALE RPAS, to be signed before the end of 2020.

Its purpose is:

- The purpose of the Contribution Agreements is to **entrust tasks to OCCAR and provide a financial contribution for their implementation. The Agreement establish the rules for the implementation and for the payment of the EU Contribution**, and define the relations between OCCAR and the European Commission in the award and management of the **ESSOR and MALE RPAS Grant Agreements**.
- OCCAR shall be responsible for the performance of the obligations under this Agreement with a due degree of professional care and diligence.



**OCCAR is a
lean & flexible European organisation,
offering
a modern, through-life programme management &
governance framework**

It is key to Europe's defence future

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