

S-Series Keynote Address

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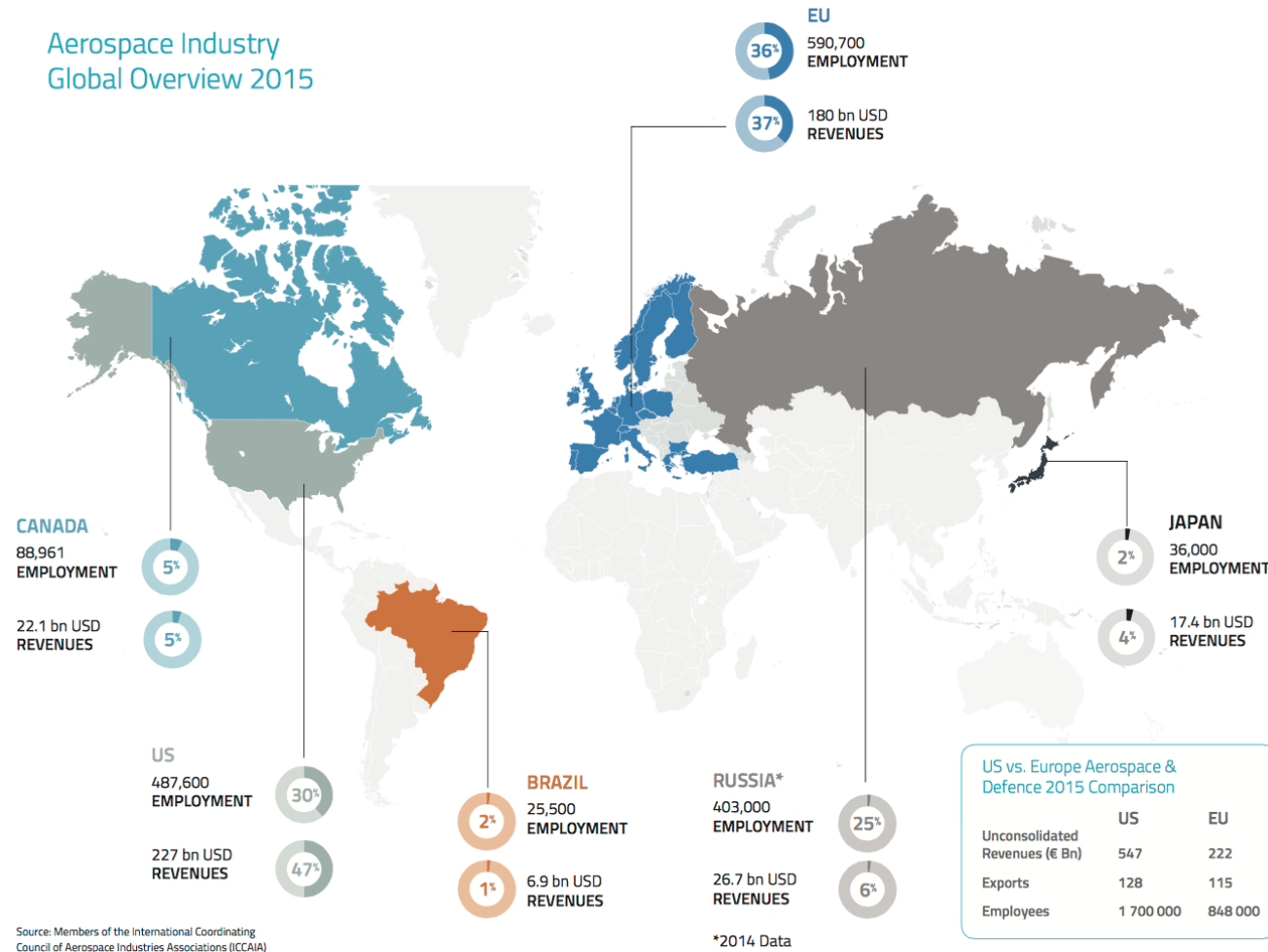
Agenda

- Honour and a Privilege
- Thanks to AIA Team for Conference so far
- Worldview or “*Weltanschauung*”
- Third Offset
- European and UK Response
- Importance of Standards
 - How to get involved
- London 2019

Contribution to the Global Economy

Share of Civil Aerospace Industry in the Global Market (ICCAIA members)

Aerospace Industry Global Overview 2015



European Aerospace & Defence Industry Turnover

INDUSTRY TURNOVER

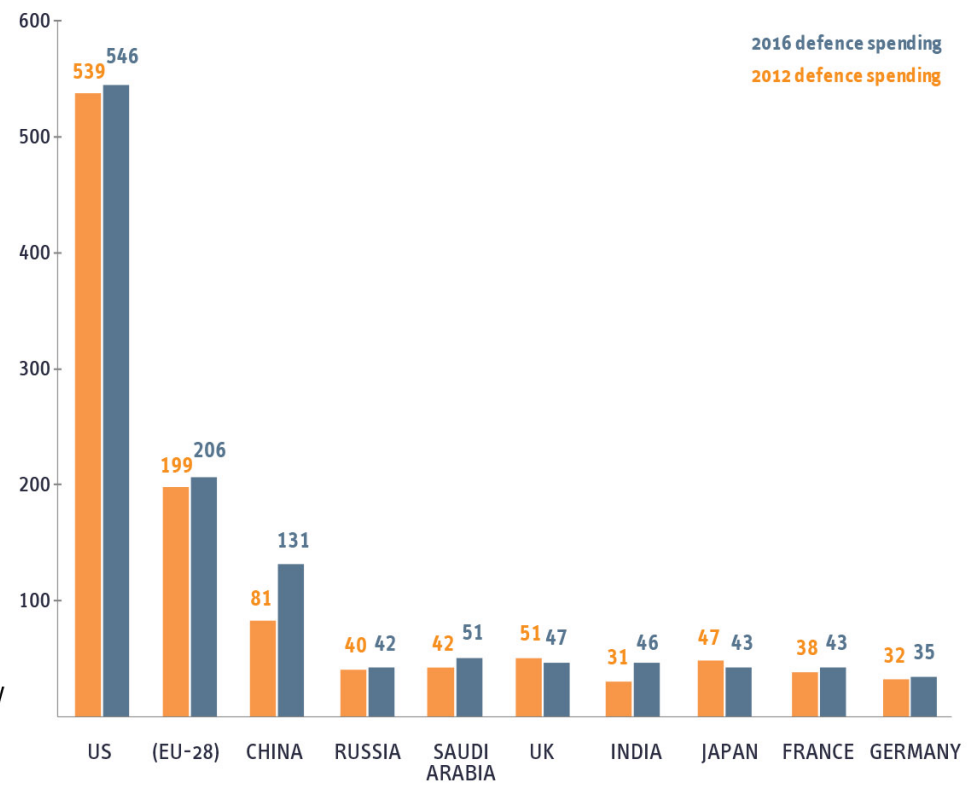
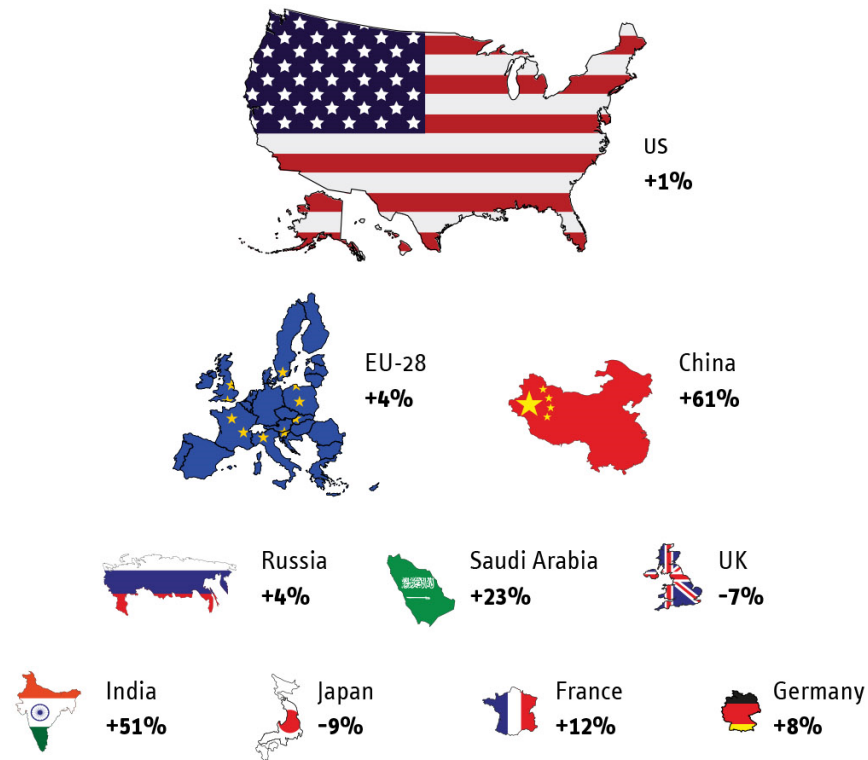


CIVIL AERONAUTICS	€113,4 BILLION
LAND & NAVAL	€53 BILLION
MILITARY AERONAUTICS	€48,3 BILLION
SPACE	€7,5 BILLION

World Military Expenditure

Who are the largest defence spenders around the globe? (2012 vs 2016 levels)

(current € billions)

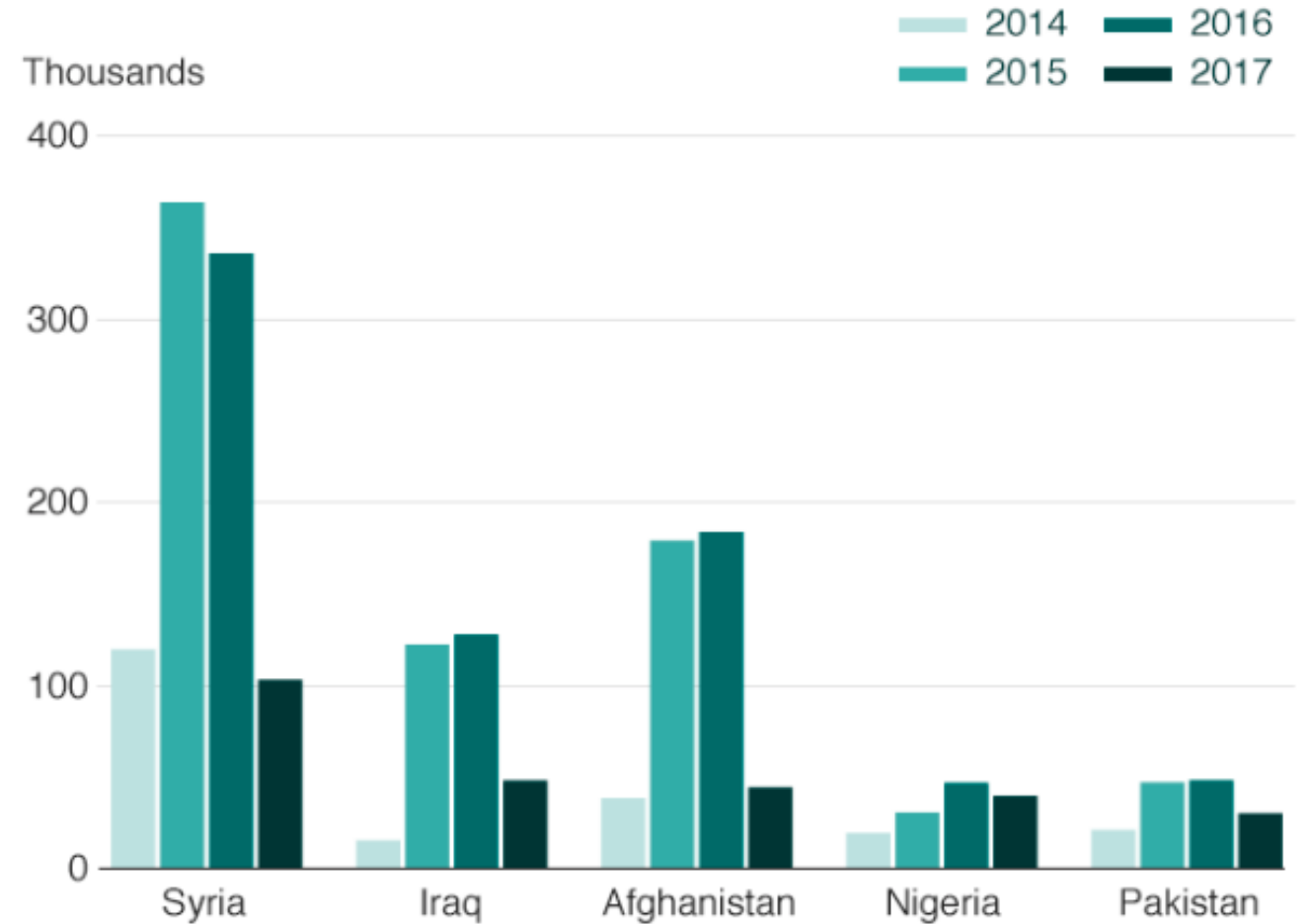


Data source: IISS *Military Balance* 2013/2017

Conflict

- Middle East – The West has focussed here for 25 years at least:
- Asymmetric war
 - Two Gulf wars
 - Afghanistan
 - Libya
 - Syria, civil war - 350,000 dead

Asylum applications by country of origin



Source: Eurostat



Conflict

- Russia
 - Annexation of Crimea
 - Sanctions



Conflict

- Russia
 - Novichok Poisoning
 - Expulsion of diplomats



Conflict



Russia prepares for vast military exercise in far east

Russia has launched its largest military exercise since the Cold War, amid heightened tensions with Nato.

Large troop formations are being sent to Russia's far east, for Vostok-2018.

🕒 11 Sep 2018

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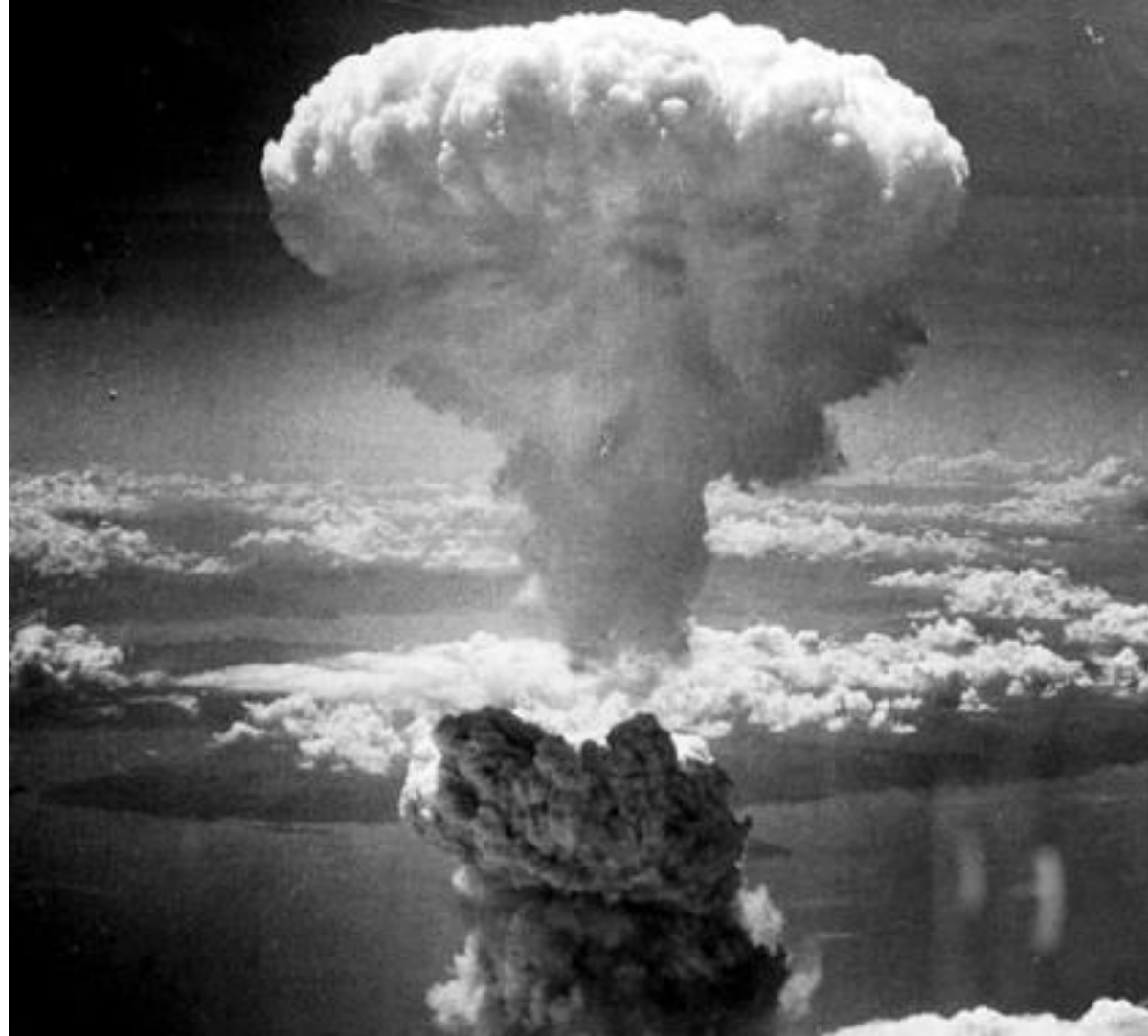
Response

- Deployment
- UK Troops - Germany



Royal Air Force Eurofighter Typhoon fighter jets fly above the Mihail Kogalniceanu airport, eastern Romania, April 27, 2018. Credit: Vadim Ghirda/AP

First Offset



Second Offset



Third Offset



ASD Membership

Companies



National Associations



BREXiT Options



BREXiT means BREXiT

1. Leave with a deal
2. Leave without a deal
3. Stay in the EU
4. Second Referendum

FREXiT Options



Non!

Defence Support Network



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Resources



Etihad – The Army

Old Trafford – Navy and Airforce





DEFENCE SUPPLIERS FORUM

FIRST MEETING 2018

21 May 2018

5th Floor, Pepys Suite, MOD Main Building

Government

Rt. Hon Gavin Williamson MP	Secretary of State for Defence (Chair)
Guto Bebb MP	Minister for Defence Procurement
Richard Harrington MP	Minister for Business and Industry
Sir Simon Bollom	CEO Defence Equipment and Support
Andrew Forzani	Chief Commercial Officer
Huw Walters	Director Economic Security and Prosperity
Tina Kent	Defence Strategy and Priorities Head
Lisa Hole	Industrial Policy Head
Simon Everest	DIT Defence and Security Organisation Head
Keith Hodgkinson	BEIS Deputy Director, Advanced Manufacturing Service

Industry

Charles Woodburn	CE, BAE Systems
Archie Bethel	CEO, Babcock International Group
Andrew Cowdery	Head of Government Relations, Leonardo MW Ltd.
Victor Chavez	CE, Thales UK
Peter Ruddock	CE, Lockheed Martin UK
Kevin Craven	CEO, SERCO, UK and Europe
Steve Rowbotham	COO, General Dynamics UK
Simon Fovargue	VP, DXC Technology
David Pitchforth	VP, Boeing Defense, Space & Security Global Operations
Chris Allam	MD, MBDA
Bob Stoddart	Director Customer Business Defence, Rolls-Royce
Steve Wadey	CEO, QinetiQ
Jeremy Greaves	VP Communications, Airbus

Representative from the Mid-Tier Forum

Nick Elliott	DG Commercial, DE&S
Alan Buckland	CEO, Atkins Global
Muir Macdonald	Mid-Tier Representative

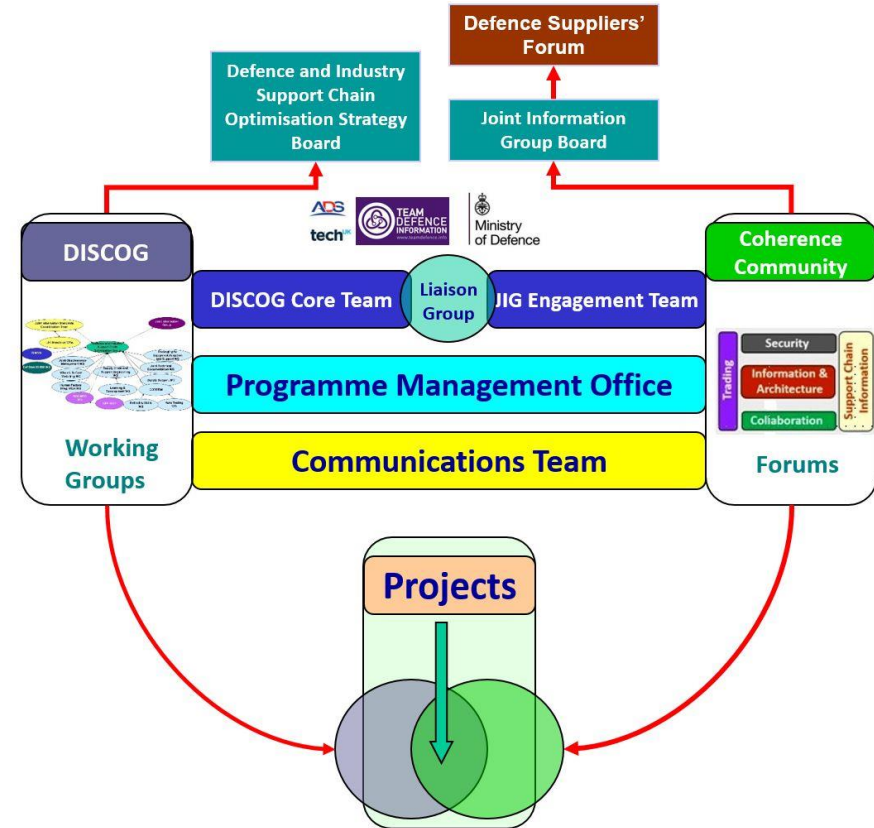
Representative from the SME Forum

Andy Tuscher	Director, EEF
Matthew Goodwin	MD, Goodwin International

Apologies

Colin Paynter	MD Defence and Space, Airbus Group UK
Norman Bone	Chairman, Leonardo MW

Doing much more with Less



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Underpinning Architecture

Setting out a strategic intent to enable the vision

5 'enduring' goals to drive strategic action

Strong & responsive cyber defence

Intelligence led approach to anticipate & respond to dynamic risks

Fast delivery of transformative services

Deploy new capability with a 'fast to market' & adaptive approach.

A capable & cohesive IT Function

*A single function acting together to drive strategy
Develop the right skills & and work environment*

Silent Running

A trusted track record of consistent & reliable delivery.

Market Competitive business efficiency

*Simplify & automate business processes
Transparent, benchmarked IT costs*

Working Group on Data Exchanges

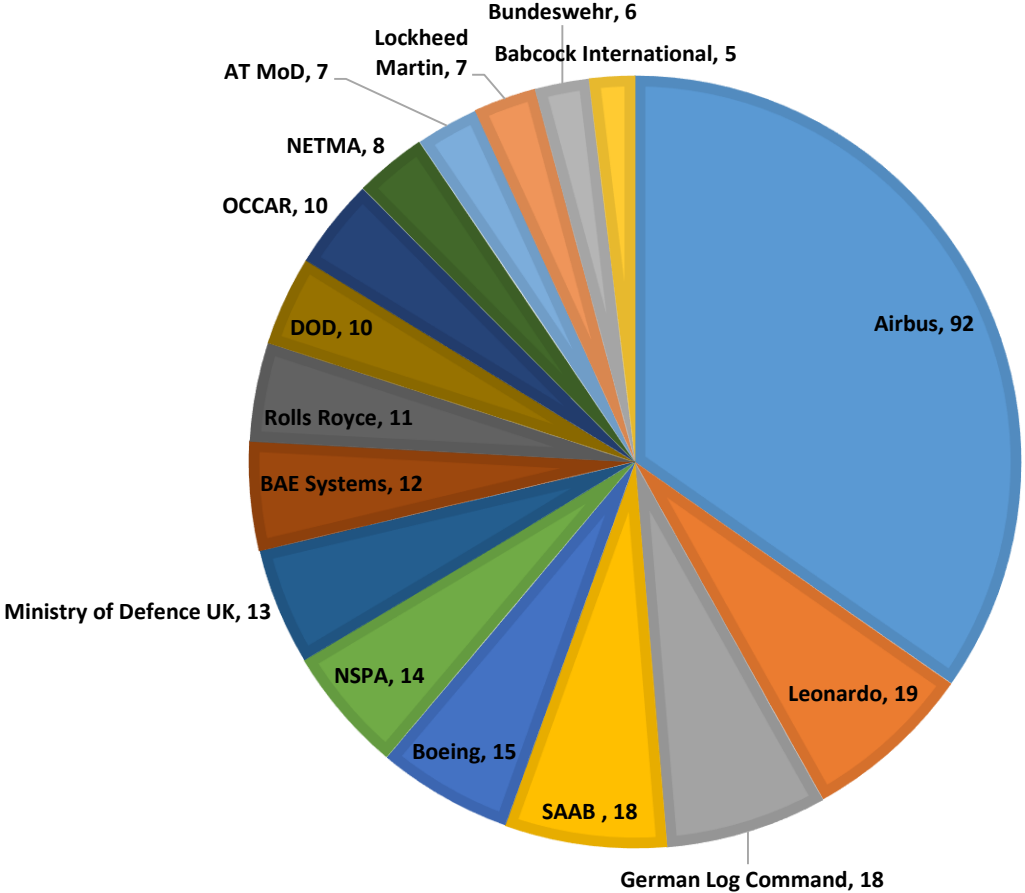


UK MoD

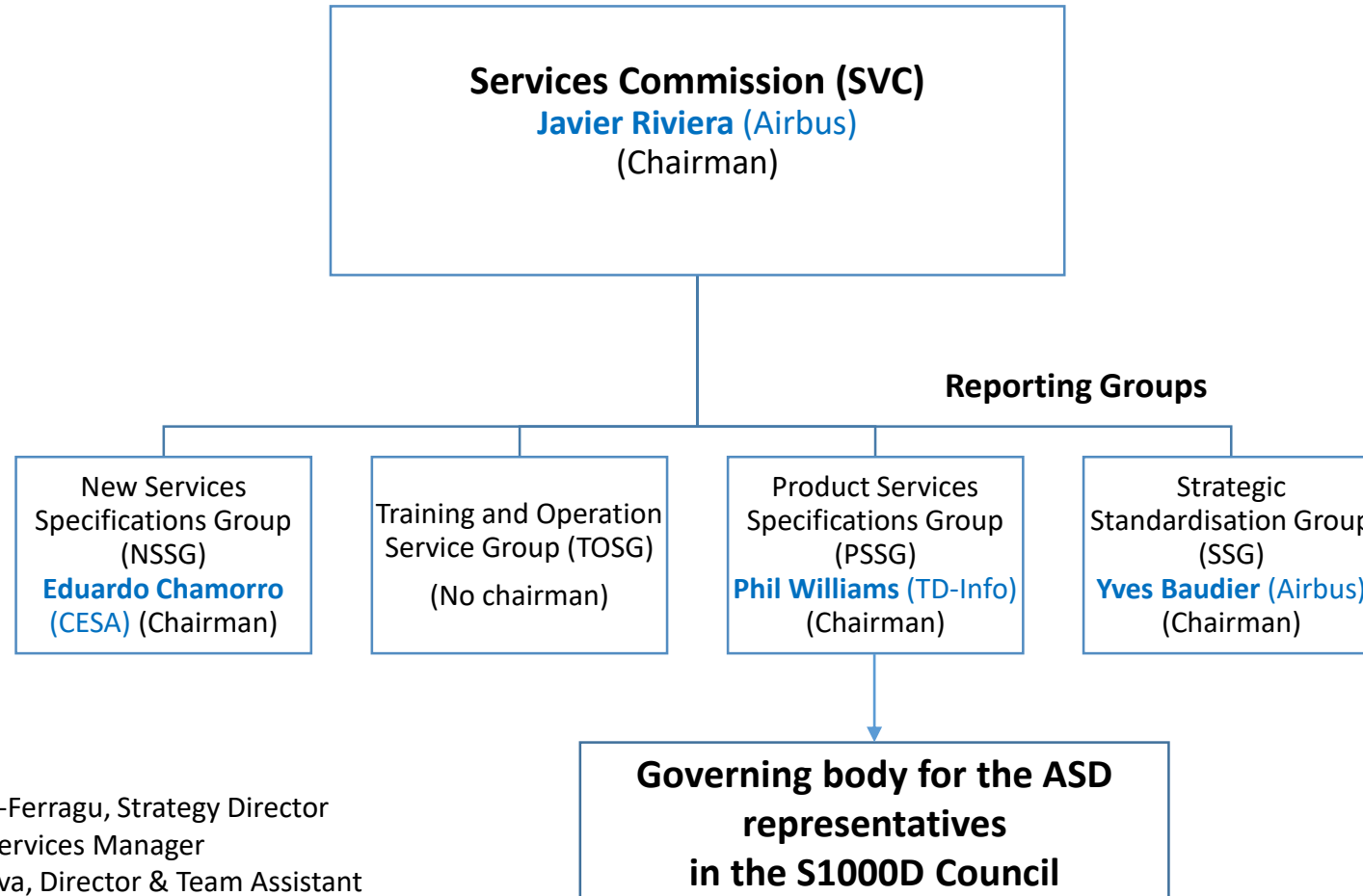
- ***Adopting S-series to support QE Class***

Getting Involved

STANDARDS INVOLVEMENT BY COMPANY



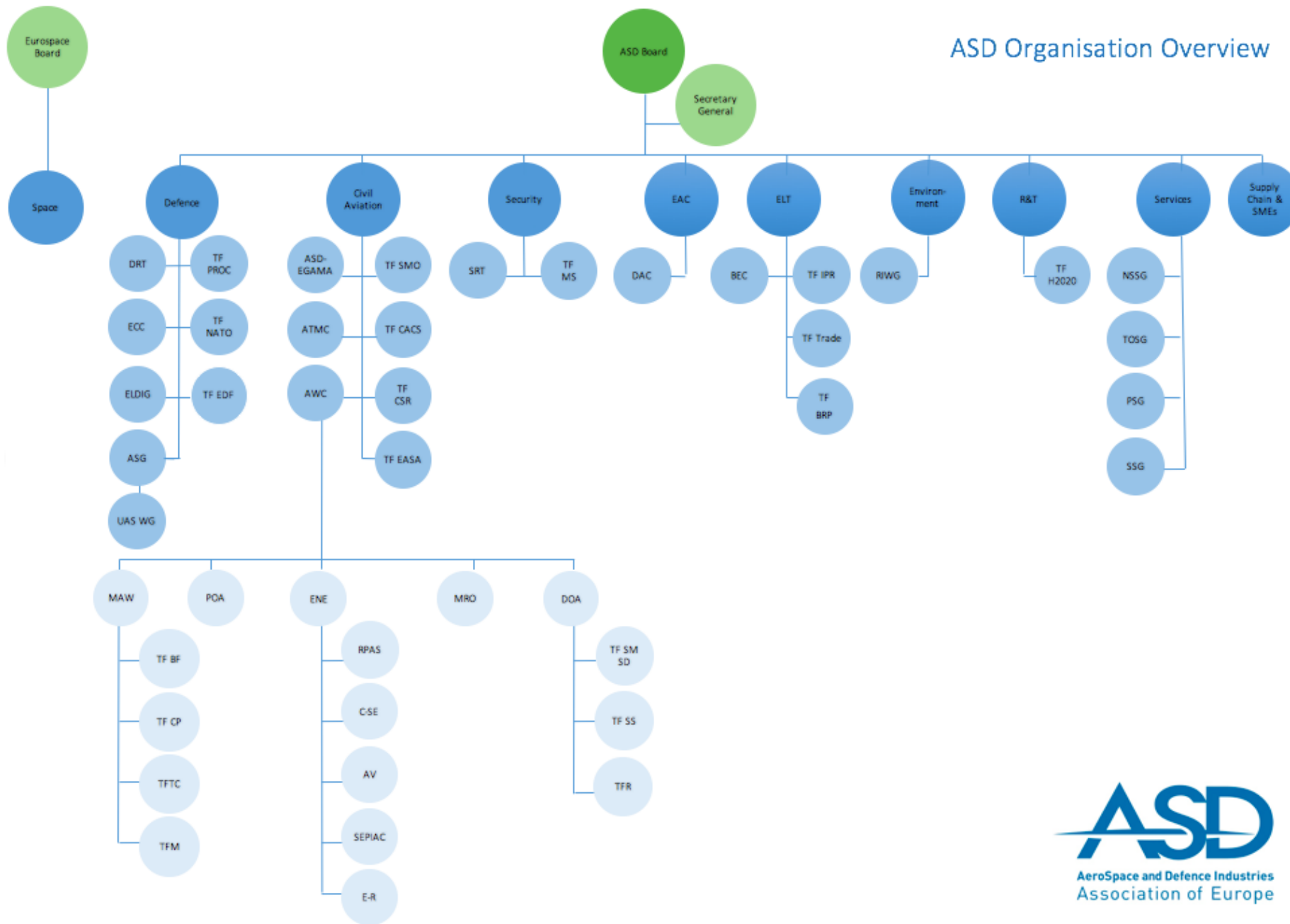
Services Commission (SVC)



ASD Staff

Agnès Paloméros-Ferragu, Strategy Director
Ana Chirulescu, Services Manager
Michaela Vituskova, Director & Team Assistant

ASD Organisation Overview



Final Messages

We live in uncertain & Complex times

Collaboration is ever more vital

Need to agree on a set of Standards!

Further Final Message

User Forum 2019

The S1000D User Forum, October 2019, will include the attendance at two major London venues. These venues are The Institution of Engineering and Technology (IET) building and the Royal Air Force Museum.

For further information on these two sites, please visit their websites:

<https://savoyplace.theiet.org/>

and

<https://www.rafmuseum.org.uk/London/>



London Attractions

The IET building is ideally situated along the River Thames. Nearby there are a number of famous London landmarks that can be visited and experienced, including the following:

Big Ben – London’s iconic 16-storey timepiece and national symbol

London Eye – The riverside observation wheel, visible from the IET balcony

Tower of London – A medieval castle that houses the Royal Crown

Buckingham Palace – The gorgeous home of the British Queen and State Rooms



Thank you

for your attention!

Questions?