



DEFENCE AND SPACE

2024

AIRBUS

Airbus is a global aerospace pioneer

Airbus operates in the commercial aircraft, helicopter, defence, security and space sectors. With strong roots in Europe, we have become truly international.



Our purpose

We pioneer sustainable aerospace for a safe and united world

Leading the journey towards clean aerospace

Helping customers defend their values

Connecting and uniting people across the globe

Leading the journey towards clean aerospace



Delivering and improving fuel-efficient products

Investing in future technologies

Promoting greater uptake of sustainable aviation fuel

Reducing the Company's industrial emissions

Supporting climate change monitoring

Helping customers defend their values



Safeguarding
airspace, citizens
and vital assets

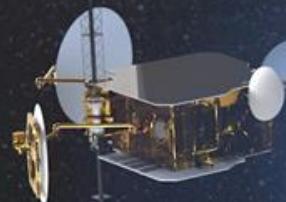
Responding to
humanitarian
emergencies

Enabling search
and rescue
operations

Providing secure
communication
systems

Providing
cyber security

Connecting and uniting people across the globe



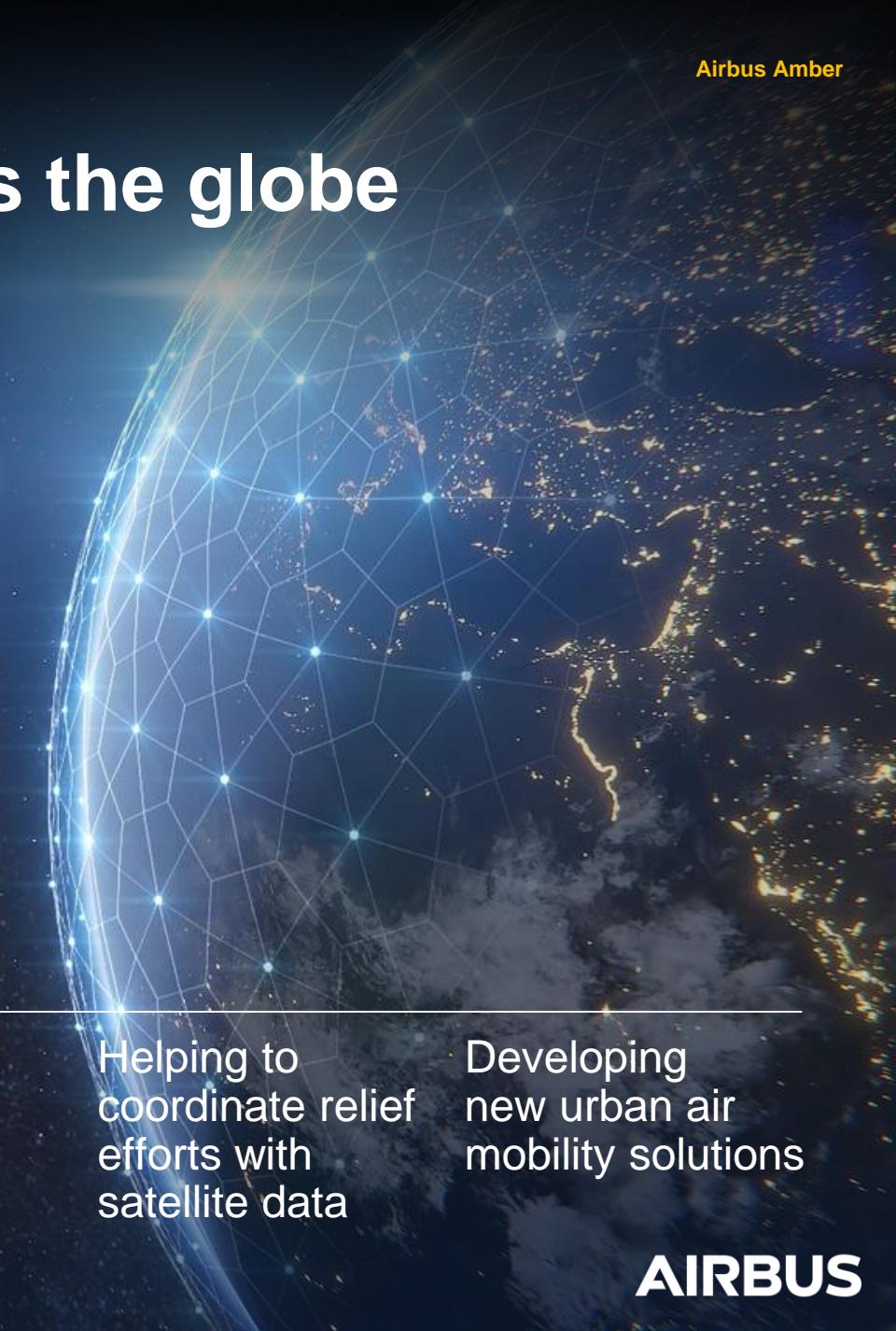
Providing fixed and rotary wing aircraft serving destinations worldwide

Linking the globe through digital connectivity solutions

Enabling satellite navigation for land, maritime and air transport

Helping to coordinate relief efforts with satellite data

Developing new urban air mobility solutions



Sustainability embedded in our purpose and strategy

The Airbus sustainability commitments:

Lead the journey towards
clean aerospace

Respect human rights
and foster inclusion

Build our business on the
foundation of safety & quality

Exemplify business
integrity

Airbus Defence and Space at a glance



End 2023 Employees
35,525

Source: Annual press conference 2024

2023 Revenues
€11.5 bn

End 2023 Order Book
€42.2 bn

AIRBUS

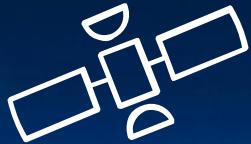
Airbus Defence and Space: our core programmes

Source: Airbus as of end 2022



Air Power

Partnering with armed forces
to deliver mission-ready aircraft



Space Systems

Reaching for the stars
to protect, serve and
explore



Connected Intelligence

Providing secured communications
and intelligence for better decisions

180

locations around the world

2,000+

customers and partners

1,985+

aircraft delivered

150+

satellites built and launched

We are a reliable partner



For governments, institutions and enterprises across industries



Ministries of
Defence



Armament
Agencies



Emergency
services



Corporations &
small enterprises



Armed
Forces



Satellite
Operators

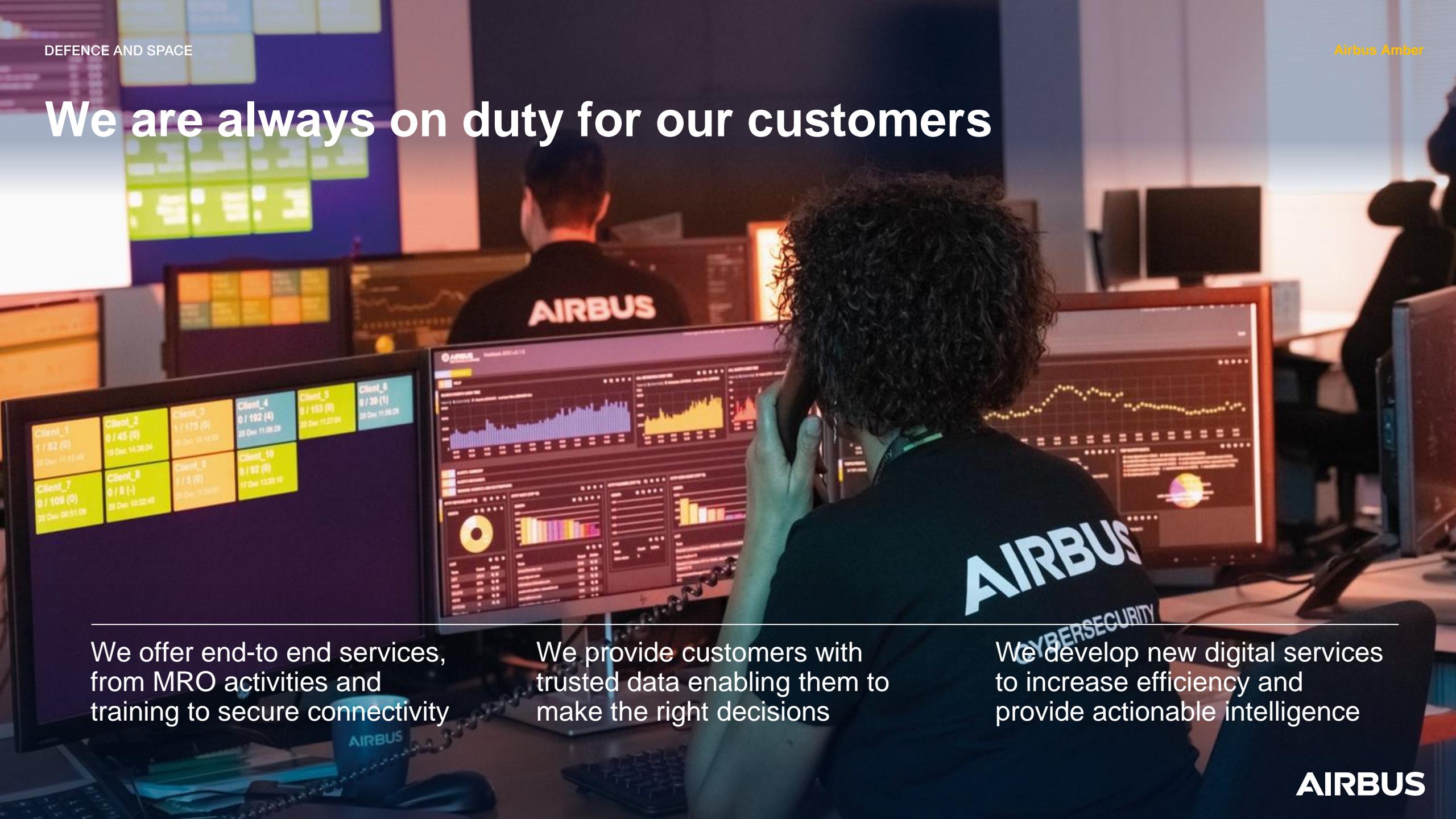


Space
Agencies



Aerospace
Industry

We are always on duty for our customers

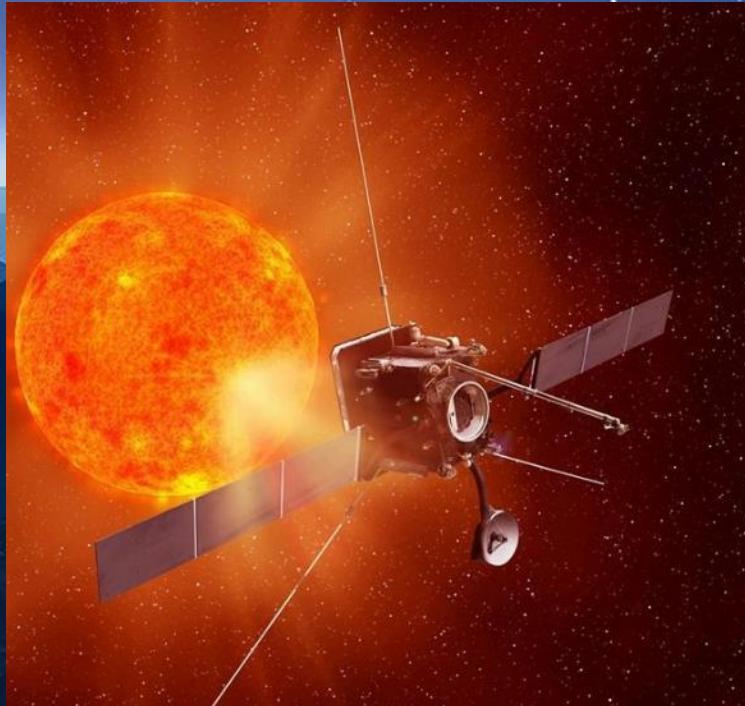


We offer end-to-end services, from MRO activities and training to secure connectivity

We provide customers with trusted data enabling them to make the right decisions

HYPERSECURITY
We develop new digital services to increase efficiency and provide actionable intelligence

We nurture innovation and deliver new technologies



We develop technologies that allow humankind to explore space and build the module that will propel the first woman to the moon



We have pioneered automatic air-to-air refuelling operations and we are advancing new, disruptive autonomous capabilities



We are re shaping Earth Observation with the world's first optical commercial satellites to embark Space-Data-Highway

We foster Europe's strategic autonomy

Our products and services are used to safeguard Europe's citizens and secure the airspace

We enable independent access to space, from traditional spacecraft and satellites to micro-launchers

We are building the next generation of platforms and systems for European defence

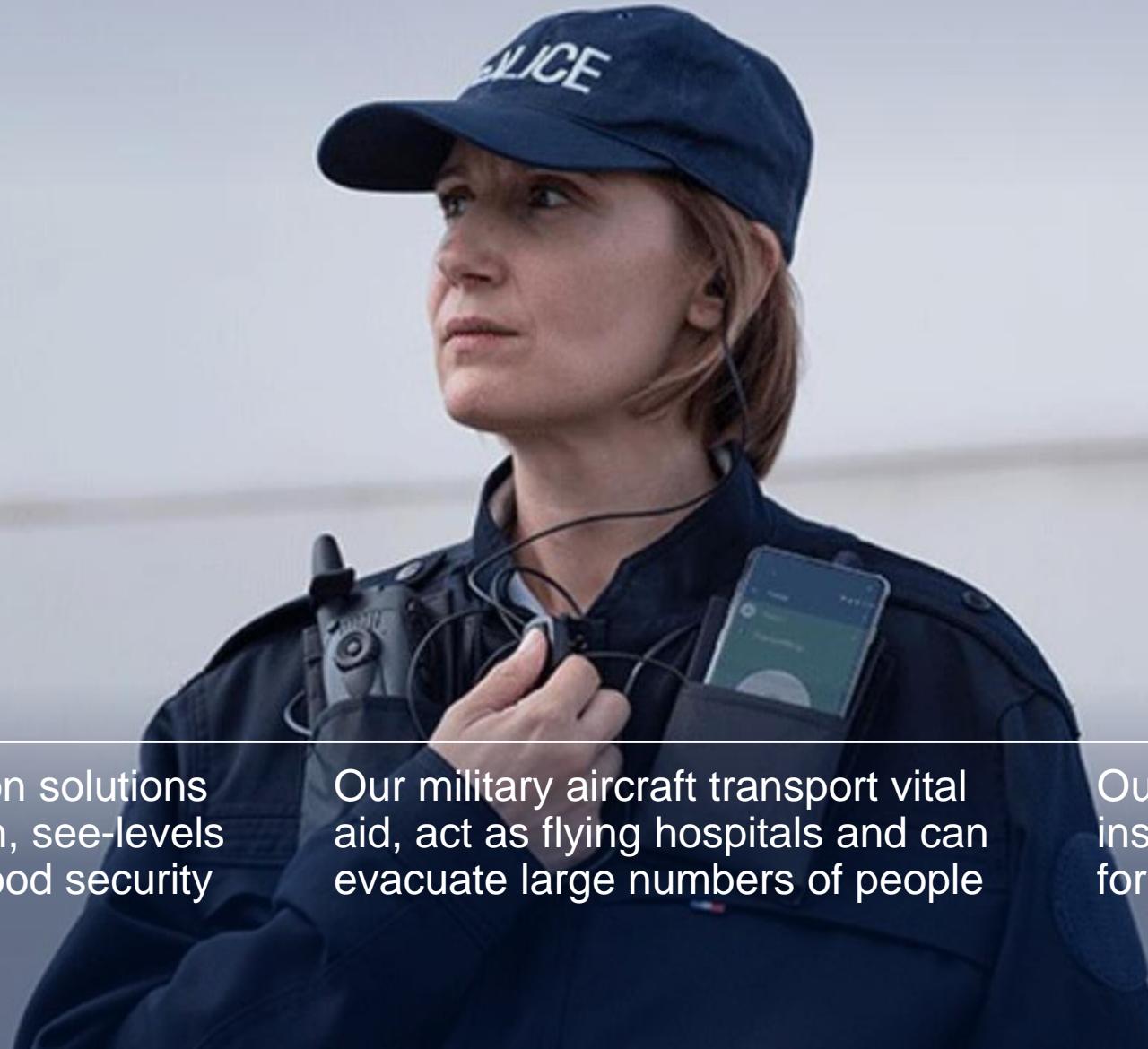
Shaping Europe's largest defence programme: Future Combat Air System (FCAS)

Within FCAS, New Generation Fighters and unmanned Remote Carriers will fight as one

The air platforms will be securely connected and orchestrated through a Multi-Domain Combat Cloud

Other assets from land, sea, space and cyber domains will be part of this system of systems

We strengthen societal resilience as a whole



Our Earth-observation solutions monitor deforestation, sea-levels and support global food security

Our military aircraft transport vital aid, act as flying hospitals and can evacuate large numbers of people

Our systems provide secure, instant group communications for public safety organisations

Executive Committee Airbus Defence and Space



**Michael
Schoellhorn**

Chief Executive Officer
Airbus Defence and Space



**Penelope
Jane Basson**

Head of Transformation
and Corporate Secretary



**Ben
Bridge**

Executive Vice President
Global Business



**Jesus
de Miguel**

Executive Vice President
Finance



**Jean-Brice
Dumont**

Head of Air power



**Karen
Florschütz**

Head of Connected
Intelligence



**Marcella
Hoffmann**

Executive Vice President
Human Resources



**François
Lombard**

Head of Strategy



**Johannes
Müller**

Head of Sustainability and
Communications



**Alain
Fauré**

Head of Space Systems



**Andreas
Riecker**

General Counsel,
Head of Legal & Compliance



**Lionel
Rouby**

Head of Digital



**Francisco Javier
Sánchez Segura**

COO

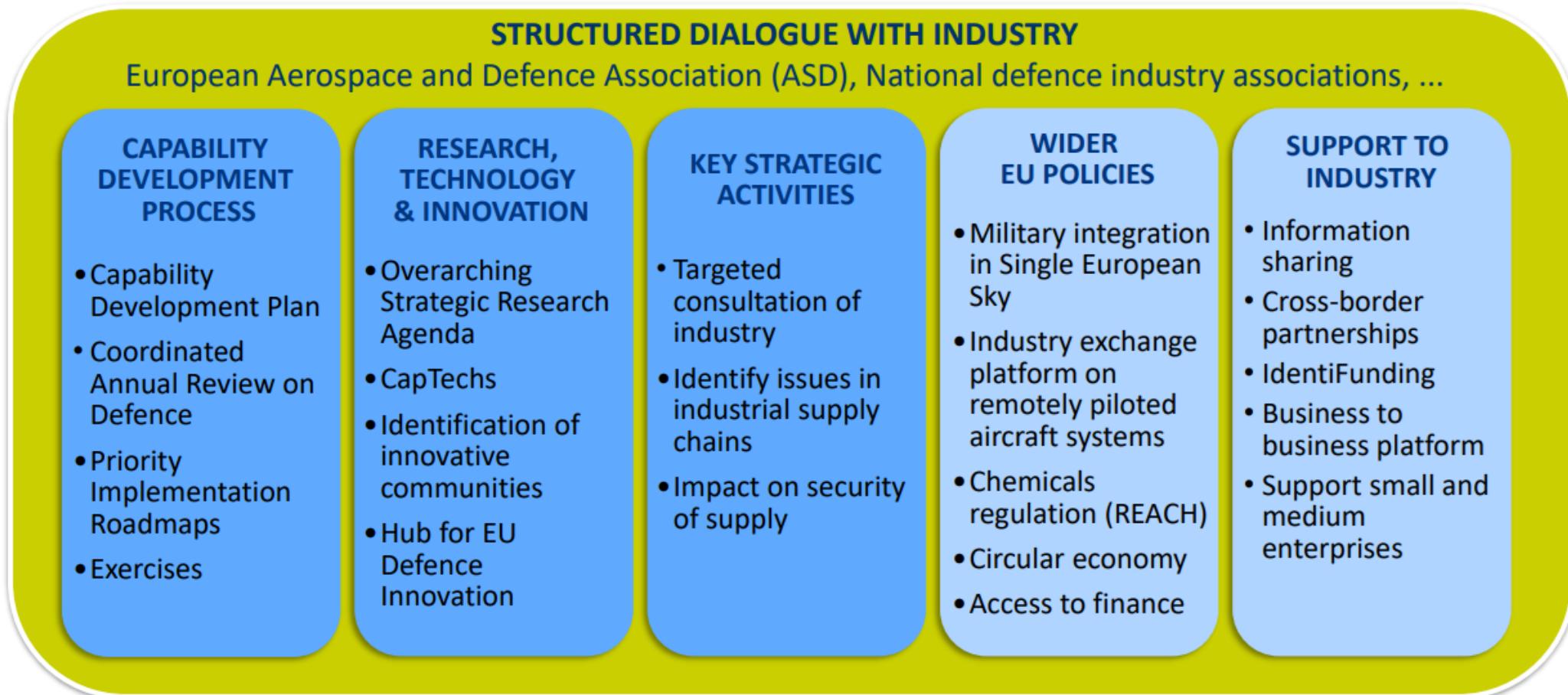
Focus on selected Technology Enablers

- AI
- QT
- Materials and production technologies
- Semiconductors, certifiable to highest standards (DAL A)
- Navigation in GNSS denied areas
- Production Capacity for Collaborative Combat Aircraft (CCA) and common components, parts and engines

Creation of platform agnostic CCA production capacities, focusing also on a quick ramp-up of UAS components (incl. sensors, assemblies, engines, etc.).

Get engaged at EDA, European Defence Agency via BMLV

Industry engagement: industry in EDA's core business



Get engaged at EDA, European Defence Agency via BMLV



News and Events What we do Who we are Publications & Data

Careers Procurement Portals



Home > What we do > Research & Technology > Capability Technology Areas (CapTechs)

CAPABILITY TECHNOLOGY AREAS (CAPTECHS)

EDA has established a number of specific Capability Technology groups ('CapTechs') to undertake research & technology (R&T) activities in response to agreed defence capability needs. They also contribute to Agency projects and programmes from wider policy areas with their specific expertise.



One of the principal roles of the CapTech is the identification of technology gaps and common areas of interest for cooperation. This is facilitated by the [Overarching Strategic Research Agenda \(OSRA\)](#), the R&T planning tool providing a shared vision of the most important challenges in the R&T domain in which a European collaborative approach would be beneficial to support the development of defence capabilities.

OSRA defines [Technology Building Blocks \(TBB\)](#) focused on specific defence R&T areas. Developed in the CapTechs, each TBB provides an in-depth assessment including a roadmap with concrete project ideas.

In total there are 15 CapTechs, located in the Research, Technology and Innovation (RTI) Directorate. The CapTech membership is drawn from governmental organisations, research and technology organisations (RTOs), industry, academia, as well as small and medium sized enterprises. Each CapTech has a moderator appointed by the EDA who organises and chairs the meetings and who is responsible for the day to day activities of the CapTech.

QUICK LINKS

- [All activities](#)
- [Industry, Synergies & Enablers Directorate \(ISE\)](#)
- [Capability, Armament & Planning Directorate \(CAP\)](#)
- [Research, Technology & Innovation Directorate \(RTI\)](#)
- [Poster: Defence Energy and Environment Projects](#)

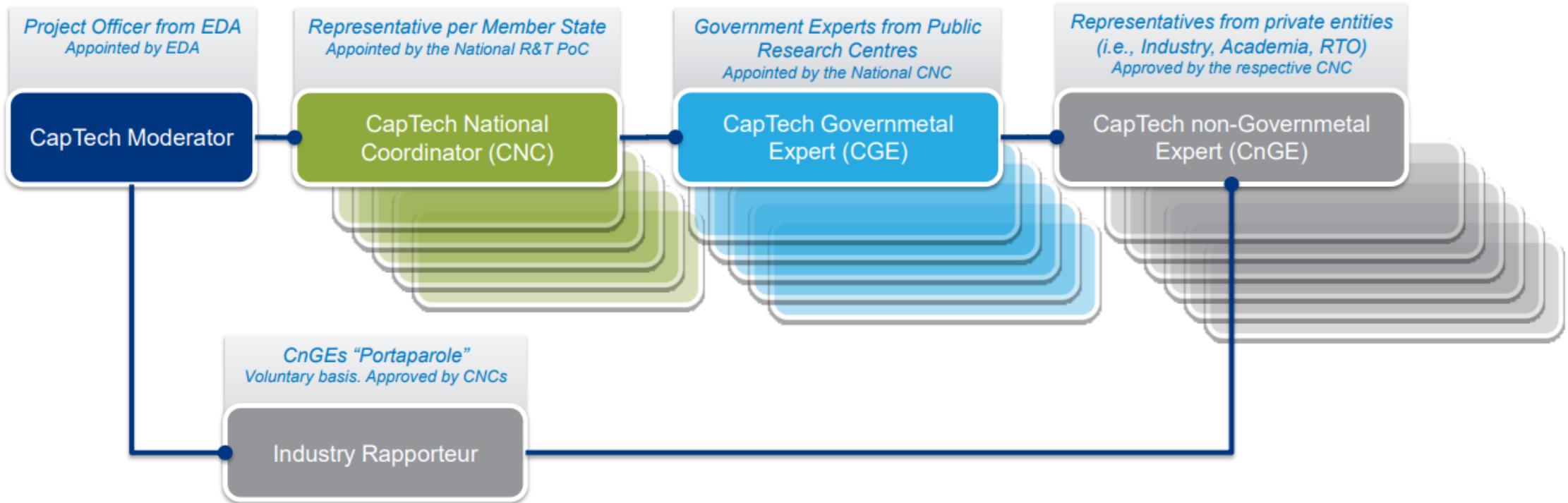
List of CapTechs

1. [CapTech Technologies, Components and Modules](#)
2. [CapTech Radio Frequency Sensors Technologies](#)
3. [CapTech Electro Optical Sensors Technologies](#)
4. [CapTech Communication Information Systems and Networks](#)
5. [CapTech Materials and Structures](#)
6. [CapTech Missiles and Munitions](#)
7. [CapTech Aerial Systems](#)
8. [CapTech Ground Systems](#)
9. [CapTech Guidance, Navigation and Control](#)
10. [CapTech Naval Systems](#)
11. [CapTech Simulation Technologies](#)
12. [CapTech CBRN and Human Factors](#)
13. [CapTech Cyber Research & Technology](#)
14. [CapTech Energy and Environment](#)
15. [CapTech Space](#)

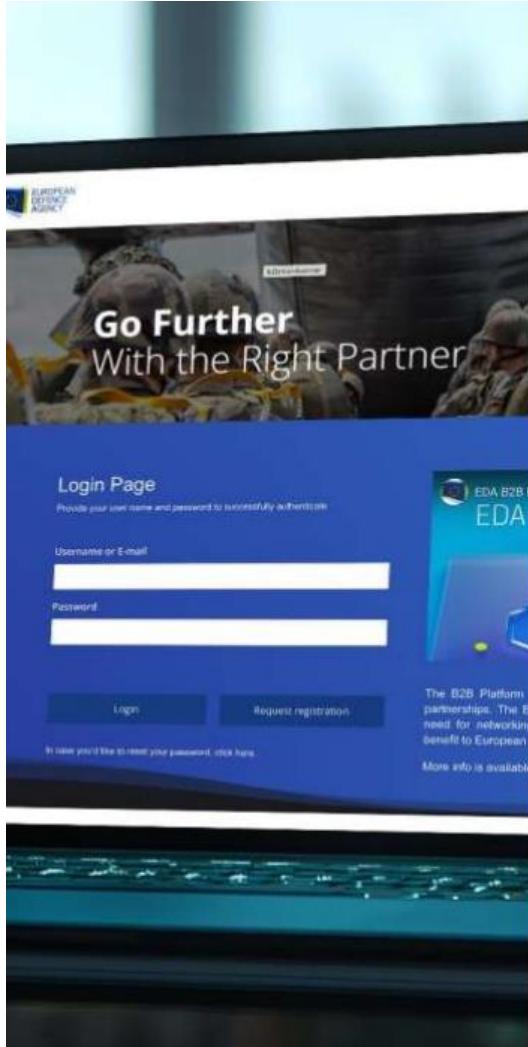
Get engaged at EDA, European Defence Agency via BMLV

CAPTECH STRUCTURE

Structure



Get engaged at EDA, find partners here:



EDA B2B Platform

- Web-based tool based on registration
- 800 members in the platform
- Industry including SMEs, RTOs, associations/clusters, academia
- Members from all EU MS and Norway
- No database, anonymous approach
- More information:
[B2B Platform \(europa.eu\)](http://B2B%20Platform%20(europa.eu))

Thank you

© Copyright Airbus Defence and Space 2024 / Airbus Defence and Space presentation

Confidential and proprietary document.

This document and all information contained herein is the sole property of Airbus. No intellectual property rights are granted by the delivery of this document or the disclosure of its content. This document shall not be reproduced or disclosed to a third party without the expressed written consent of Airbus. This document and its content shall not be used for any purpose other than that for which it is supplied.
Airbus, its logo and product names are registered trademarks.