



**ROYAL
AERONAUTICAL
SOCIETY**

[Airbus Amber]

Aviation Safety Perspective

Yannick Malinge
Senior Vice President
Head of Aviation Safety Governance, Airbus
Head of Aviation Safety, Airbus Commercial Aircraft

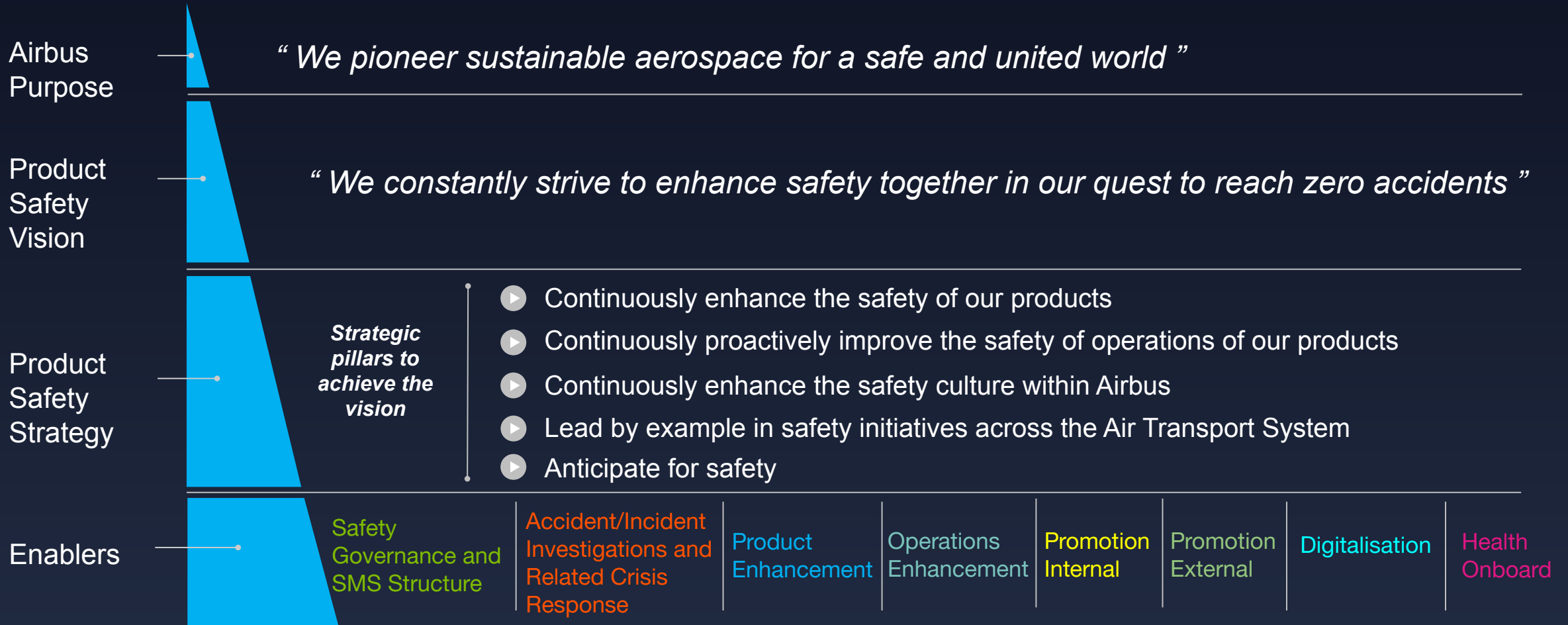
AIRBUS

Today's context

[Airbus Amber]

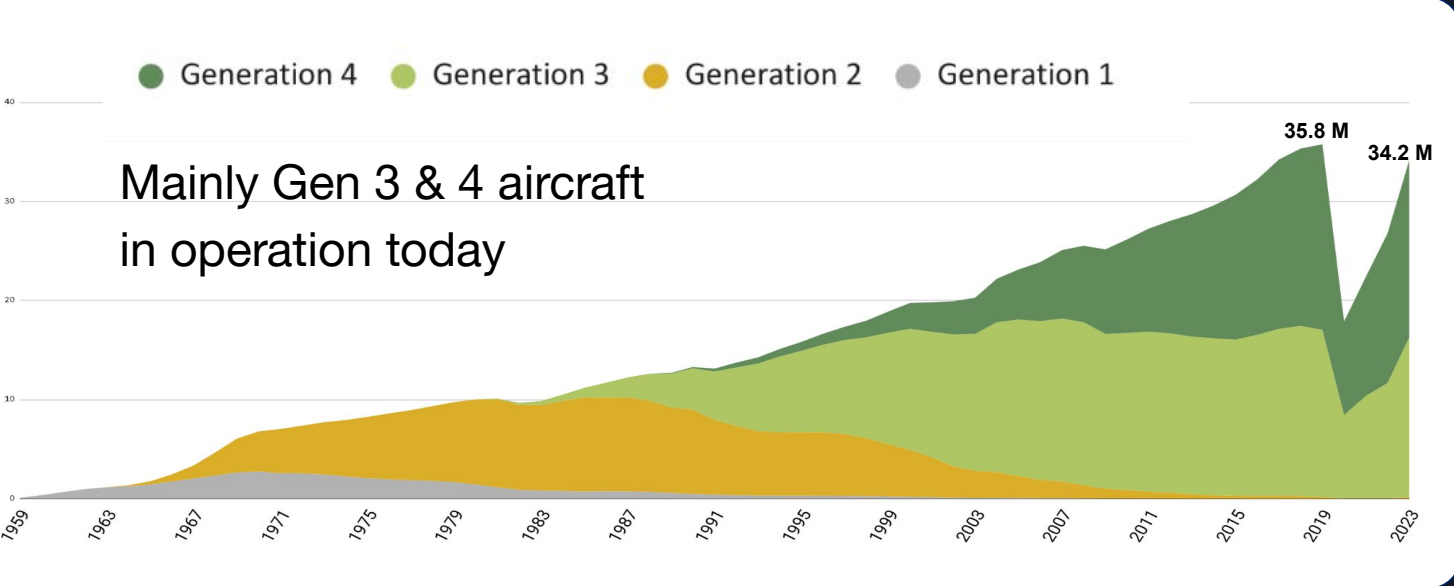
- Huge Traffic Demand
- Travelling public's expectation: **0** accidents
- Ramp up/Supply chain challenges
- Very dynamic geopolitical situations
- Erosion of aviation fundamentals
- **COMPLACENCY**





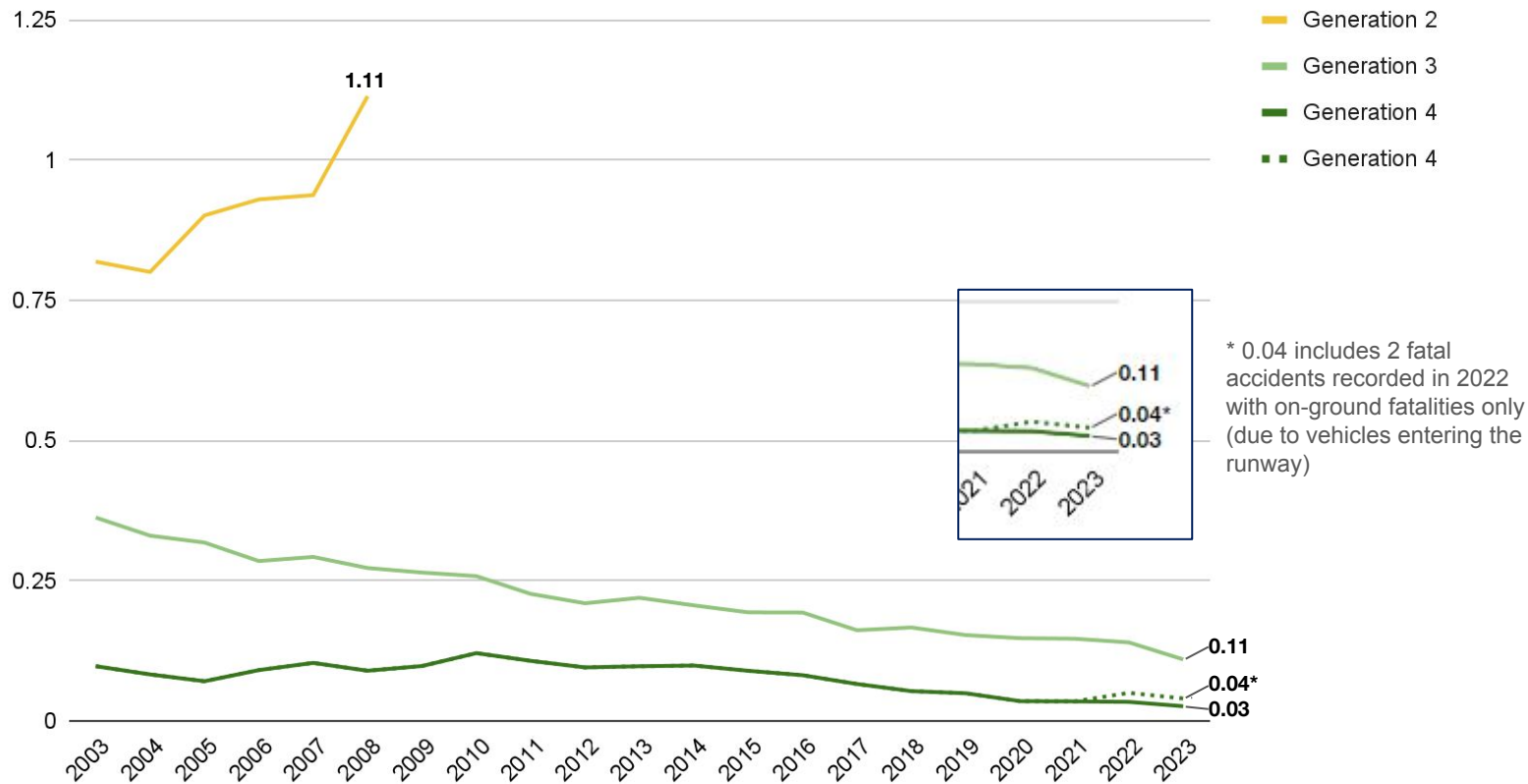
Evolution of Commercial Jet Aircraft (number of flights / year)

[Airbus Amber]



Fatal Accident Rate Evolution

10 Year Moving Average Fatal Accident Rate (per million flights) per Aircraft Generation



Technology safety benefits demonstrated

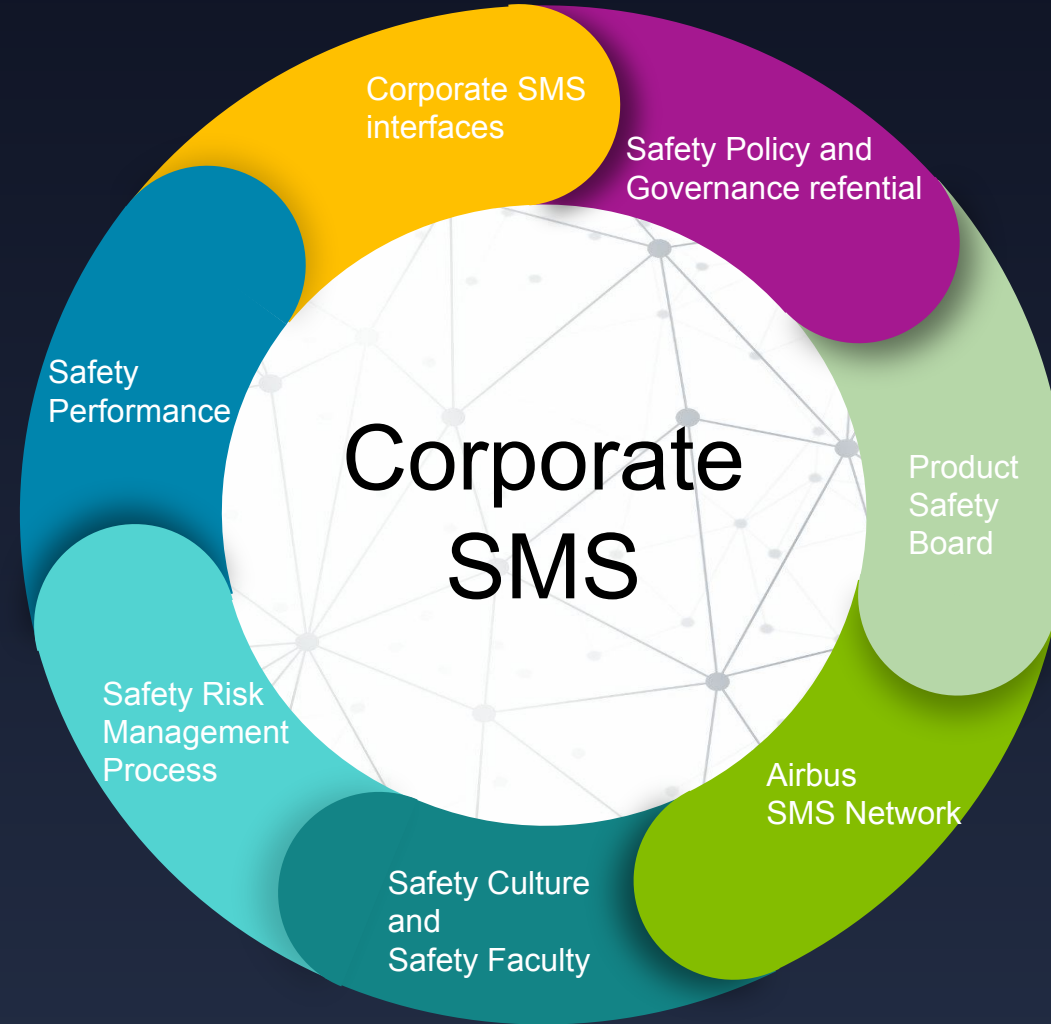
Current Airbus fleet:

- Manufacturing: 100% Gen 4 since 2007
- In service A/C: 98% Gen4

Airbus Safety Governance

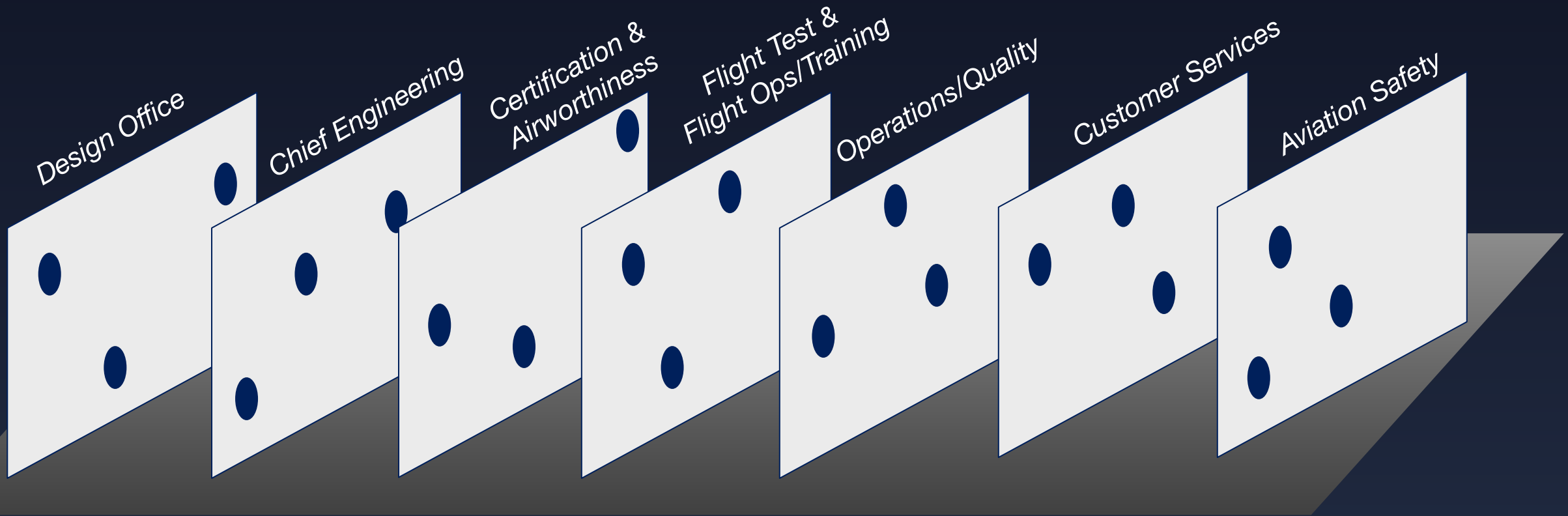
ONE safety Referential

ONE consistent approach for
Safety Risk Management



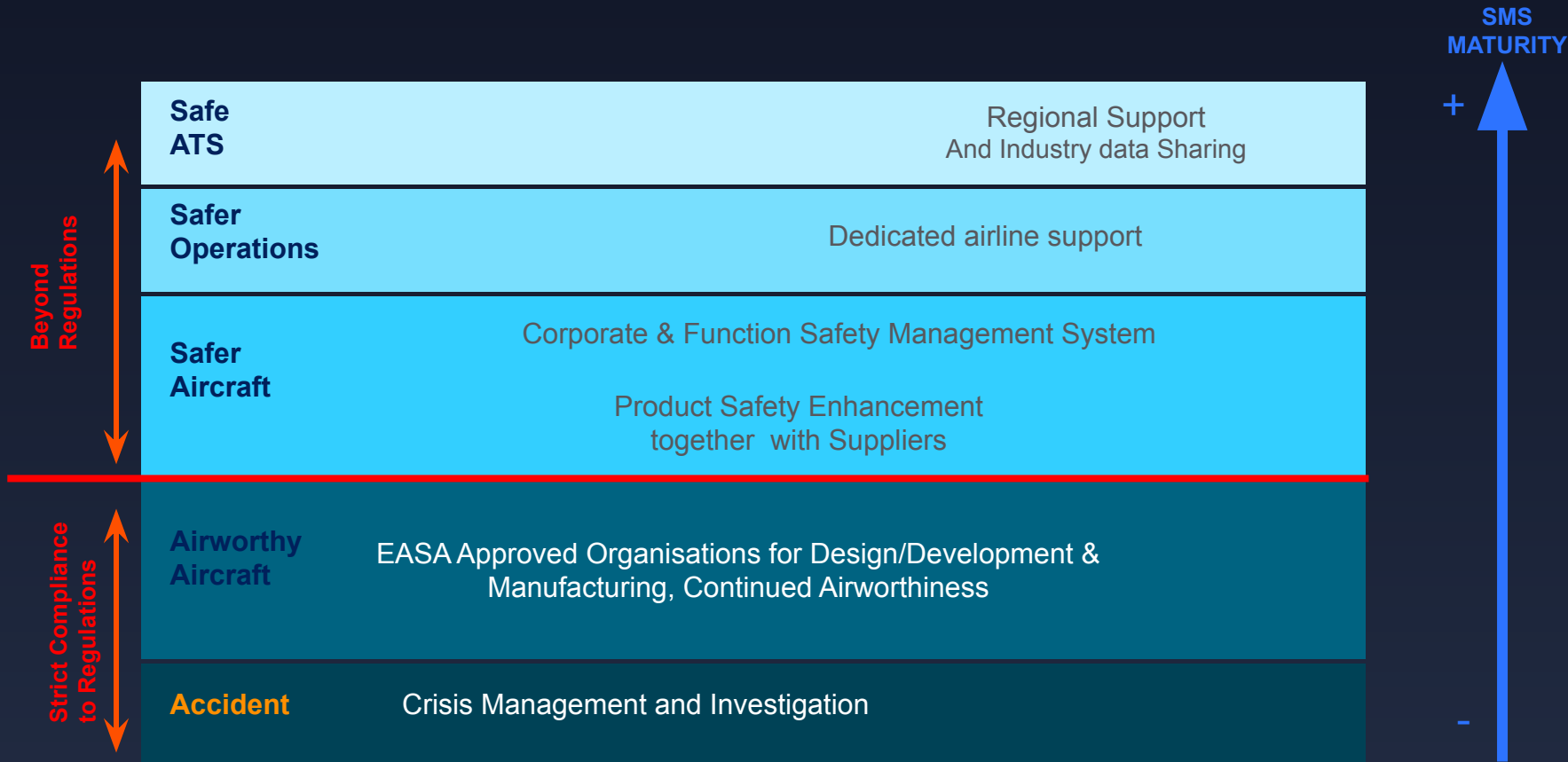
Parallel and Independent Safety Barriers (not exhaustive)

[Airbus Amber]



Including Approved Organisations (e.g. DOA, POA, ATO, CAMO) all along the applicable barriers

From Strict Compliance to Beyond Regulation

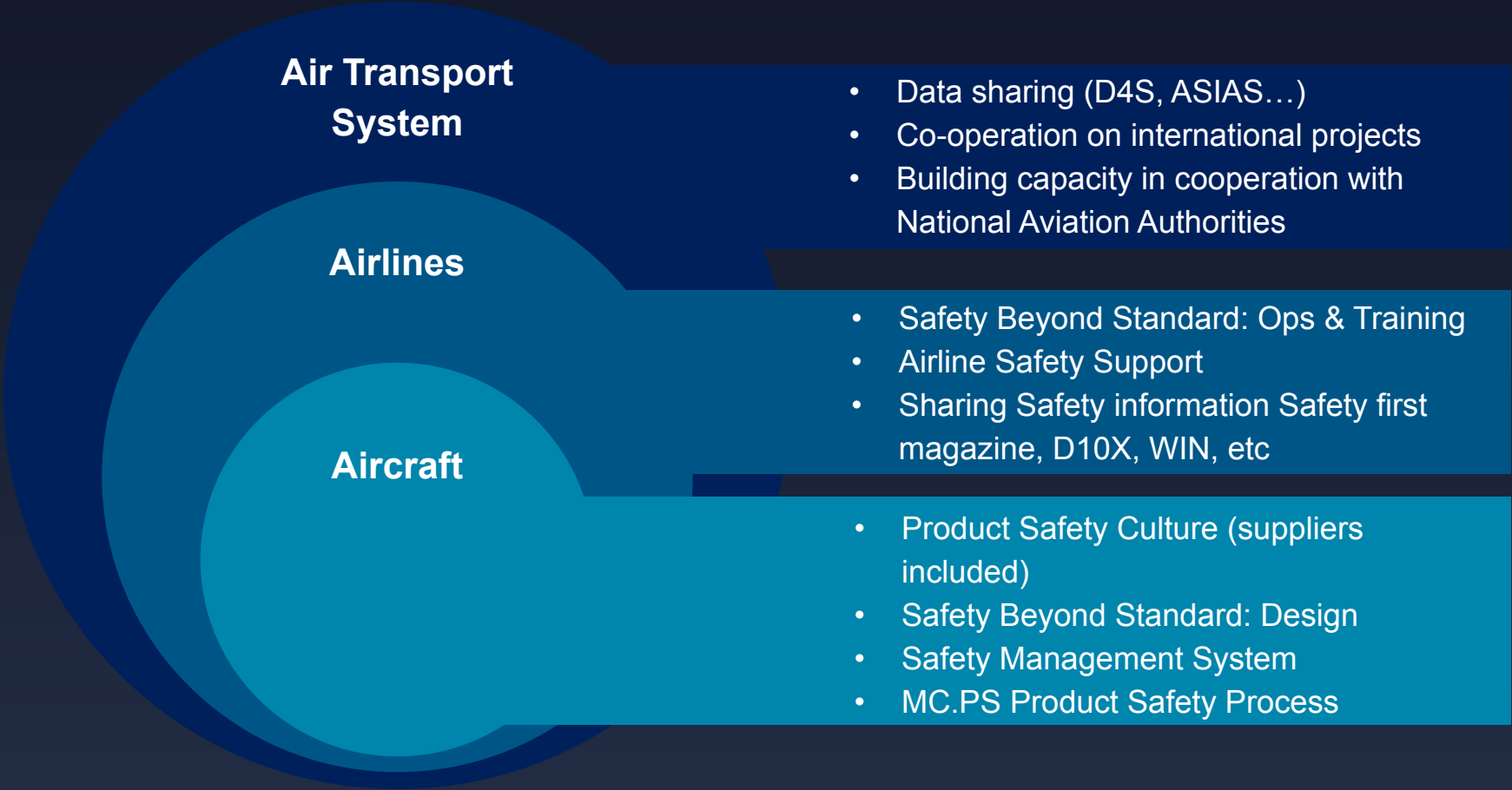


Going:

- Beyond strict compliance to requirements
- Beyond Airbus own perimeter

Reinforcing Safety Management System

Prevention Drivers: some examples



Accident Prevention Strategy

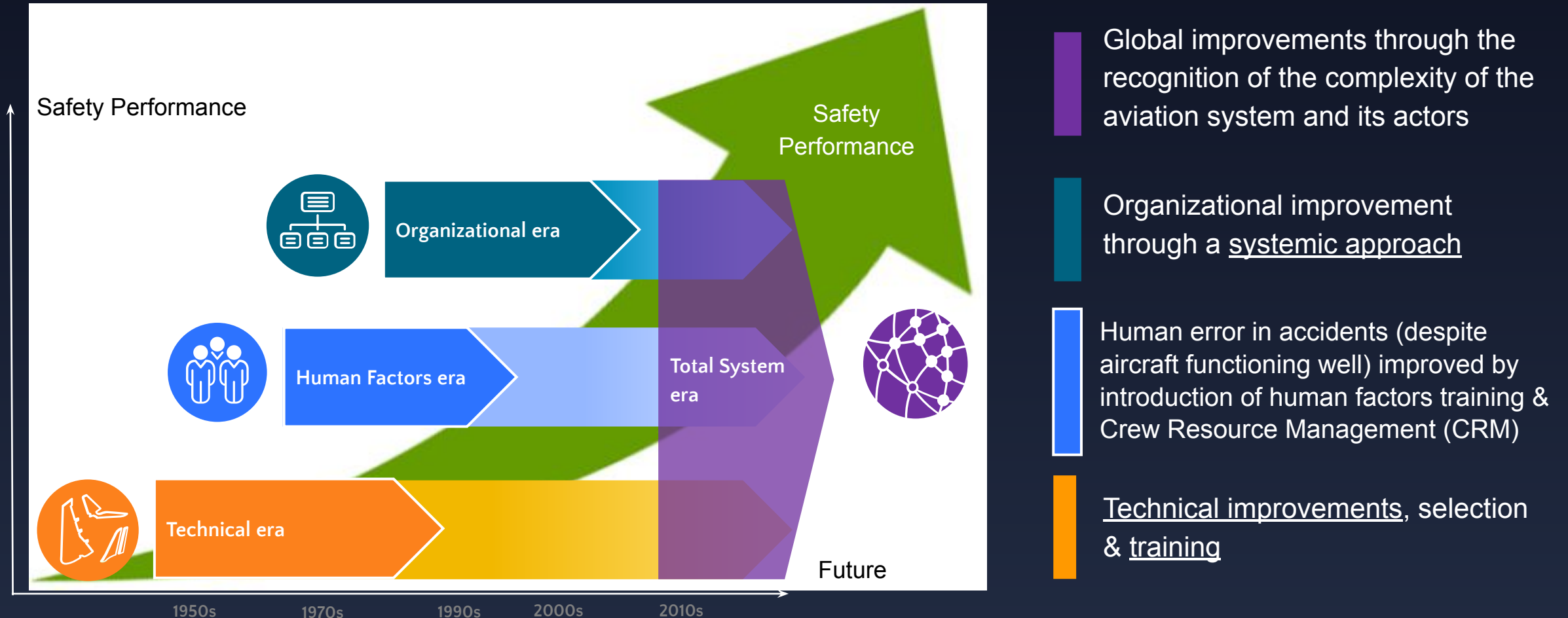
Accident prevention is the key focus of Safety at Airbus

We work to reduce the accident rate across all layers of the industry

SMS Origins

[Airbus Amber]

> Evolution of the Safety Mindset



SMS is a systemic perspective encompassing all factors

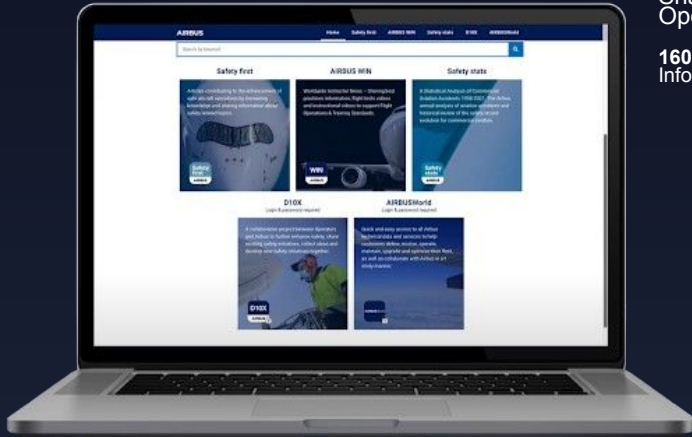
External Safety Promotion

Internal Safety Promotion

[Airbus Amber]

Sharing safety information with Operators

1600+ daily readers of Airbus safety Information



Safety first
AIRBUS

WIN
AIRBUS

D10X
AIRBUS

Safety stats
AIRBUS

AIRBUSWorld



The Commitment:



The Signatories:



Flight Safety Conference

150+ operators participate

300+ attendees



- Safety Promotion Centres
- Safety & quality poster campaigns
- Aviation Safety Vision video
- Leadership Commitment to Just & Fair Culture
- Safety articles & employee communications

AIRBUS

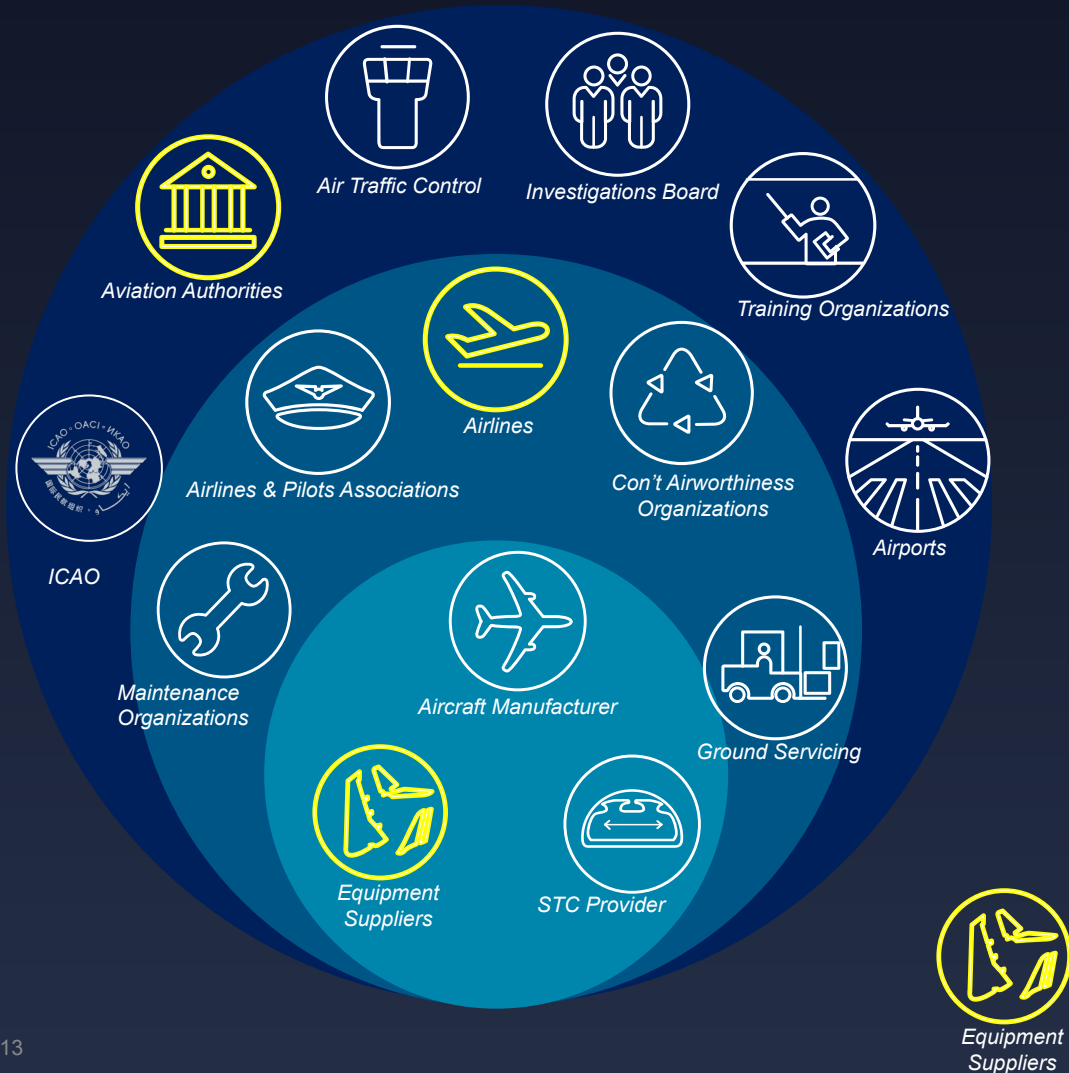
Safety relies on our connection and cooperation with all actors



Safety Information Sharing Across the Air Transport System

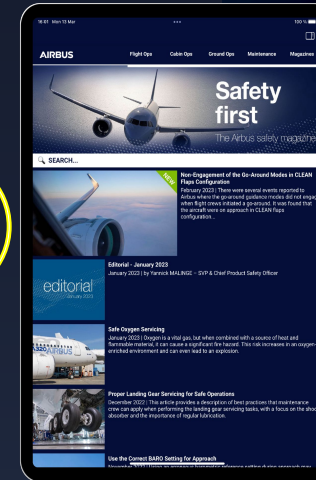
[Airbus Amber]

Safety relies on our connection and cooperation with all actors



EASA
European Union Aviation Safety Agency

Aviation Authorities
2022 FAA-EASA INTERNATIONAL AVIATION SAFETY CONFERENCE
June 14-16 | Capital Hilton, Washington DC



Safety first app and website



CASID : Continued Airworthiness and Safety Interface Document

AIRBUS

Core Safety Values

- **Safety First:** All of us must keep Safety first!
- **Safety Engagement:** We build the Safety Culture together
- **Speak-up, Listen-up and Close-the-loop:** Always have a prevention mindset



SAFETY IS NOT A DESTINATION

IT'S A CONTINUOUS

PERMANENT

JOURNEY

Thank you

© Copyright Airbus (2024) / RAeS Lecture: Aviation Safety Briefing

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.