



**Aerospace and Defence
Industries Association of Europe**



**SMS Standard
Drafting Group**

**International
SMS Standard
*under ASD lead***

**SMICG Industry day
16 May 2017**

*Presented by Gilles FONTAINE
SMS Standard drafting Group Chair
Airbus - Head of DOA Expertise*

1 Context & Framework of the Standard



2 Objectives & Scope of the Standard

3 Content of the Standard, e.g. Interface Management

4 Way Forward

Aviation **safety management**
and **oversight** by..

...covering all
**Service
Providers'**
activities.

Context & Framework



Concept for an **SMS International Standard** presented to ANAC, EASA, FAA & TCCA
AIA set up a Working Group to issue an SMS Standard for **US Design & Manuf.**
(Organisations)

FAA & EASA express their support for the development of an
SMS international Standard

ASD AWC Decision to take the lead for the development
of an **SMS international Standard**

NAS9927 published by **AIA**

SMS Standard Drafting Group set up

Final draft

06/2017

Steering Group
Kick off

09/2015 10/2015 10-12/2015 01/2016 05/2016 06/2016 05/2017



Aerospace and Defence Industries Association of Europe

Drafting Group membership from



Name	Organisation	Name	Organisation
Gilles Fontaine	Airbus (Chair)	Harald Habiger	Airbus Helicopters
Muriel Menudier	Zodiac (Vice Chair)	Florent Loquet	Safran Aircraft Engines
Marc Poerner	Airbus Helicopters (Vice Chair)	Georges Pan	Airbus
Jonathan Archer	GAMA	Tony Pearce	Leonardo Helicopters
Jesus Canas Lopez	Airbus Defence & Space	Frederic Rambliere	UTAS Propeller Systems
Arturo Garcia Perez	Airbus Defence & Space	Sophie Rouge	Airbus
Pierre Georges	Dassault Aviation	Benoit Thubert	Thales
Antoni Gnot	Pratt & Whitney		

1 **Context & Framework of the Standard**

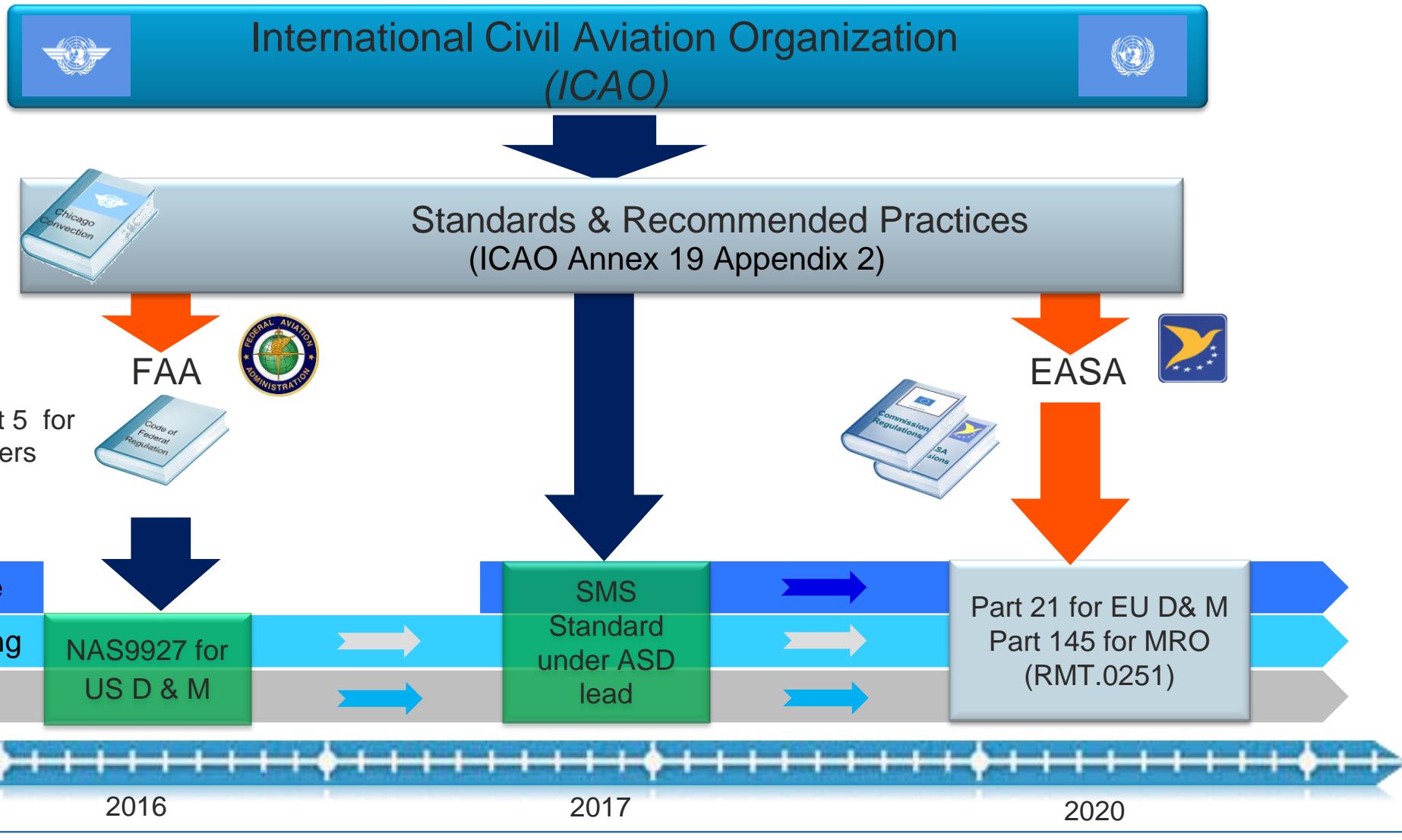
2 **Objectives & Scope of the Standard**



3 **Content of the Standard, e.g. Interface Management**

4 **Way Forward**

Drivers & Scope for SMS Standard (under ASD lead)



1 **Context & Framework of the Standard**

2 **Objectives & Scope of the Standard**

3 **Content of the Standard, e.g. Interface Management** 

4 **Way Forward**



Chapter 1: Introduction

Chapter 2: Scope

Chapter 3: Supporting Reference Documentation

Chapter 4: Terms & Definitions

Chapter 5: Applicable requirements

Chapter 6: Understanding & Means of Compliance
with ICAO Annex 19 app. 2

Chapter 7: Interfaces between organisations

Chapter 8: SMS Implementation Plan

Appendix 1: Best Practises for SRM

Appendix 2: Example of SMS maturity Assessment
Method

Appendix 3: Example of SMS Manual /
Documentation

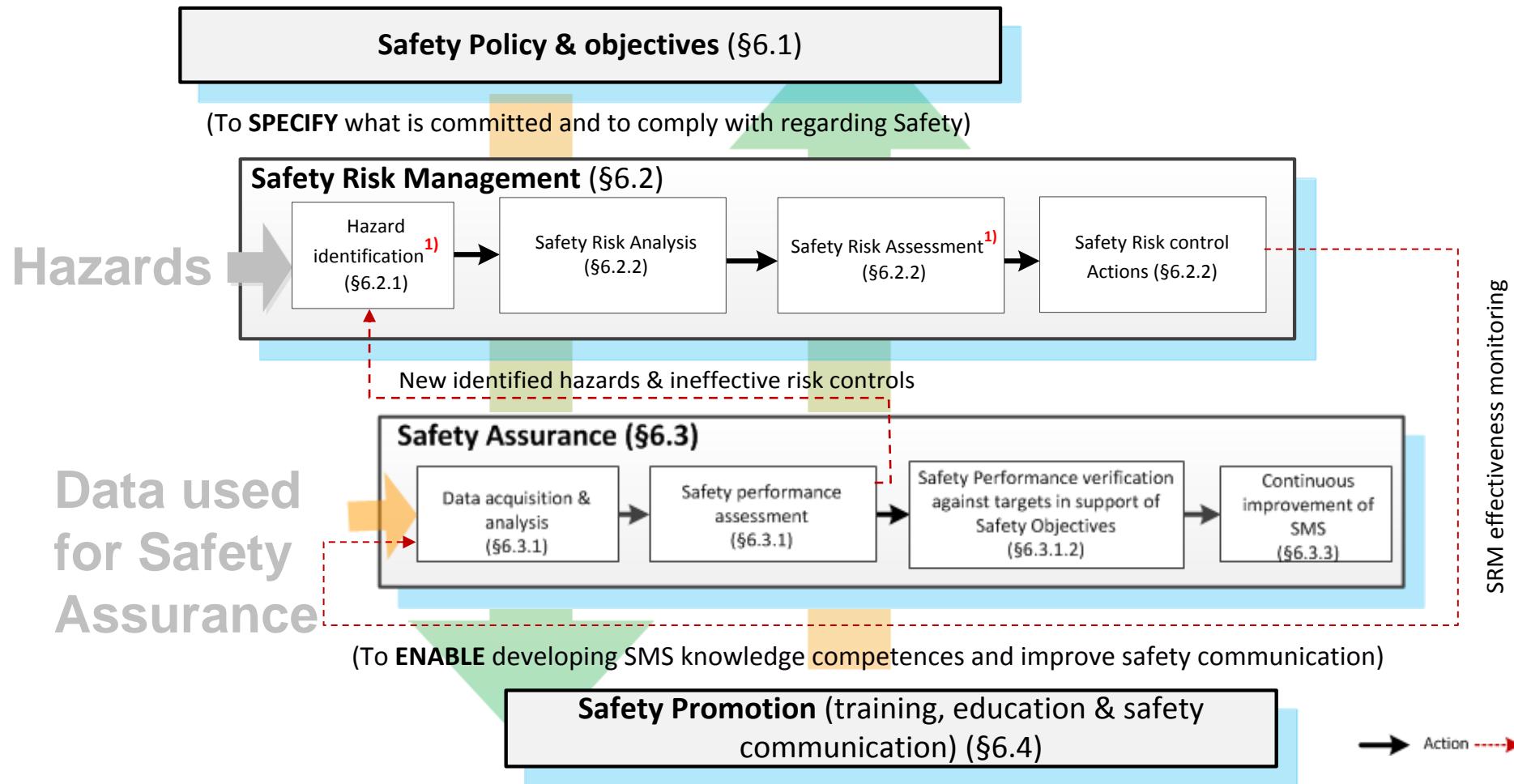
**International Standard
Implementing a Safety Management System
In
Design, Manufacturing and Maintenance
Organisations**

MASTER DRAFT
Issue 2017/04/19

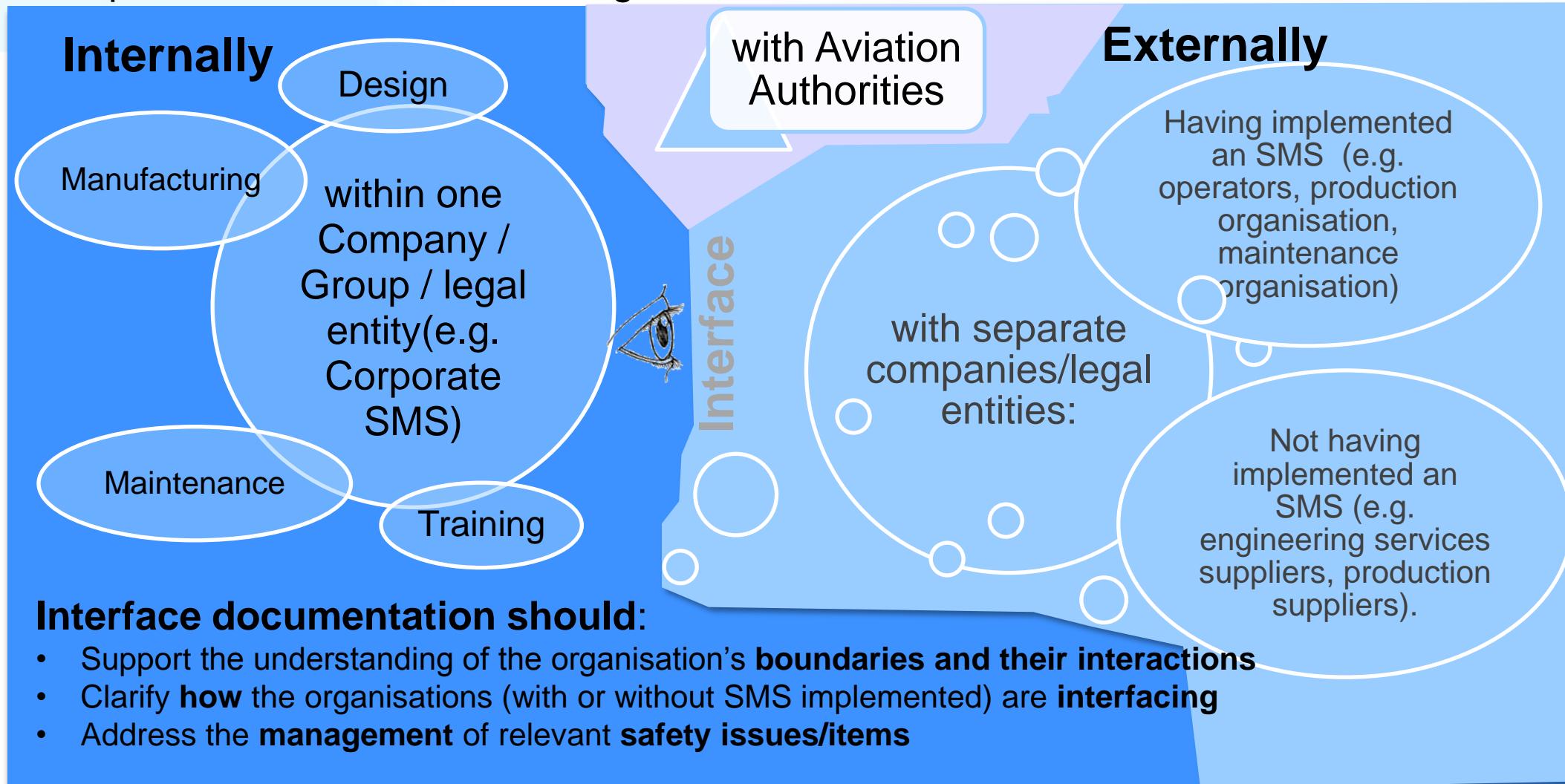
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Chapter 6: Understanding & Means of Compliance with ICAO Annex 19 app. 2

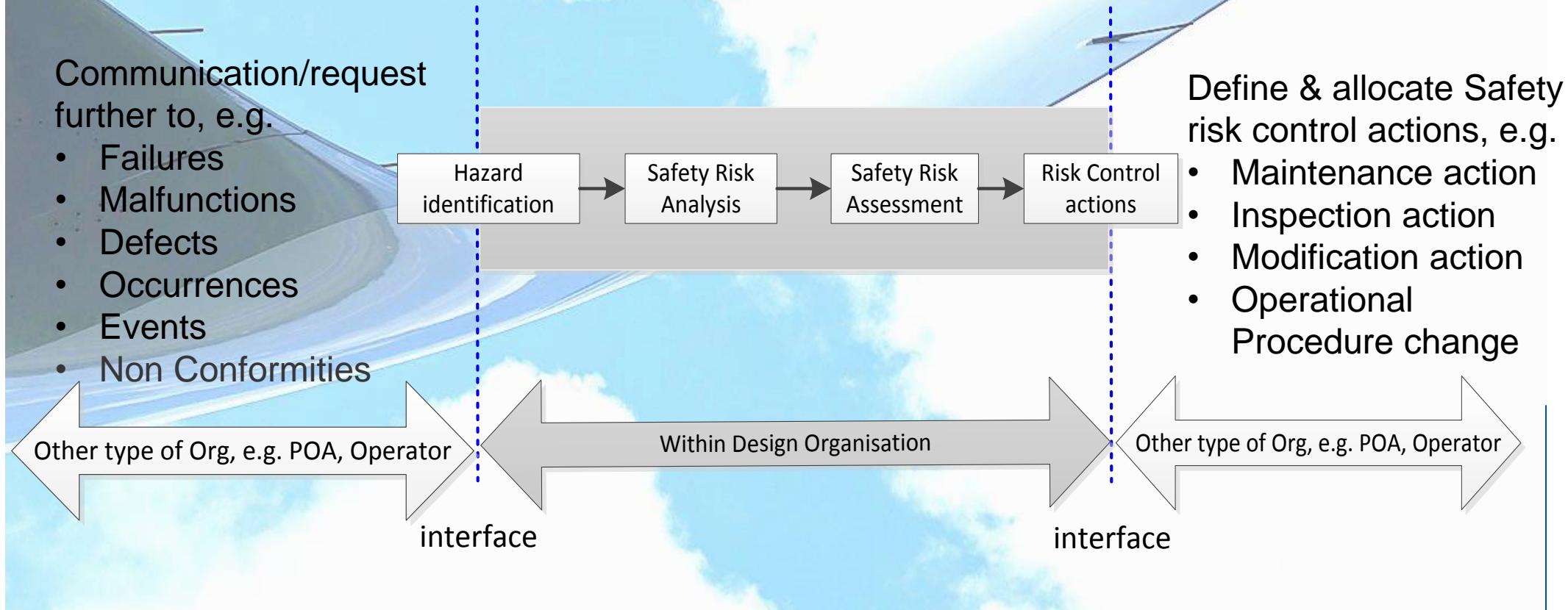


Chapter 7: Interfaces between organisations



Chapter 7: Interfaces between organisations

Example of Interface between a **Design Organisation** and **Other Organisations (POA, Operator)** for Continued Airworthiness Management



Chapter 8: SMS Implementation Plan



1

Context & Framework of the Standard

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Objectives & Scope of the Standard

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Content of the Standard, e.g. Interface Management

4

Way Forward



**SMS Standard Steering Group decision
upon the draft International Standard:**

- to go forward with the proposed draft?
- to launch drafting of new Standard using the proposed draft as baseline?
- other?

**Steering Group
Kick off**

06/2017

Q4/2017



Aerospace and Defence Industries Association of Europe

A collage of 'thank you' in various languages, including English, German, Turkish, Spanish, French, Italian, Polish, Finnish, Japanese, Korean, Indonesian, and Russian. The text is arranged in a grid-like pattern with varying font sizes and colors.



US SMS Standard for Design & Production organisations

Issued by AIA as NAS9927 in May 2016.



NAS9927

Based upon former draft AC to FAA Part 5. The document is to enable the US D&M organisations voluntary compliance with FAA Part-5, prior SMS becomes mandatory by a future revision of 14 CFR Part-21.

NAS9927 (section 1 only) acknowledged by FAA in June 2016 as a means of compliance for SMS implementation in US D&M organisations. This includes acknowledgment that Emergency Response Plan is not required for Design and manufacturing organisations



FAA - NAS9927

NAS9927 Does not take into account the systems out of US regulation, in particular Systems relevant to approved organisations in Europe (DOA, POA, CAMO).

Gap analysis between NAS9927 & ASD-AWC TF9 Standard is being issued.