



**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**



# Aerospace and Defence Industries Association of Europe

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

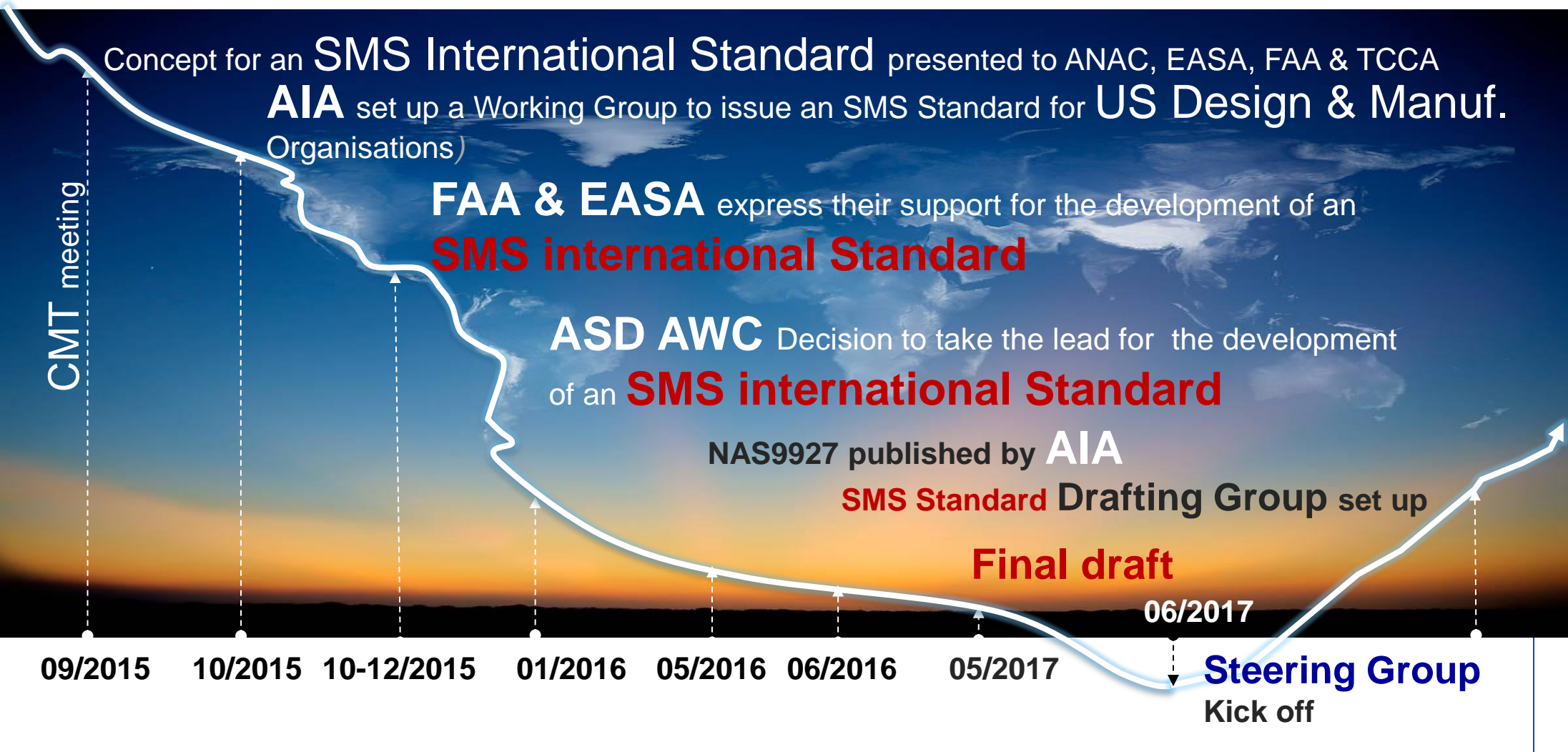
...covering all  
**Service  
Providers'**  
**activities.**

Context & Framework





# Aerospace and Defence Industries Association of Europe





# Aerospace and Defence Industries Association of Europe

## Drafting Group membership from



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



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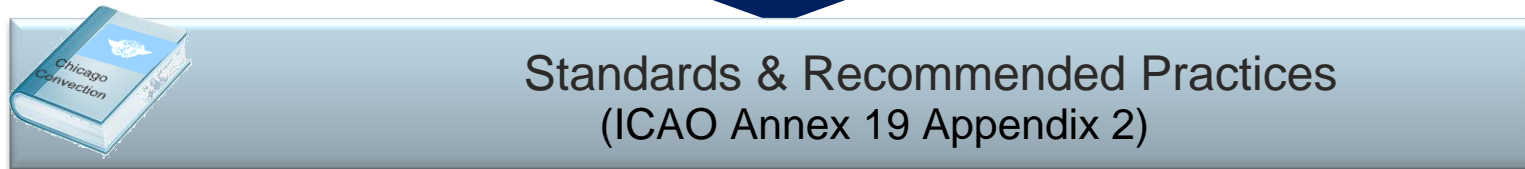
**Content of the Standard, e.g. Interface Management**

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**Way Forward**



## Drivers & Scope for SMS Standard (under ASD lead)



FAA



14 CFR Part 5 for  
US Air Carriers



NAS9927 for  
US D & M



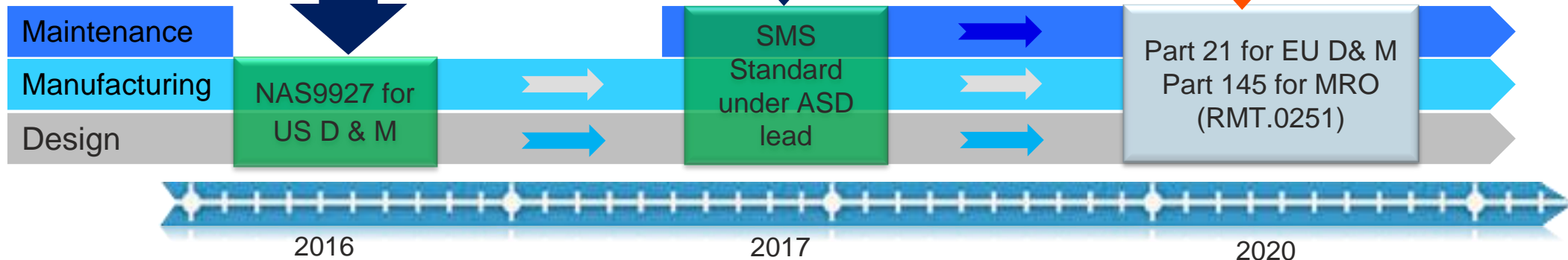
SMS  
Standard  
under ASD  
lead



EASA



Part 21 for EU D&M  
Part 145 for MRO  
(RMT.0251)



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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

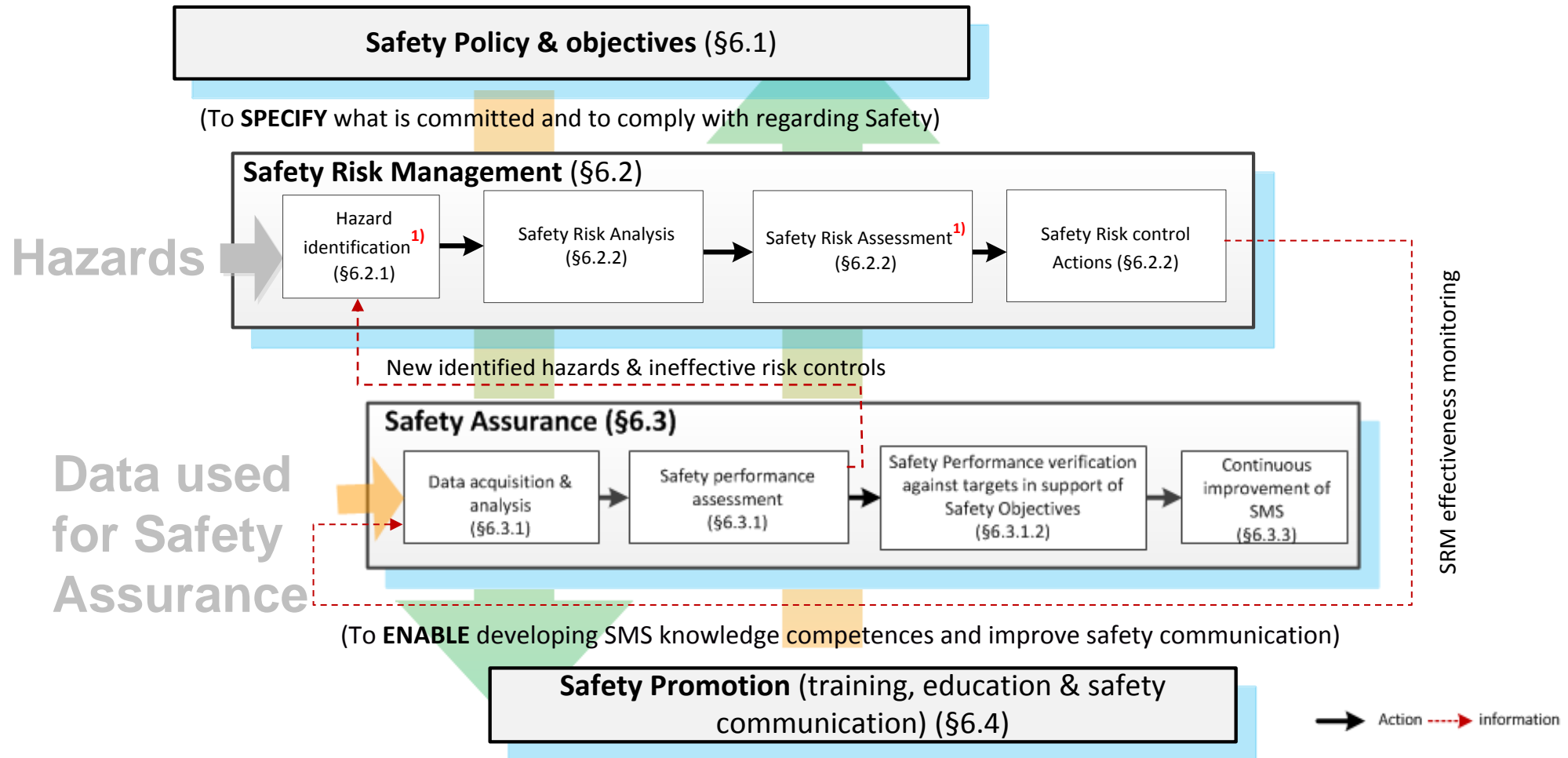
**International Standard**  
**Implementing a Safety Management System**  
**In**  
**Design, Manufacturing and Maintenance**  
**Organisations**

**MASTER DRAFT**  
Issue 2017/04/19

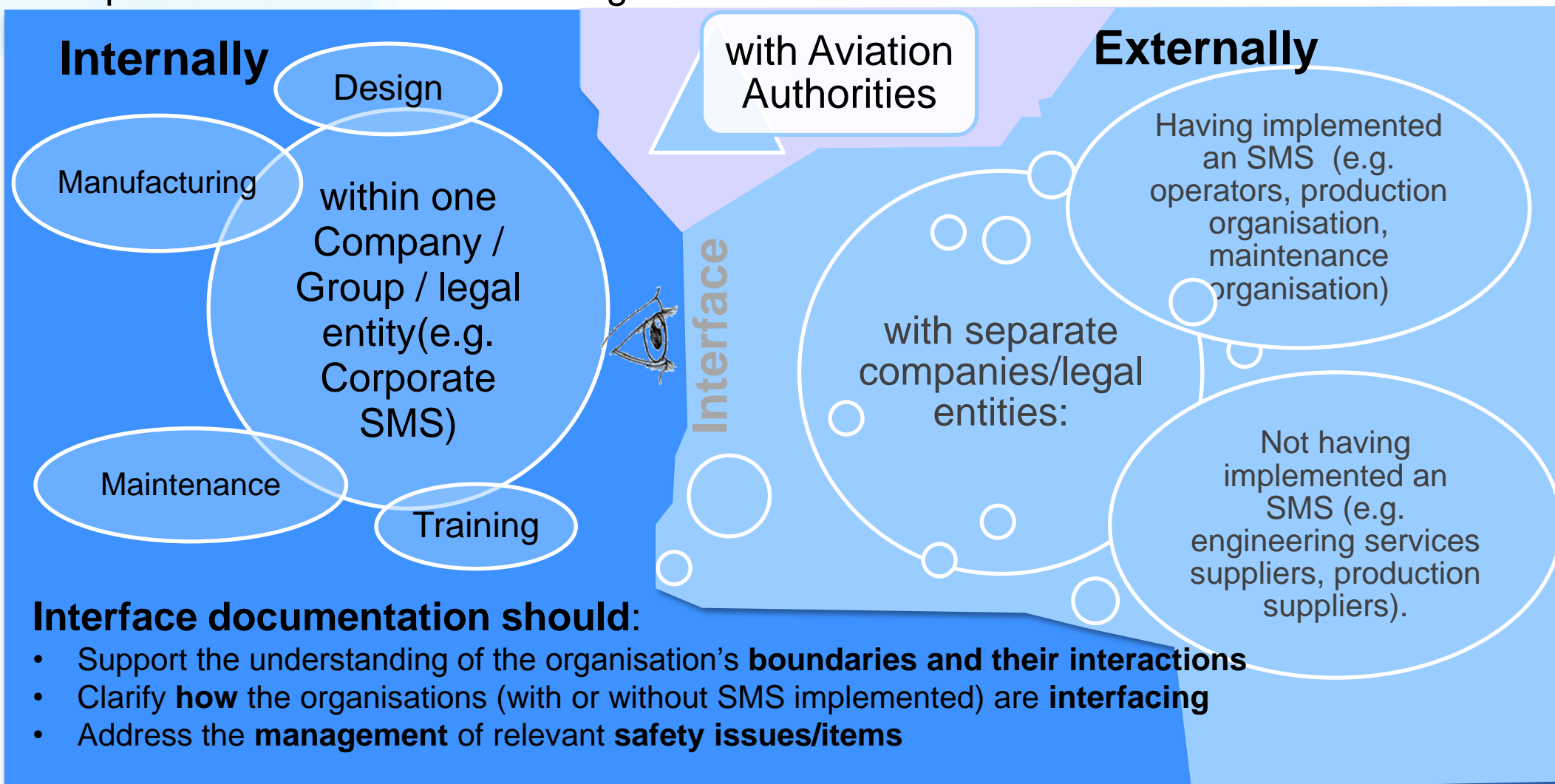
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## Chapter 6: Understanding & Means of Compliance with ICAO Annex 19 app. 2



### Chapter 7: Interfaces between organisations

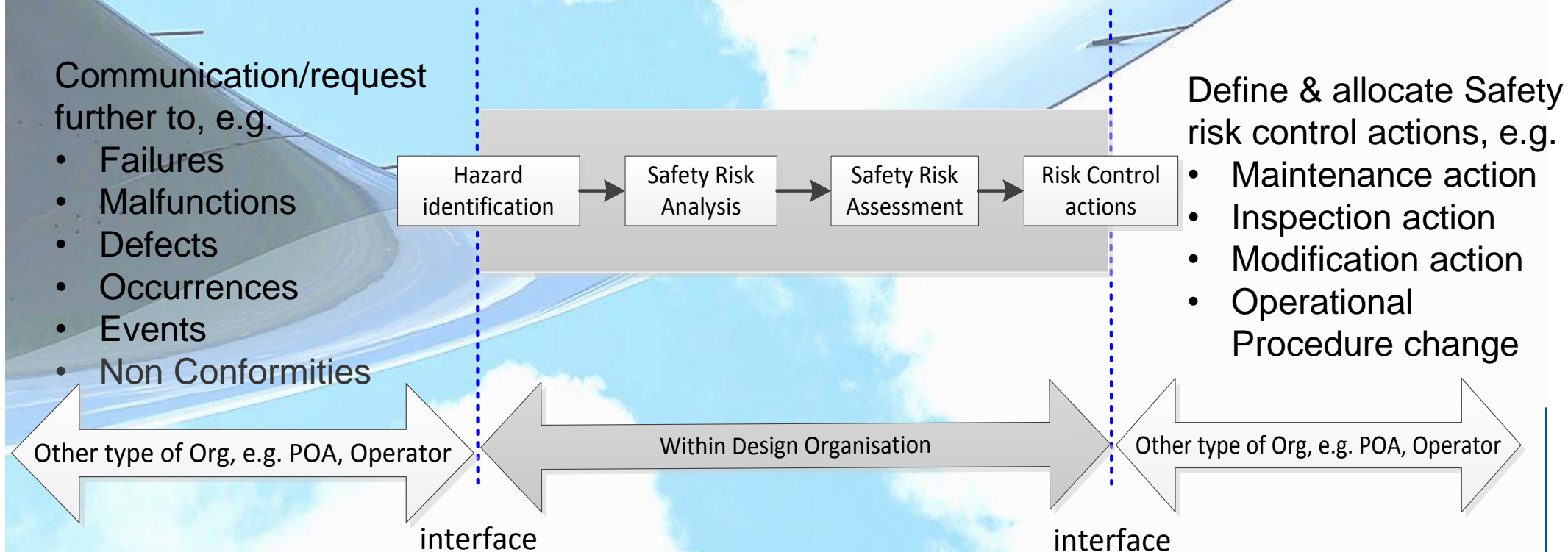


#### Interface documentation should:

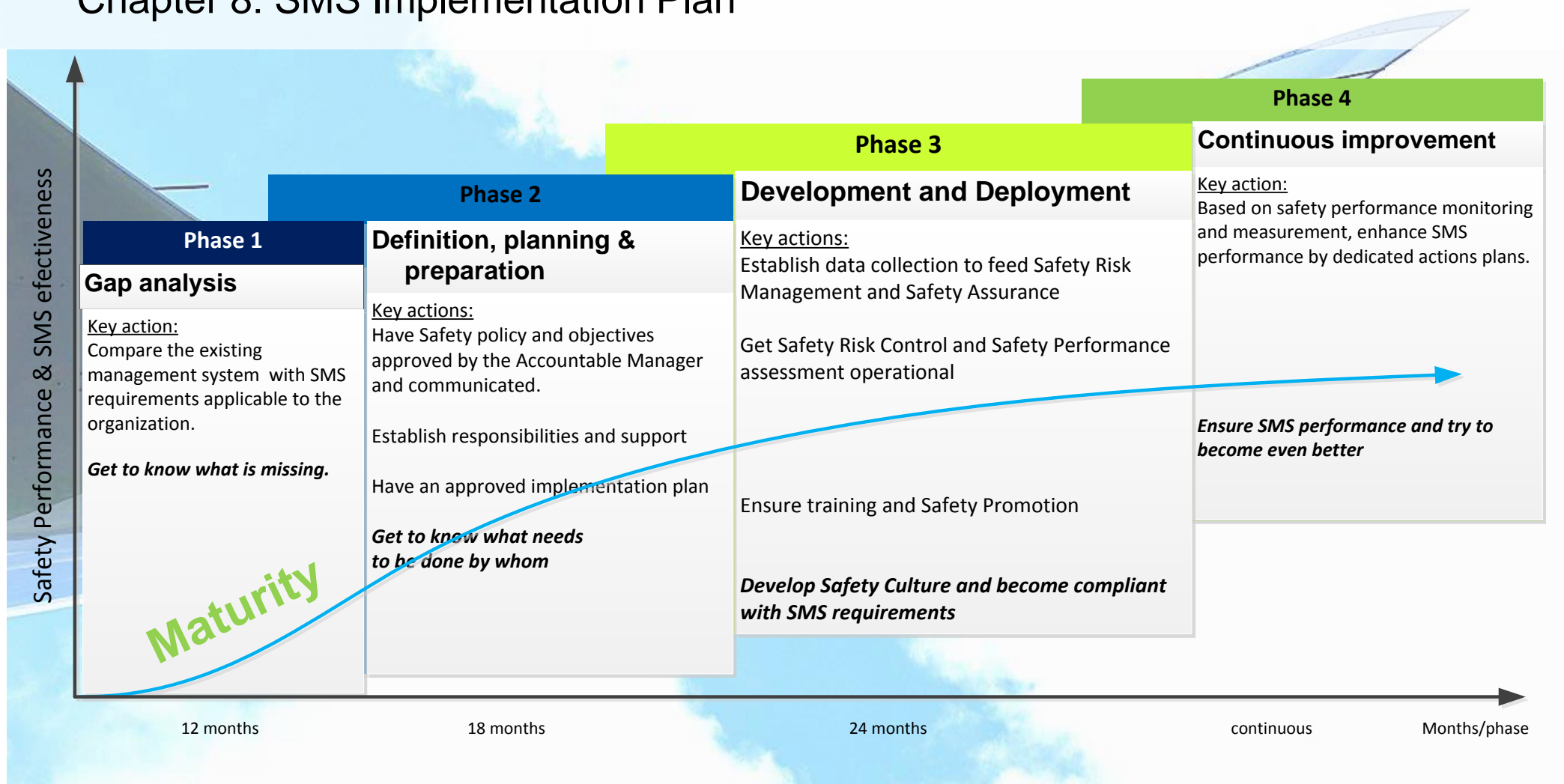
- Support the understanding of the organisation's **boundaries and their interactions**
- Clarify **how** the organisations (with or without SMS implemented) are **interfacing**
- Address the **management** of relevant **safety issues/items**

### 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



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## Aerospace and Defence Industries Association of Europe

### 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

THANK YOU

GRACIAS

TEŞEKKÜR

DANKE SCHÖN

DĚKUJI

kiitos

شكرا

謝謝

MERCI

谢谢

KÖSZÖNÖM

DZIĘKUJĘ

GO RAIBH MAITH AGAT

спасибо

GRAZIE

감사합니다

TERIMA KASIH

TAKK

спасибо

ありがとう

OBRIGADO

GRATIAS AGIMUS TIBI



## **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.