



**AeroSpace and Defence**  
Industries Association of Europe

# **AIA – ASD Interoperability coordination confcal on the 25 Nov. 2019**

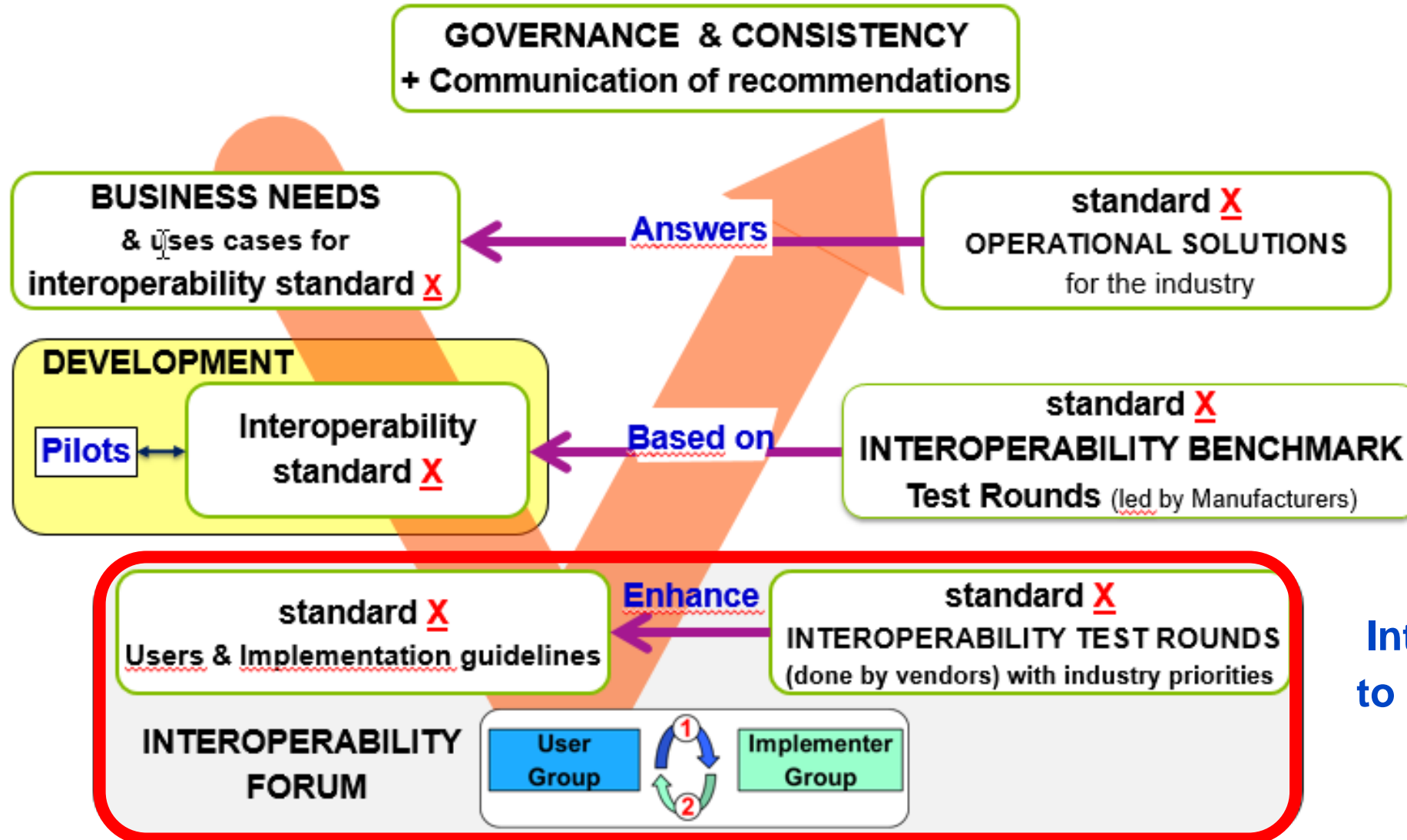
## **ASD SSG implementation strategy**



**Jean-Yves DELAUNAY**  
**Airbus**

- General method to develop interoperability capabilities  
: key role of the Interoperability Forums
- Support of participation of European A&D manufacturers in Interoperability Forums
- Interactions of Interoperability forums with other organizations
- List of Interoperability Forums of interest for the European A&D industries
- ASD SSG governance and recommendations of use of standards

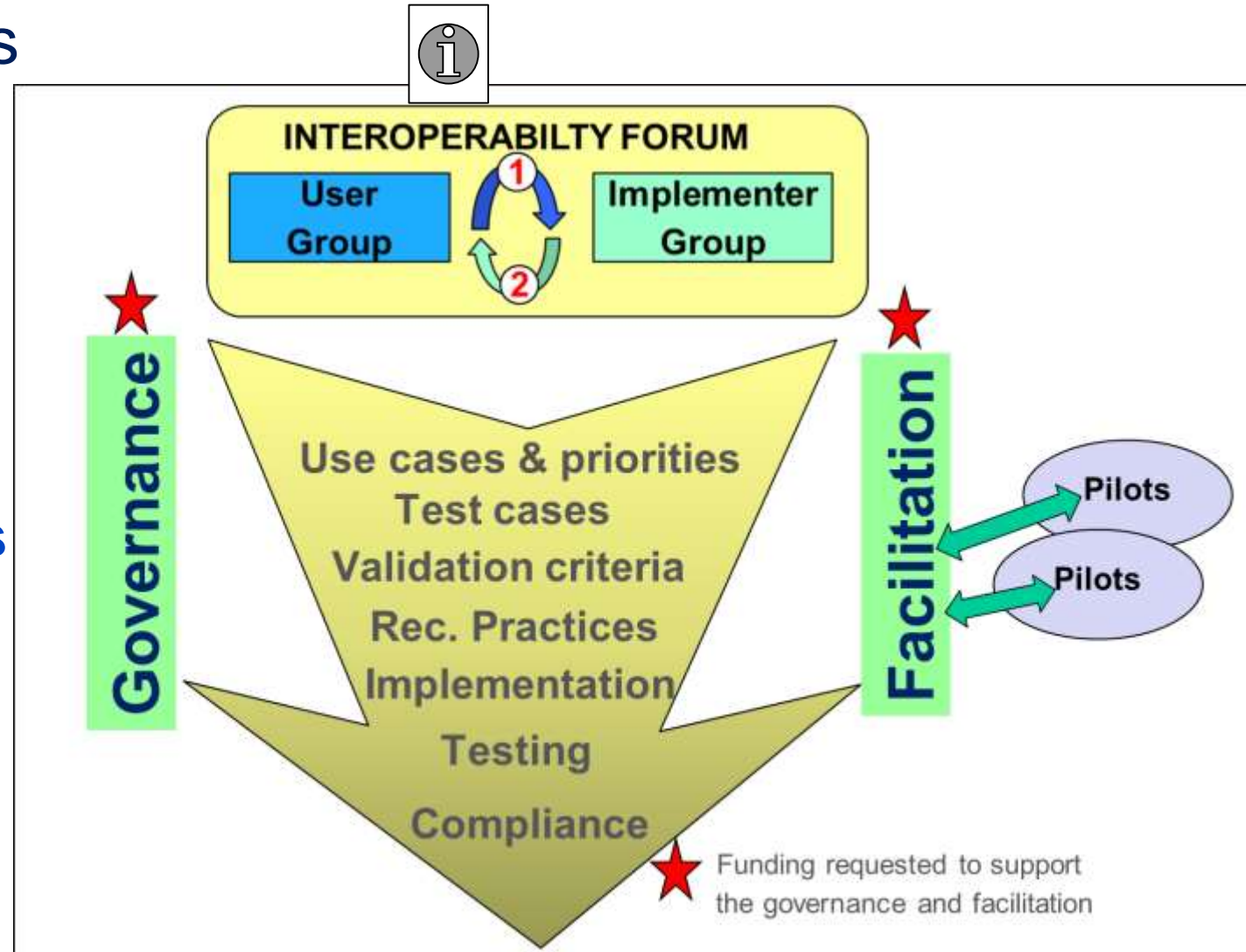
# General method to develop interoperability capabilities : key role of the Interoperability Forums



**Key role of  
Interoperability Forum  
to speed up successful  
implementation of  
open standards**

# Support of participation of European A&D manufacturers in Interoperability Forums

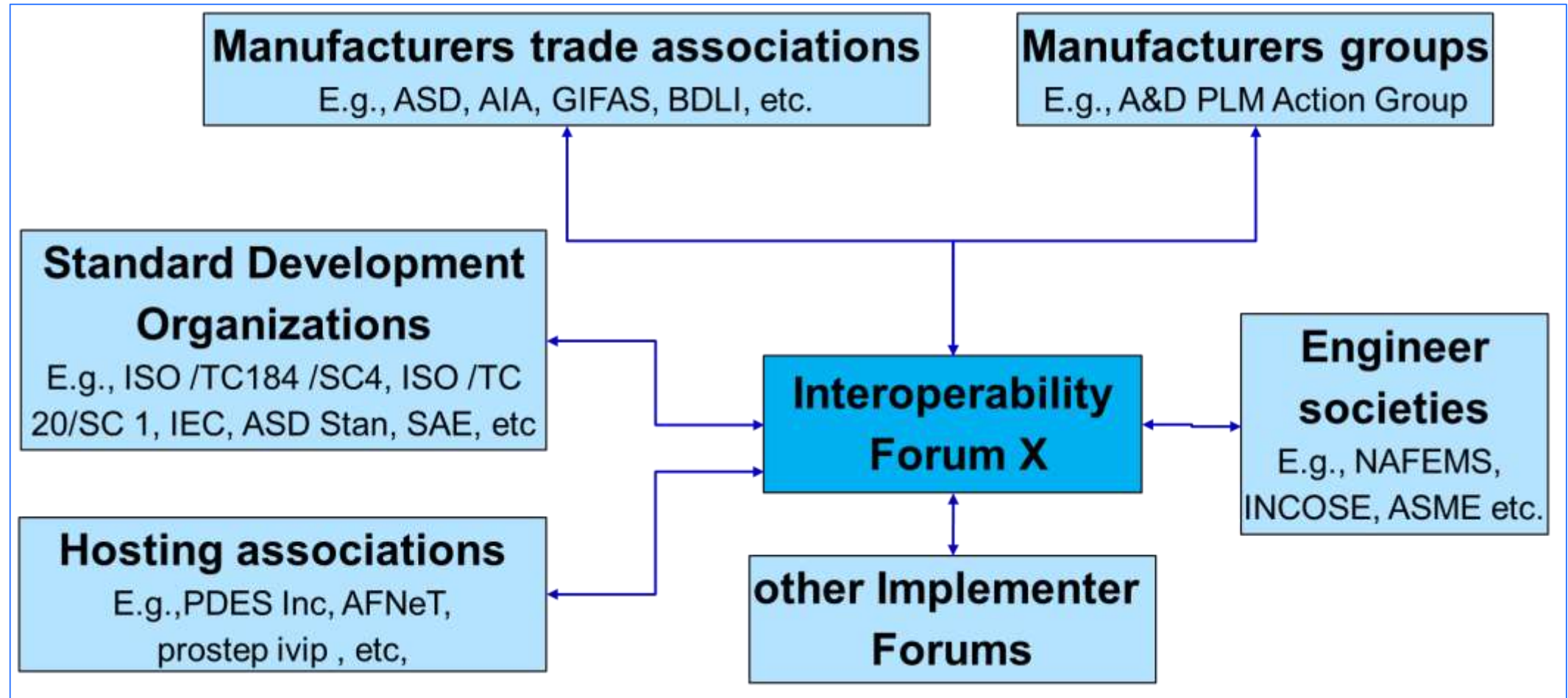
- The industries invest in the development of open interoperability standards.  
: **It provide business value only if these standards are implemented in COTS solutions with the required level of interoperability.**
- Interoperability Forums are set up to ensure the timely deployment of interoperable COTS solutions



<http://www.asd-ssg.org/interoperability-forums>





# Interactions of Interoperability forums with other organizations

- The efficiency of an Interoperability Forum relies on close interactions with several other organizations



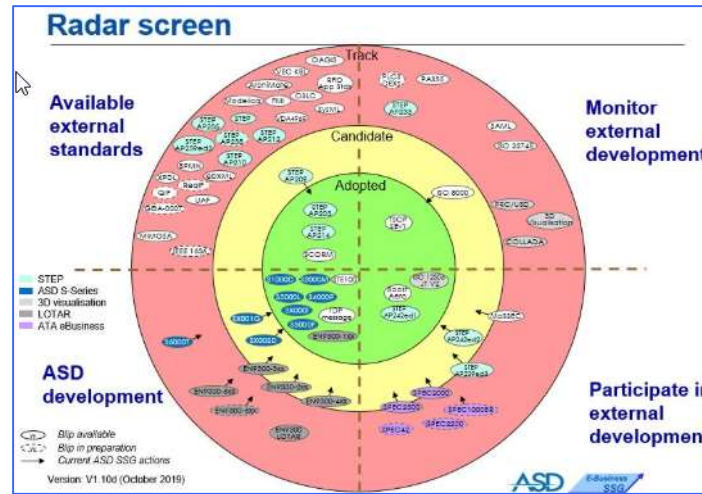


# List of Interoperability Forums of interest for the European A&D industries

Name	Related standard	Technical domain	Creation year
CAX IF	STEP AP242	Mechanical	1999 
PDM IF	STEP AP242	PDM & Configuration Management	2016 
CAE IF	STEP AP209	Modelling and analysis	2017 
EWIS IF	STEP AP242	Electrical Wiring Harness	2019 

- List to be updated
  - Other Interoperability Forums in preparation:
    - RV&V IF, based on STEP AP242 ed2 (AP239 ed3)
    - MBSE IF

- Radar Chart components



- Red circle: track
- Yellow circle: Candidate
- Green circle: Adopted

- ASD SSG statements

- Harmonization of QIF and STEP
- Statement on core technical capabilities shared by AP239 ed3 and AP242 ed2 - May 2017

- ASD SSG standards recommendations

- STEP AP242
- EN9300 LOTAR

- ASD SSG recommendations to its members to participate in the Interoperability Forums

- Example of the PDM IF



## Summary – next actions

- To finalize the trilateral MoU between PDES Inc, AFNeT & prostep ivip for a common template of Interoperability Forums
  - Are based on a “name standard”
- To prepare Interoperability Forums involving several named standard
  - important for complex operational test cases
  - Related to the setting up of the MBSE IF