

# ***STEP AP 242 : liens avec les autres standards d'interopérabilité PLM***

## ***La vue de l'ASD SSG***

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Chairman ASD SSG





**GIFAS**  
Commission des  
Technologies de  
l'information

ASD Strategic  
Standardisation Group



# Standards Governance

## Concept Development



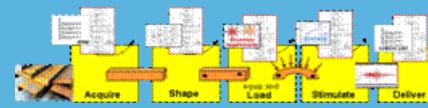
## Design, manufacture & Assembly



« Full virtual concept »

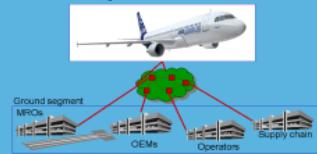
« Full 3D configured DMU »

## Validation & Certification



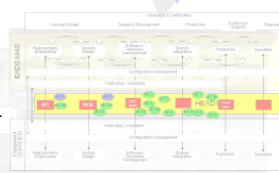
« Full virtual rigs »

## Operations

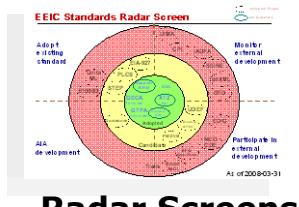


« Full virtual A/C enabled services »

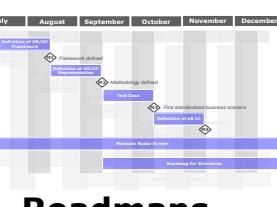
## Strategic Standardisation Group



## Business Scenario & Use Cases



IT vendors



## Radar Screens

Standardisation bodies & projects

# ASD SSG members and links

E-Business  
SSG

Trade Associations

Standardisation  
AssociationsStandardisation  
OrganisationsStandardisation  
Projects



E-Business  
SSG

# Overview of the ASD SSG public web site

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

The screenshot shows the homepage of the ASD SSG public website. At the top, there is a navigation bar with links for Welcome, Terms of Reference, Members, Work Groups, Projects, Radar Chart, Results, Meetings, Planning, and Publications. To the right of the navigation bar, there is a "Welcome!" message and a small user icon. The main content area features the ASD logo and the text "AeroSpace and Defence Industries Association of Europe". Below this, there is a large image of a person working on a aircraft component. On the left side, there are two boxes: one for "Parent organisations" listing ASD ([www.asd-europe.org](http://www.asd-europe.org)) and ASD-STAN ([www.asd-stan.org](http://www.asd-stan.org)), and another for "Web Content Display" with a "New!!" announcement about an ASD SSG leaflet available for download.

Welcome!

ASD Strategic Standardization Group

ASD

AeroSpace and Defence  
Industries Association of Europe

ASD

ASD-STAN

New!!

ASD SSG leaflet now available for download:

**About ASD Strategic Standardization Group**

**The ASD Strategic Standardization Group (SSG)**

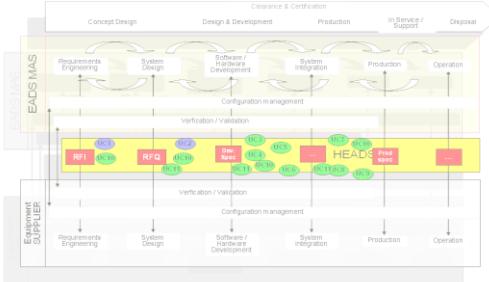
**Overview**

The Strategic Standardization Group (SSG) was set up in October 2008 by a group of European manufacturers, A&D associations and military governmental agency in order to share efforts of development of common A&D e-Business standards and associated harmonized European policies for operational use.



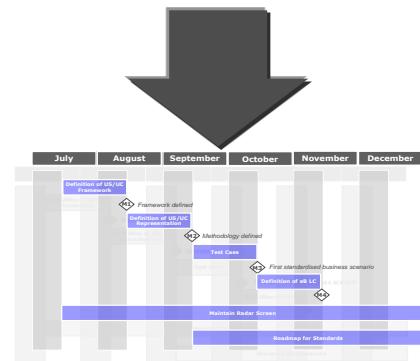
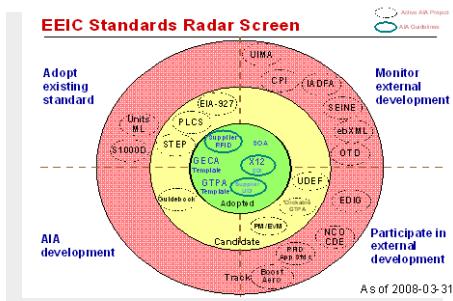
# Interoperability framework: organizing the tools to master business requirements and consistency

## Business Scenario & Use Cases



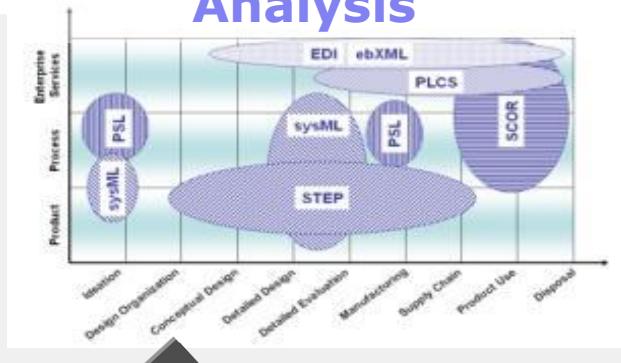
Identify & describe  
the need

## Radar Screen



## Roadmap

## Life Cycle Gap Analysis



Address the need

Develop standards &  
policies

# Radar screen

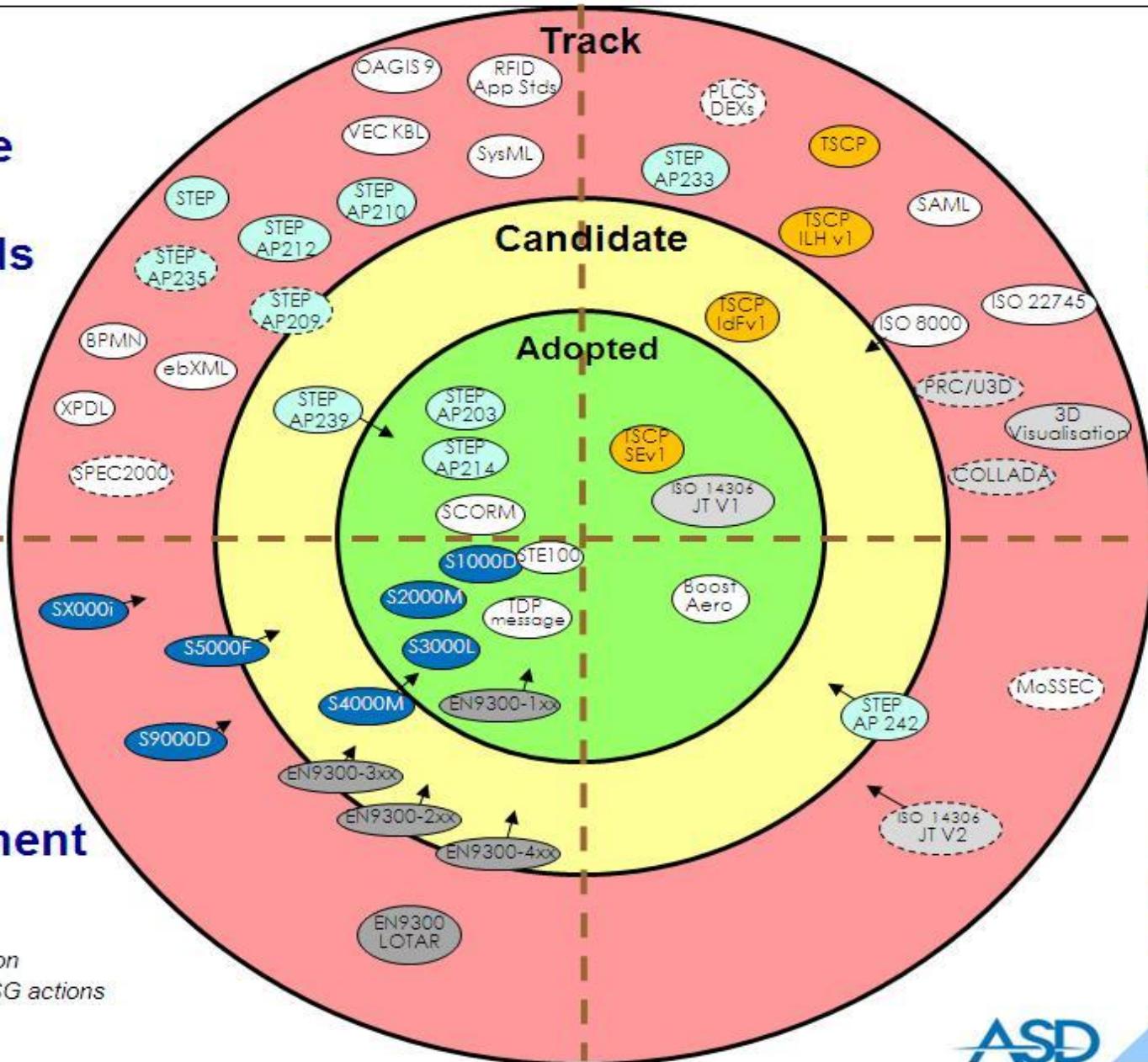
Available external standards

Monitor external development

ASD development

- STEP
- ASD S-Series
- TSCP
- 3D visualisation
- LOTAR

Participate in external development

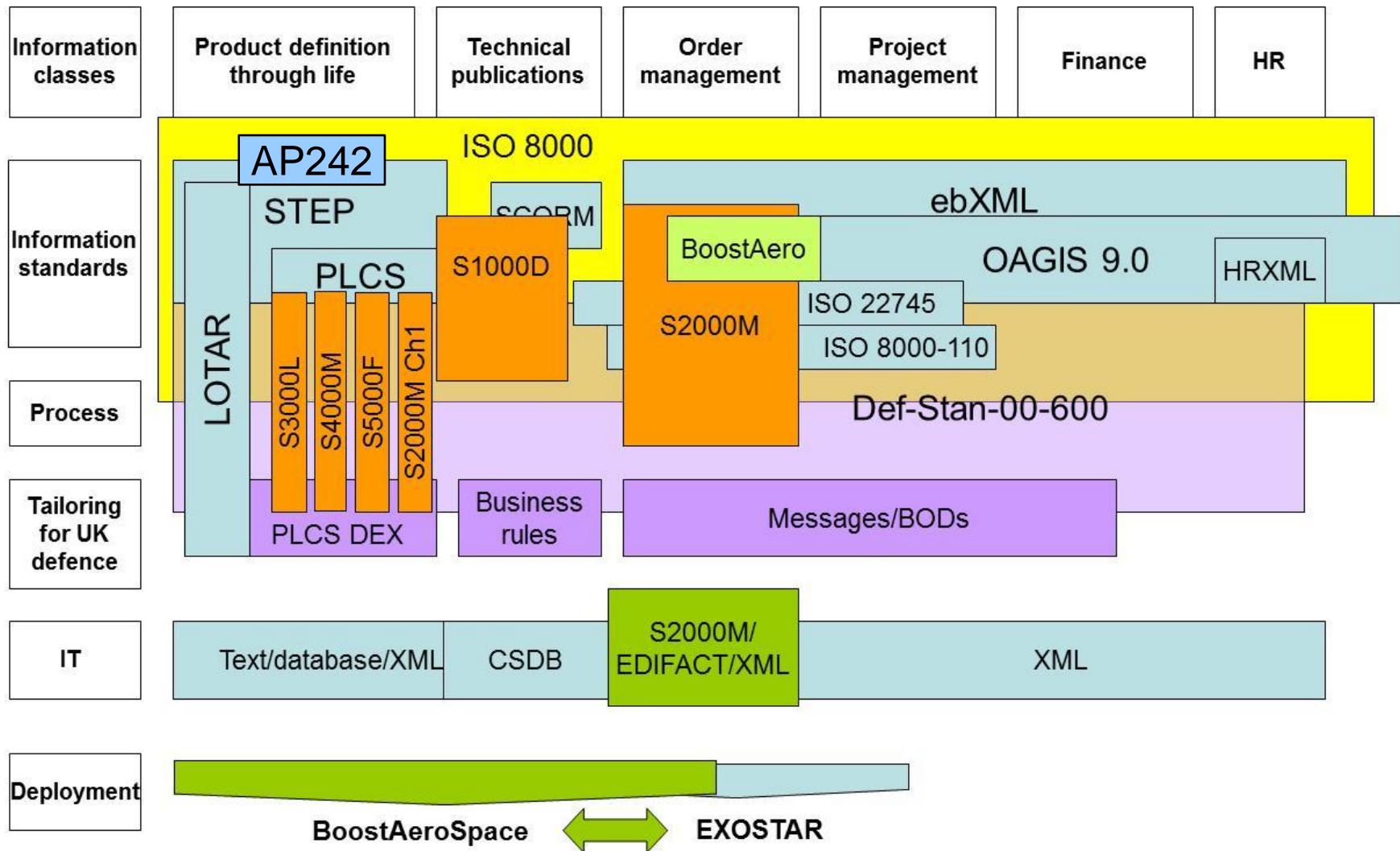


Version: V1.5

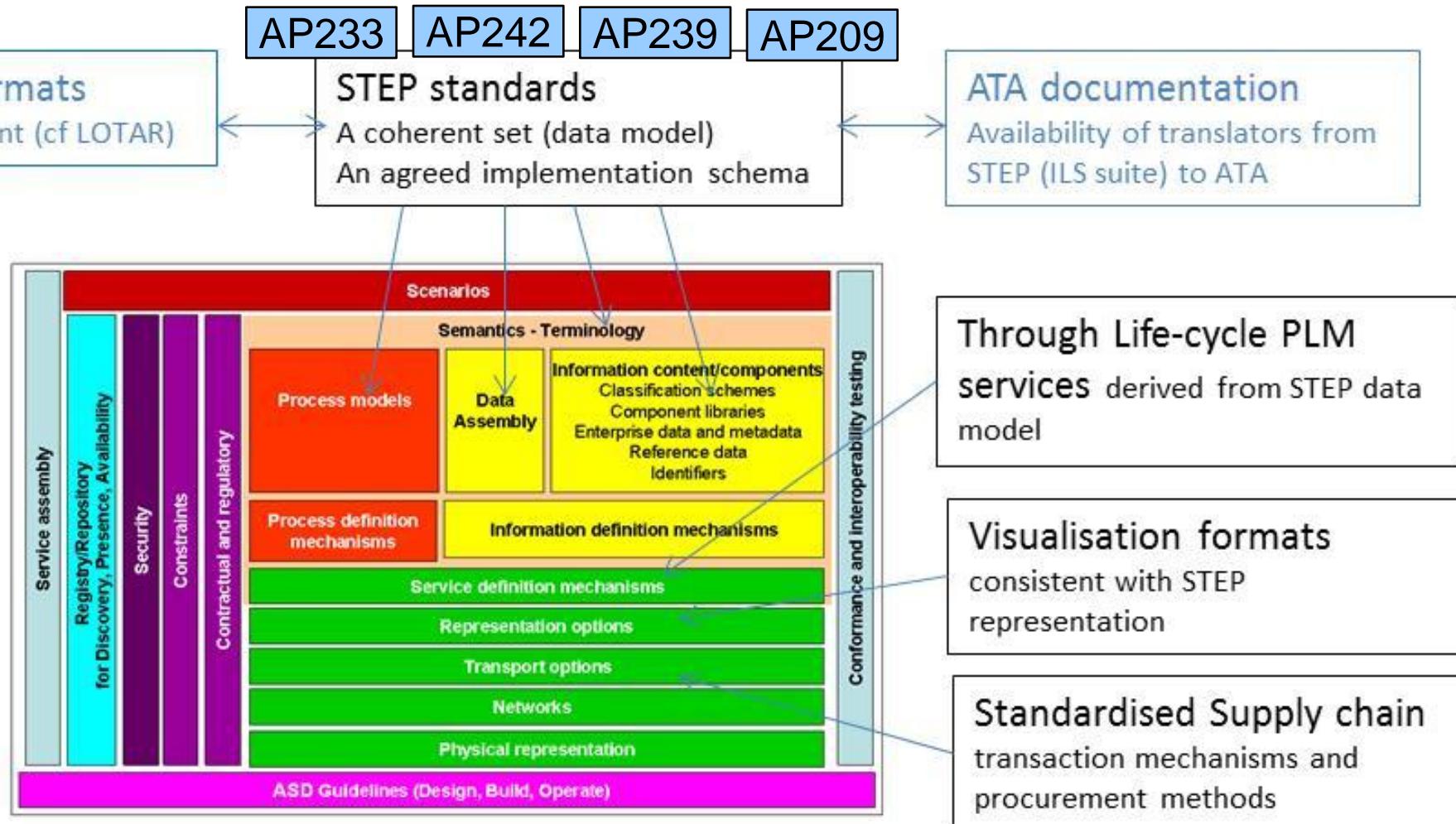


E-Business  
SSG

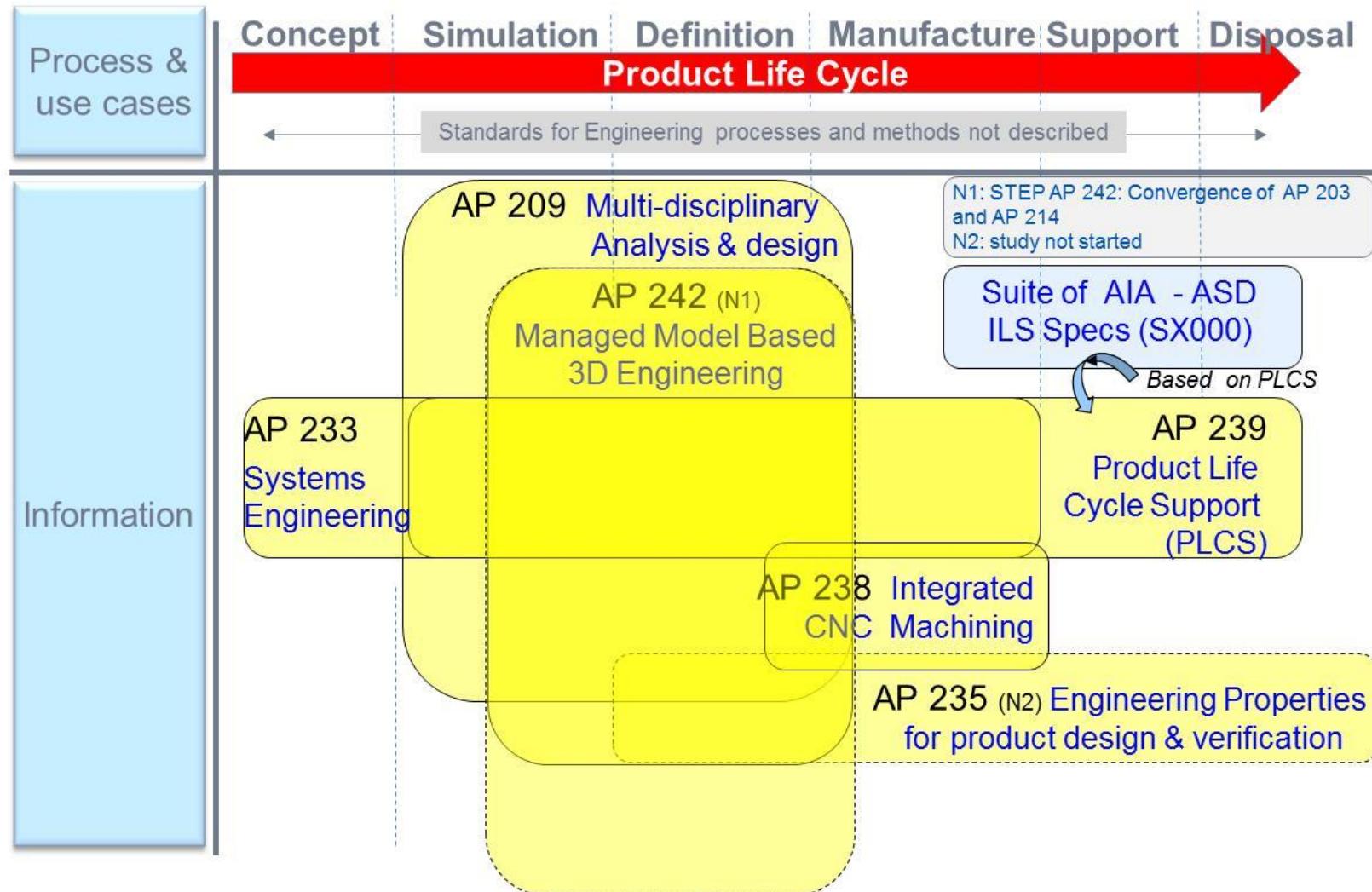
# Une vue du paysage



# Backbone of standards for interoperability



# The core suite of STEP standards for PLM interoperability



# Example of ASD SSG results

## Statement on ISO 14306 JT Ed1 and Ed2 - 11 January 2012

Welcome!

### ASD Strategic Standardization Group

Projects

Radar Chart

► Results

Meetings

Planning

Publications

Contacts

#### Statement on ISO 14306 JT Ed1 and Ed2 - 11 January 2012

JT version 9.5 has successfully reached the International Standard (IS) status in December 2012, as ISO 14306 "JT file format specification for 3D visualisation" (also known as "JT Edition 1").

ASD recognises the use of ISO 14306 as suitable for 3D light visualization, limited to the 3D tessellated geometry and 3D "JT BREP" representations - See [JT blip](#).

As stated in ISO 14306: "The following are outside the scope of this International Standard:

- The implementation of, or definition of a run-time architecture for viewing and/or processing JT data;
- Long term data retention;
- non-faceted geometric data exchange"

In accordance with this, ASD does not recommend its members to use ISO 14306 for CAD 3D exact geometry data exchange or for CAD 3D long term archiving – See [LOTAR blip](#).

In accordance with ISO /TC 184 /SC 4 resolution J of June 2012 Stockholm meeting regarding the ISO JT Ed 1 Ballot, ASD supports the development of ISO 14306 Edition 2 "including but not limited to replacing XT Brep and JT Brep with STEP curve, surface and Brep entity definitions and extending the scope to include external references to support semantic PMI for assemblies and other requirements from AP 242". The related New Work Item Proposal was adopted by ISO in December 2012.

# Merci pour votre attention

