

HELICOPTERS

EMIT Member Update: Airbus Helicopters

April 2018

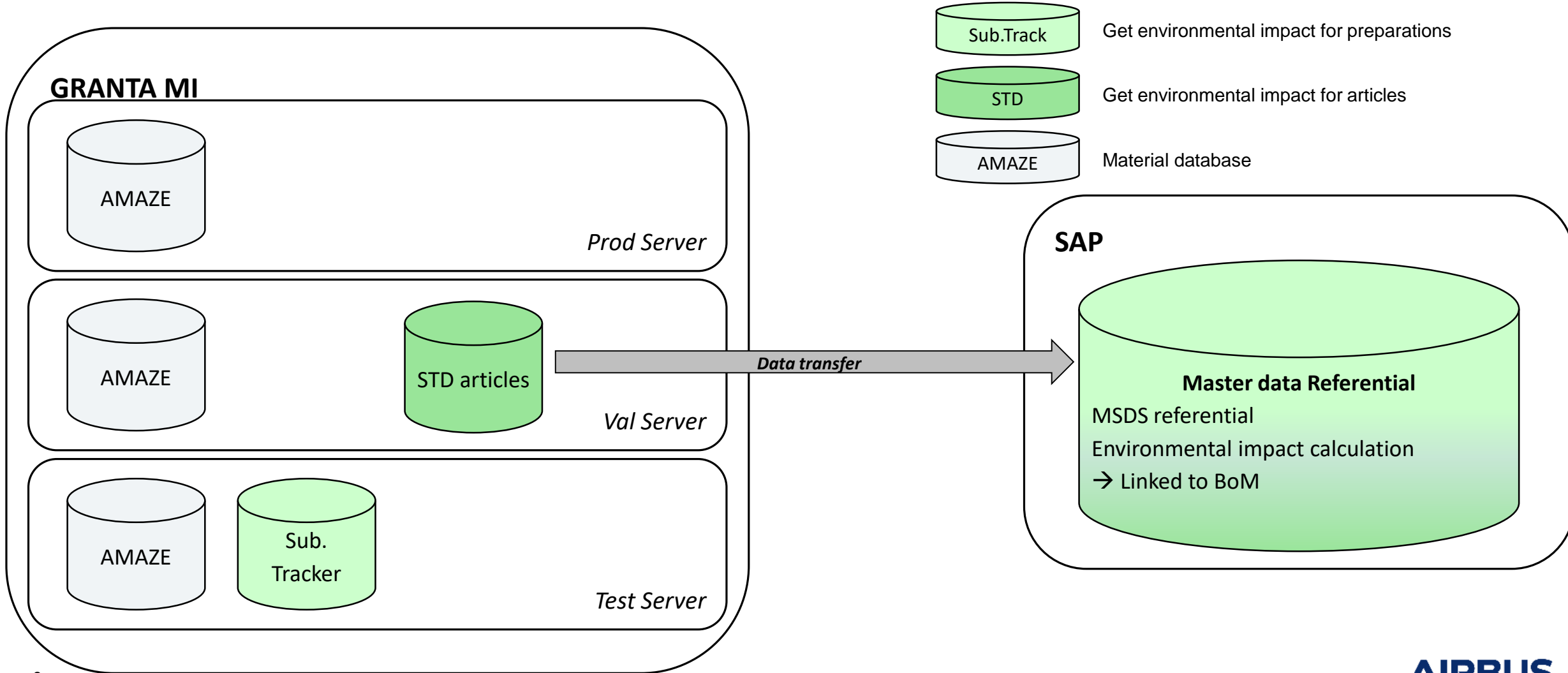
GENDRE Cyrielle - ETLG

AIRBUS

Presentation plan

1. Environmental databases in Airbus Helicopters
2. Focus on Standard Articles project
 1. Aim and methodology
 2. Structure and interfaces
 3. Implementation status
3. Opportunities

1. Environmental databases in Airbus Helicopters



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2. Focus on Standard articles project

1. Aim and methodology

Aim

- Anticipate obsolescence on Standard articles
- Have proactive detection following legislation updates
- Establish substitution plans

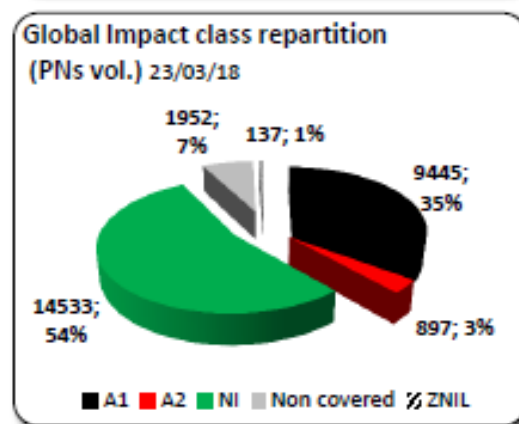
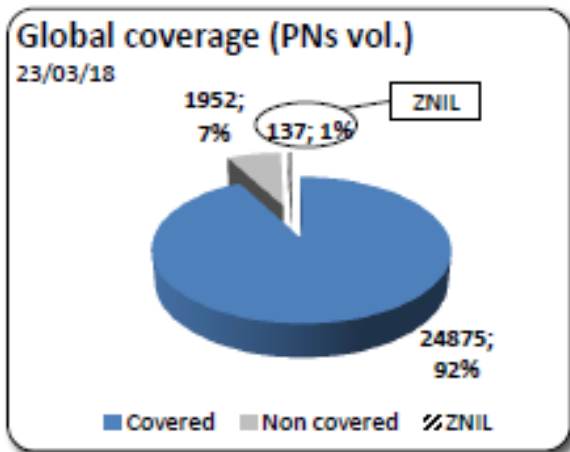
Methodology

- Get the information of materials and processes used on articles' sub components by:
 - Normative documents analysis
 - Supplier data collection
- Supported by LMP specialists



Capitalisation mandatory

26 964 PNs



2. Focus on Standard articles project

2. Structure and interfaces

Standard

Applicability
Use on HC program

Priority	1
Hazmat scope	In scope
Dolphin	Yes
H175 France	Yes
NH90	Yes
Super Puma	Yes
Applicability insert on	Monday, June 27, 2016

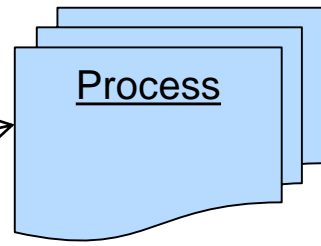
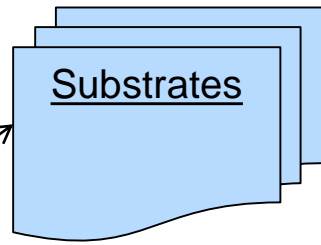
Article identification

Update on	Tuesday, April 05, 2016
Standard family	Electrical
Supplier	AMPHENOL SOCAPEX SA
Vendor Code	5P20224
Manufacturer	AMPHENOL SOCAPEX SA
Product sub-family	Electrical engineering parts
Normative identification	EN3645-013
SAP code	1234896
SAP designation	EN3645-W5C/CONNECTOR,DUMMY
Standard Part Number	EN3645-W5C
Designation	CONNECTOR,DUMMY

Technical analysis

Name of sub-component	Name	BASMAT
Receptacle	?	
Shell	Aluminium alloy	ECBAS0000166

Name of sub-component	Name	Process standards	ECSURF	Impact	Chemical name	CAS number
Receptacle	?					
Shell	Cadmium plating + Chromic finish (Olive drab)	QQ-P-416 type II, EN2133	NO ECSURF	Class A1	Cadmium Cadmium oxide Sodium dichromate, anhydrate	7440-43-9 1306-19-0 10588-01-9



Aluminium alloy

Identification

Name	Aluminium alloy
Family	Aluminium alloy
BASMAT	ECBAS0000166

Link to: PNs using this substrate 2633 Associated Records [Show All](#)

Values used in Master data referential

Cadmium plating + Chromic finish (Olive drab) (All)

Discrete attributes

Impact	Class A1
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Short text attributes

Associated substrate	All
ECSURF	NO ECSURF
Name	Cadmium plating + Chromic finish (Olive drab)
Process standards	QQ-P-416 type II, EN2133

Tabular attributes

Substances used

Chemical name	CAS number	AH class
Cadmium	7440-43-9	Class A2
Cadmium oxide	1306-19-0	Class A2
Sodium dichromate, anhydrate	10588-01-9	Class A1

[Link to substance record](#)

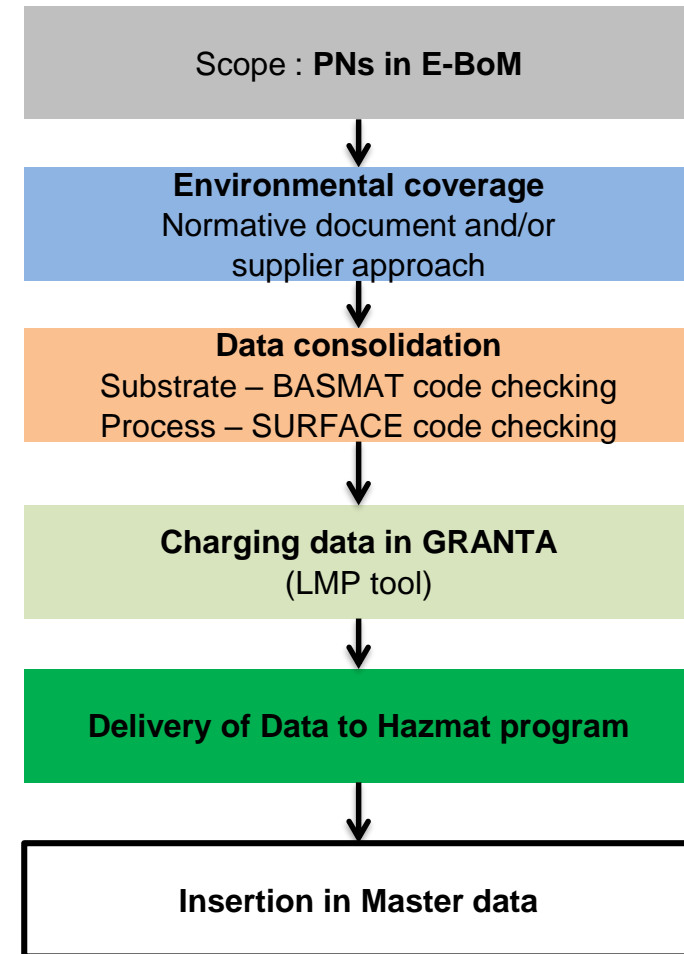
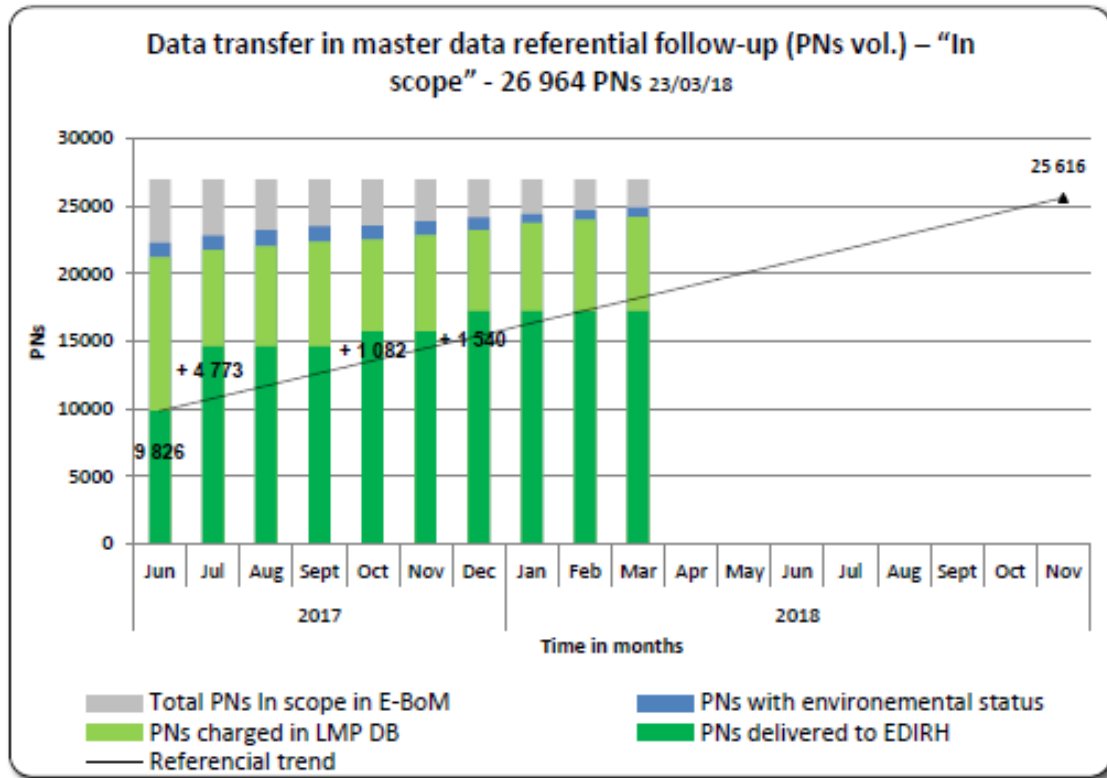
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2. Focus on Standard articles project

3. Implementation status

- ✓ Structure
 - ✓ Import procedure, including templates
 - ✓ Export procedure, including templates
- Running mode

BUT database only installed on validation server



3. Opportunities

- ✓ “Digitalisation” at Airbus Helicopters with nomination of a Digital Officer at LMP

- ✓ Several RFP at Airbus group level
 - Material database
 - LCA

- ✓ POC with Standard Articles proven, discussion reopened on non 4 walls and CM

Thank you