



Reference:

M. Chaffardon, *REACH Management within MT Aerospace*, 5th ESA REACH Workshop, ESA ESTEC, Noordwijk, the Netherlands, 19th June 2024

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REACH MANAGEMENT WITHIN MT AEROSPACE

**5TH WORKSHOP ON REACH REGULATION
ESTEC NOORDWIJK – 19TH JUNE 2024**

We are a leading international group in the fields of space transportation, defense and components for satellites and aircrafts. With our unique engineering and production capabilities we are pioneers for lightweight constructions in metals and composites as well as for hydrogen technology.

Established	1969
Revenue	200 Mio.€
Employees	500

Headquarter:
MT Aerospace AG
Augsburg, Germany

Subsidiaries:
MT Aerospace AG Bremen, Germany
MT Aerospace Guyane S.A.S, Kourou

Certifications: EASA Part 21G / EASA Part 145 / QSF B/C / EN 9100 & EN ISO 9001

From European ARIANE 5 supplier to a global hightech-company



Ariane 5

Space & Exploration

Aviation & Defence

Composites

Additive M.

Hydrogen

2005-2014

2021-2025



SPACE

Launcher, Spacecrafts, Satellites,
Comprehensive Ground Services for
integration & launch facilities,
Observatories

Structures, tanks, booster, satellite panels &
central tubes, pressure vessels, bulkheads
European Space Center launch facilities



AVIATION

Watertanks, structures, shafts & struts



DEFENSE

Missile components, fuel tank systems,
structures, shafts & struts



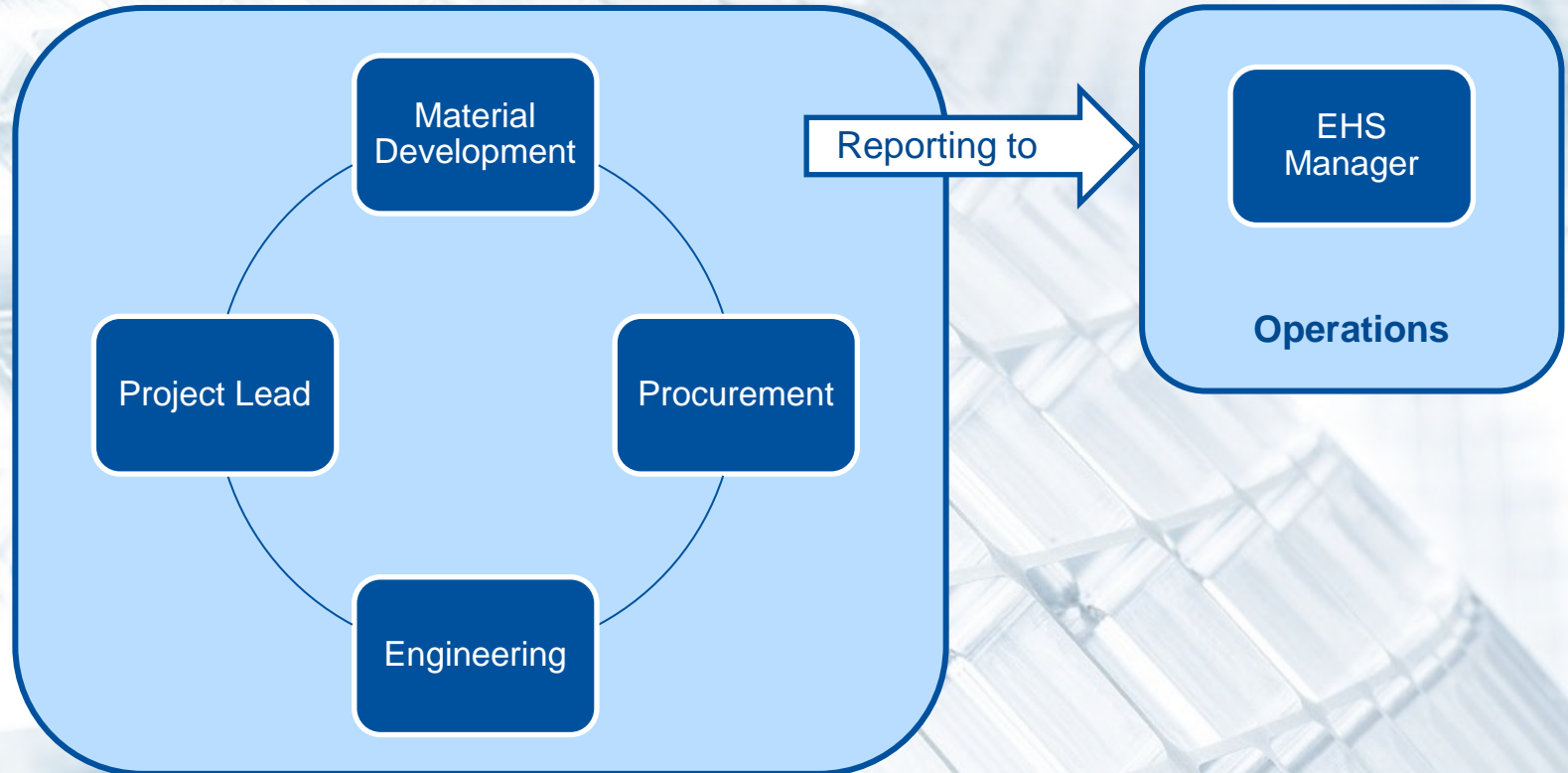
HYDROGEN TECHNOLOGY

Storage & supply systems



REACH MANAGEMENT

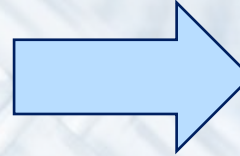
Reach Team



Tasks of the REACH Team

Processes

- Definition of internal processes affected by Reach
- Maintenance of the SAP EHS System (Substance Register)
- Respond to customer inquiries



**Advisory role
for all
departments of
the company**

Survey activities

- Monitoring of legislative changes
- Review of Annex XIV, XVII, SVHC lists
- Activities with external committees (MPTB)



**Inform the
relevant actors
within the
company**

Methods & Tools

Organisational instruction

- Define internal processes affected by Reach
- Clarify the responsibilities within the company

Obsolescence List

- Collect alerts from the supply chain
- Identify which projects are affected

SAP EHS System

- Substance Register
- Based on CAS Number





Common restricted uses in our sector

- Chrome VI for surface treatment (Chemical Conversion Coating, Anodizing, Primers)
- Cadmium for surface treatment

Further topics of concern

- Diisocyanates (exposure measurements)
- D4-6 cyclic siloxanes
- Bisphenol A (prepregs, resins)
- PFAS



Supply Chain

- Small order quantities → difficulty to get reliable information from the suppliers
- Specific processes which lead to Single Source Suppliers
- Dependency on Supplier Strategy

Substitution activities

High requirements of the aerospace sector

- Each product has its own specific requirements
- Difficulty to find equivalent substitutes

Long qualification timelines due to complex processes



Our message today:

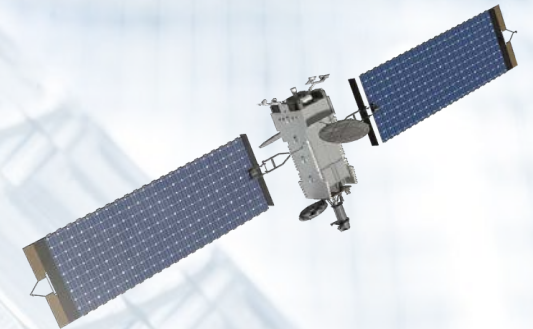
- Space sector is well aware of the importance of REACH regulation to ensure the safe use of chemicals both for the human health and the environment
- MT-A has defined processes & tools to ensure compliance

What do we need ?

Get a full recognition of the specificities of our sector:

- Strategic sector with critical and high requirements
- Exemptions for space & defense sector
- Simplified derogation processes

Ease the monitoring activities with transparent SVHC substances definition





MT AEROSPACE

An OHB Company

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