



Reference:

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arianeGROUP

REACH MANAGEMENT WITHIN ARIANEGROUP

4TH WORKSHOP ON REACH REGULATION

ESA HQ PARIS, 18TH OCTOBER 2022

Thorsten Ziegler

REACH Manager ArianeGroup Corporate

01

ABOUT ARIANEGROUP

ESSENTIALS

WORLD LEADER IN ACCESS TO SPACE

7,000
EMPLOYEES
IN FRANCE
& GERMANY
ARIANEGROUP
& SUBSIDIARIES

11
SUBSIDIARIES
& MAIN AFFILIATES

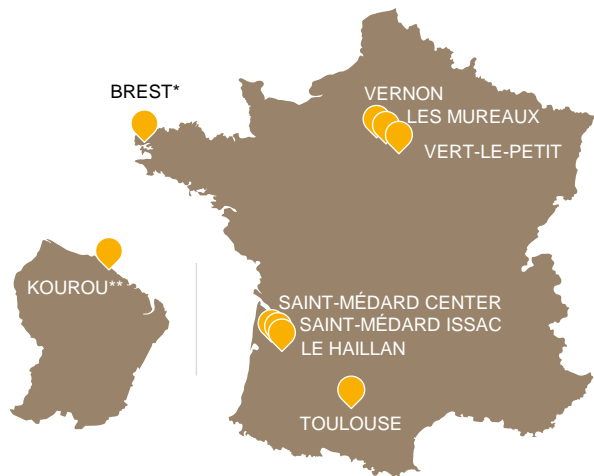
50/50
JOINT COMPANY
BETWEEN
AIRBUS & SAFRAN

€3.1 BILLION
REVENUES

	CIVIL LAUNCHERS	▶ Ariane 5 Ariane 6 Launch services
	DEFENSE	▶ M51 program
	EQUIPMENT & SERVICES	▶ For satellites, spacecraft For launchers For defense, security, critical infrastructures, and industry

LOCATIONS

FRANCE



GERMANY



* Secondment to the French Navy site on Île Longue

** Locations on the Guiana Space Center (CSG)

SUBSIDIARIES

APP

Klundert (Netherlands)

Arianespace

Kourou (France), Evry (France), Washington DC (United States), Singapore, Tokyo (Japan)

Cilas

Orléans, Mont Audouze, Le Barp, Aubagne (France)

Eurockot

Bremen (Germany)

Nuclétudes

Les Ulis (France)

Pyroalliance

Les Mureaux, Toulon (France)

Sodern

Limeil-Brévannes (France)

AFFILIATES

Europropulsion

Suresnes, Kourou (France)

Euro Cryospace

Les Mureaux (France)

Regulus

Kourou (France)

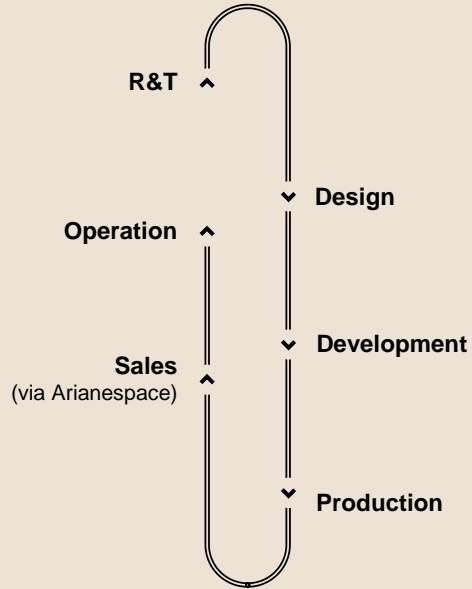
Starsem

Evry (France)

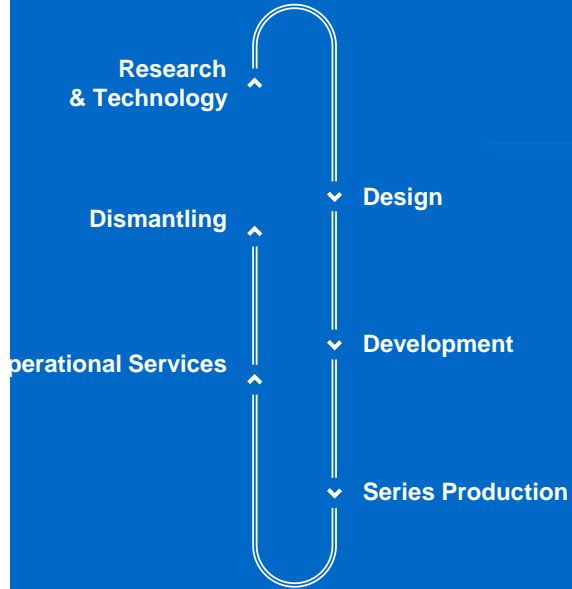
CIVIL AND MILITARY SPACE LAUNCHERS

UNIQUE KNOW-HOW IN THE ENTIRE LIFECYCLE

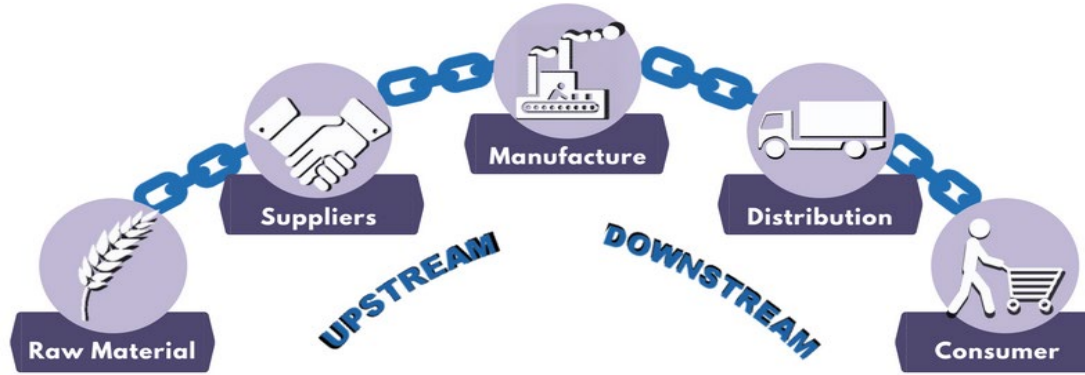
CIVIL LAUNCHERS



MILITARY LAUNCHERS



REACH OBLIGATIONS WITHIN THE ENTIRE SUPPLY CHAIN



Ensuring REACH Compliance through the Entire Supply Chain is our Daily Challenge

02

THE REACH ORGANISATION WITHIN ARIANEGROUP

THE REACH ORGANISATION WITHIN ARIANEGROUP

The REACH Team and its External Network

REACH Manager
ArianeGroup
Corporate

REACH Manager at ArianeGroup
Corporate Level, acting as the
company representative.

- ASD
- ESCC MPTB
- EDA

**REACH
Representative on
French perimeter**

- GIFAS
- CETIM

REACH
Leader
France

REACH
Leader
Germany

**REACH
Representative on
German perimeter**

- BDLI
- BDSV

THE REACH ORGANISATION WITHIN ARIANEGROUP

The ArianeGroup Internal REACH Network

Executive Committee
Members

REACH Steering Committee
(chaired by REACH Manager)

Reporting to

Technical & Industrial Directorates

- Solid Prop.
- Liquid Prop.
- Flight & Ground Systems

Program

- Ariane 5&6
- Defense
- Orbital Propulsion

Procurement

Health, Safety and Environment (HSE)

Obsolescence Management

Design for Environment

THE REACH ORGANISATION WITHIN ARIANEGROUP

Tasks of the REACH Steering Committee:

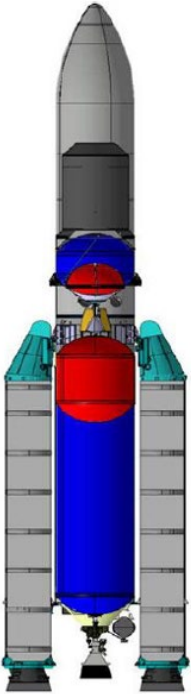
- Provide Status on Registration and Authorization
- Information Flow from External Network (top-down Reporting)
- Information Flow from Obsolescence, Programs and Technical / Industrial Directorates (bottom-up Reporting)
- Initiation of Impact Assessments
- Exchange on any other topics related to REACH
- **Concludes on actions & decisions as required!**



03

THE SPECIFICS OF OUR BUSINESS AND OUR CONCERNS HOW REACH WILL FURTHER EVOLVE

THE SPECIFICS OF OUR BUSINESS



Space Specific Use:

- Solid and Liquid propellants like Hydrazine, MMH or Ammonium Perchlorate
- ArianeGroup as Manufacturer and Importer of Substances with all REACH Registration obligations

Common Uses within Aerospace & Defence Sector:

- Cr VI or Cadmium for surface treatment applications
- Ni Salts and Boric Acid in Galvanic Application

Broader Use but with strict Performance and Reliability Requirements:

- Bisphenol-A, PFAS, Diisocyanates, OPE

THE SPECIFICS OF OUR BUSINESS



Manufacturer and Integrator of “Complex Articles”

Complex Supply Chain:

- With even “given” suppliers, e.g. for geo-return reasons
- with Single Source Suppliers without alternatives

High Performance and Reliability Requirements:

- complex qualification requirements
- Long term compatibility and long endurance verification requirements
- High reliability is key for our business!

OUR CONCERNS HOW REACH WILL FURTHER EVOLVE

Due to the Specifics of our Sector, we require:

- **a recognition of our strategic sector:** Due to our critical safety and airworthiness requirements and contribution to EU key policies, uses of substances for Aerospace & Defence products without viable alternatives shall be covered by the **Essential Use concept by definition!**
- **Simplified, reliable and fast tracking authorization / derogation processes**
- **transparency and a clear understanding of which substances are being identified as SVHCs**



OUR CONCERNS HOW REACH WILL FURTHER EVOLVE

ArianeGroup fully supports the intent of REACH to ensure a high level of protection of human health and the environment. Since the implementation of this EU chemicals regulation, we have **always demonstrated our support** and are **committed in meeting all regulatory requirements** that apply to our products.



But the legal obligations must remain **manageable and affordable**, enabling us to **further comply with all regulatory requirements** in a global business environment with a **level playing field!**



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ENABLING EUROPE
TO ACCESS SPACE,
FOR THE BENEFIT OF EVERYONE
IS WHAT WE DO EVERY DAY.

Alain Charmeau
CEO of ArianeGroup

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