

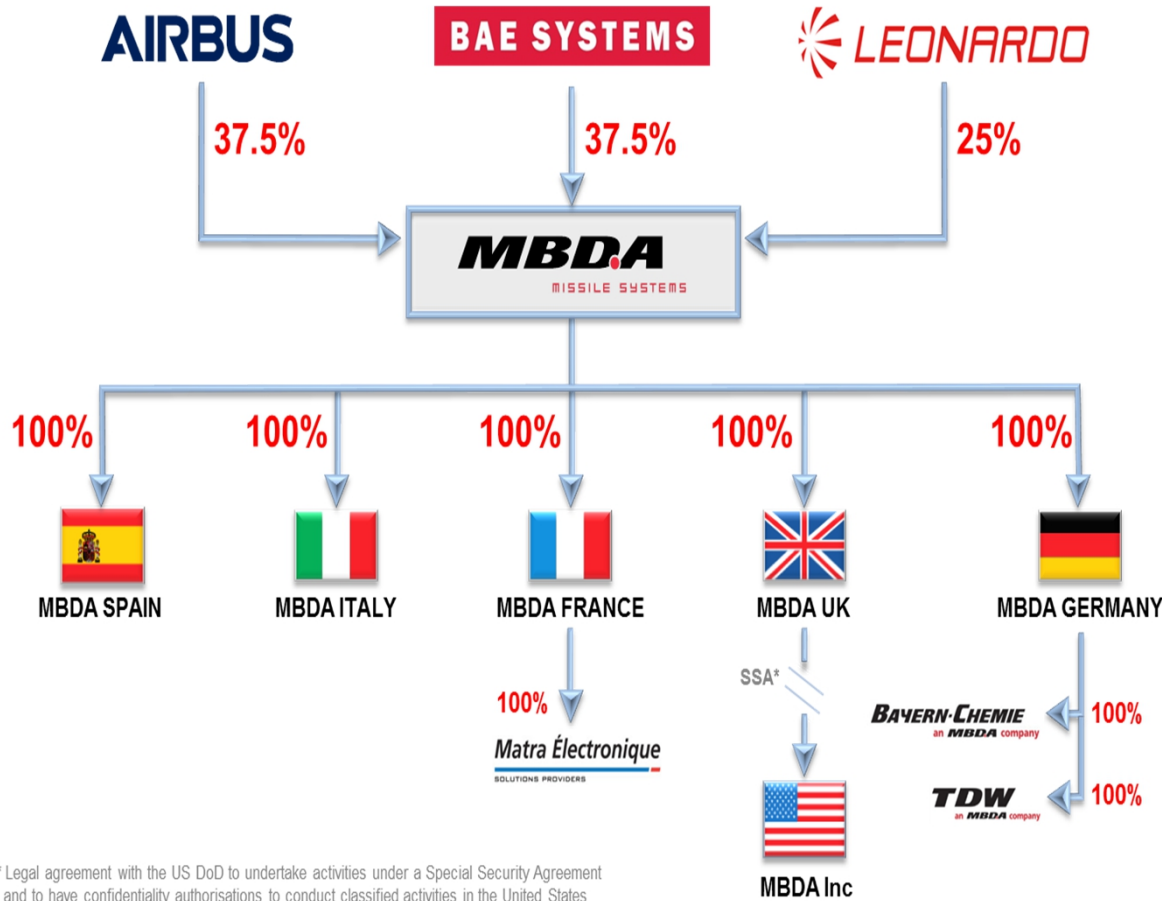


MBDA: Company presentation and SW Engineering & Technologies Function brief

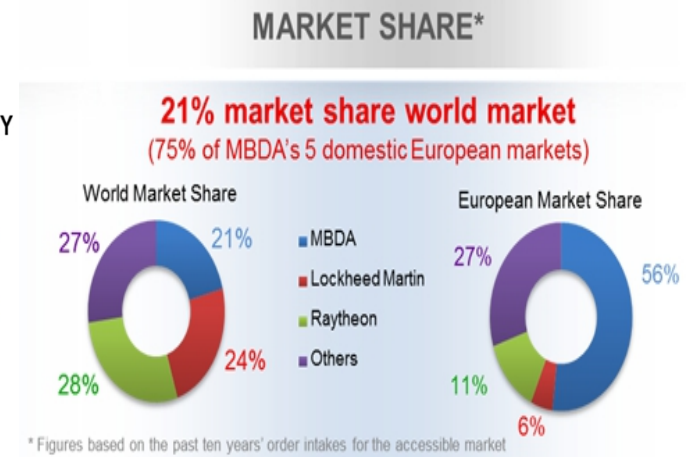
Guido Dell'Era: Head of Surface Attack SW
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13th September 2018
at 3rd Italian Workshop on Embedded Systems (IWES 2018)

MBDA
MISSILE SYSTEMS

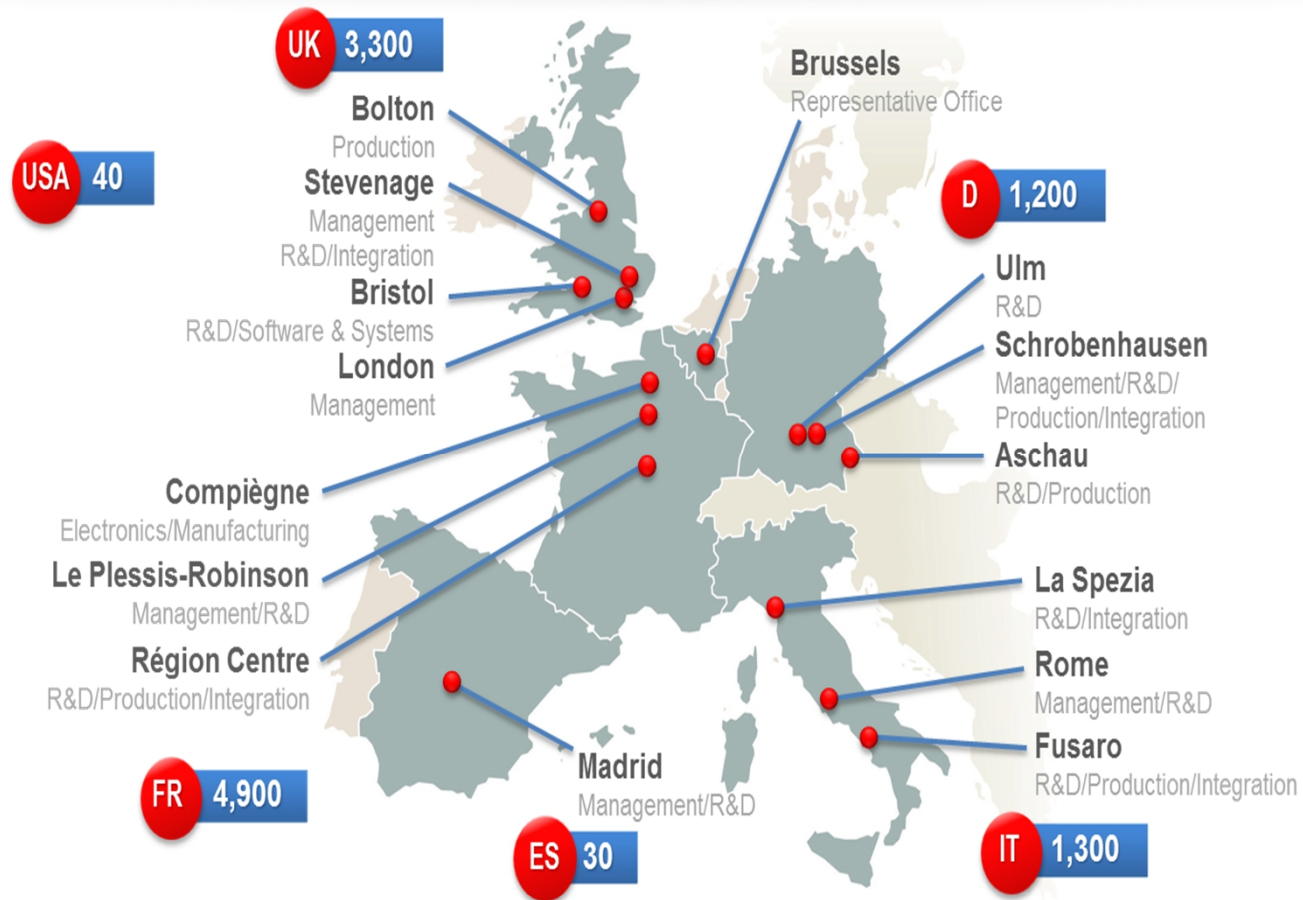


* Legal agreement with the US DoD to undertake activities under a Special Security Agreement and to have confidentiality authorisations to conduct classified activities in the United States





More than 10,500 people worldwide, 60% in Technical/Engineering functions





Four market sectors, for all missions, for all services

MARITIME SUPERIORITY



AIR DOMINANCE



GROUND BASED AIR DEFENCE



BATTLEFIELD ENGAGEMENT





MBDA Vision, Mission, Values & Strategy

Our Vision

To be the European missile systems champion and a global player.

Our Mission

To operate as a trusted part of the defence community in our home nations and with their allies: providing decisive military capability to protect national security and enable strategic independence.

Our Values



INNOVATION

Ensuring operational and strategic advantage.



COMMITMENT

Always delivering on our promises.



INTEGRITY

A reliable and trusted partner with the highest professional and ethical standards.



PASSION

Applying all our energy and focus to every task, recognising our role in providing mission critical capabilities.



TEAM SPIRIT

Harnessing our diversity and collective purpose to deliver competitive advantage to all of our stakeholders.

Our Strategy

1

Developing a partnering relationship and securing access to sovereign capabilities for our home nations.

2

Promoting programme cooperation and industrial consolidation in Europe.

3

Growing export sales and building up strategic partnerships outside Europe with our home nations' allies.

4

Continuing development of a competitive and high performance offering across all missile and missile systems domains.

5

Delivering operational excellence and maintaining industry leadership.



Our people, our greatest asset

- **We emphasise an inclusive and collaborative work environment with training and development available for all employees offering roles which are challenging and fulfilling**
- **We acknowledge the effort and talent of our employees through various recognition schemes and awards**
- **We encourage a diverse culture, promote equal opportunity for all our employees, whatever their age, background, gender or sexual orientation**
- **We provide a work environment where staff at all levels are valued and respected, and where discrimination, bullying, promotion of negative stereotyping and harassment are not tolerated**
- **We have developed a number of partnerships with schools and universities to interest young people in engineering careers and to combat skills gaps**



Focus on SW Engineering & Technologies (SET) inside MBDA

Being MBDA an Engineering company, a great part of the organization is focused on designing Missile and Weapon Systems. This is done inside the “System and Missile Design” directorate.



SW Engineering & Technologies is part of the Joint Design Process together with **System Design & Validation**, **Weapon System and Missile Architecture** and **Missile Dynamics** for Algorithm design.

SET is a International Function between France, UK and Italy.



SET Mission

Our mission is to design and deliver national and multi-national projects, acting as a unique Software Design Authority Internal Supplier accountable for the Technical choices (from PL adoption to Architecture, Design, Development, Integration and Verification & Validation phases) and the achievements of the software Deliveries On Time, On Costs, On Quality (OTOCOQ).

One multi-national capability entity:

- delivering Products Lines
 - Road Maps & BCs
 - Generic Architectures and reusable core components
- focus on Processes, Technologies, Methods & Tools convergence, development and deployment in projects
 - Technology Strategy & Plan + IRAD
 - Capability Improvement Plan

Specific Design and Delivery entities:

- designing and delivering national and joint Fr/UK/It software projects
- covering all types of Products [Weapons Systems – (missiles & launchers), Simulators, Test Benches, Trainers]

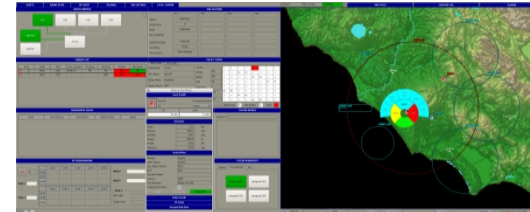


**SET is made by two main entities:
Software Product Line & Capabilities + Design & Delivery**

Software Product Line & Capabilities

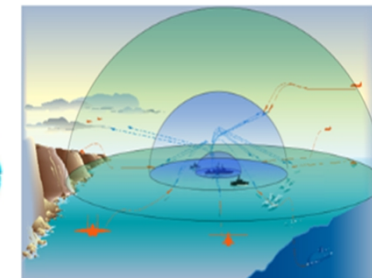
One multi-national capability entity:

- delivering Products Lines
 - Road Maps & Business Cases
 - Generic Architectures and reusable core components
- focus on Processes, Technologies, Methods & Tools convergence, development and deployment in projects
 - Technology Strategy & Plan + Applied Research
 - Capability Improvement Plan



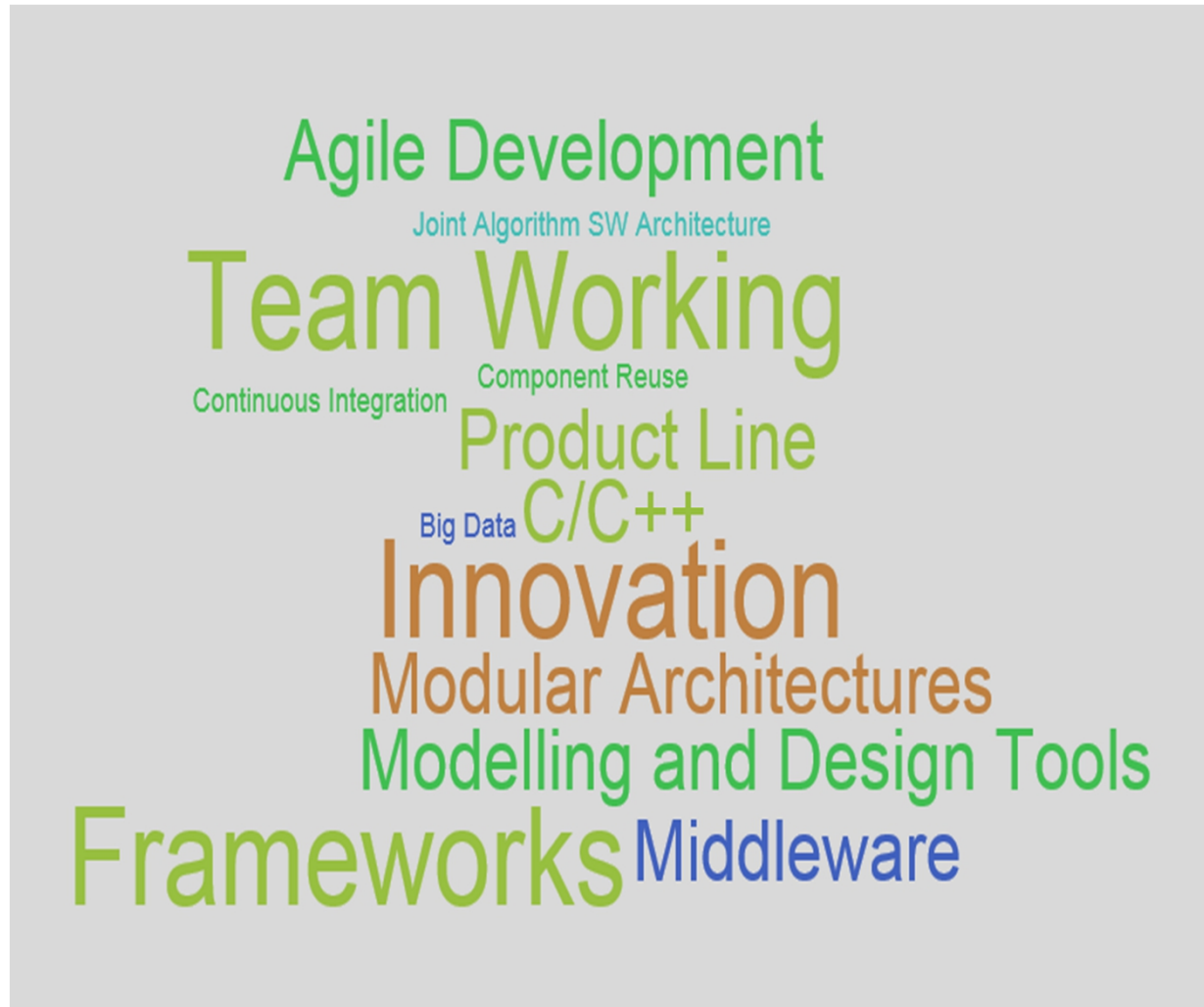
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Some technology key points





<https://www.mbda-systems.com/>