

lombardia
aerospace
cluster



Aeronautic background in Lombardia

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Know-How



Innovation



History

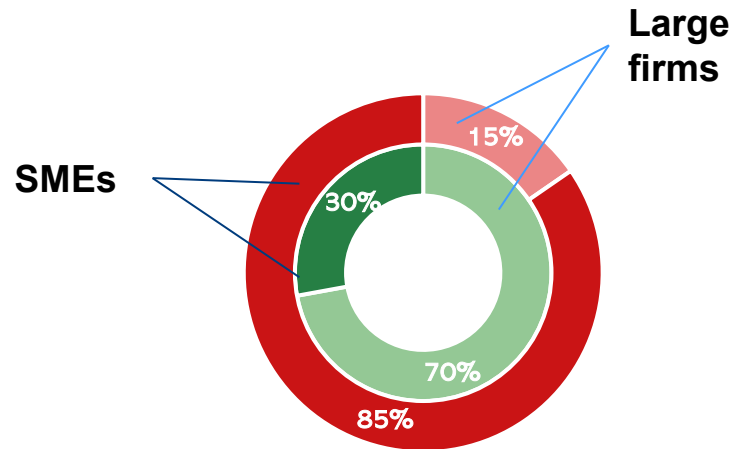


Sector Profile in Lombardia

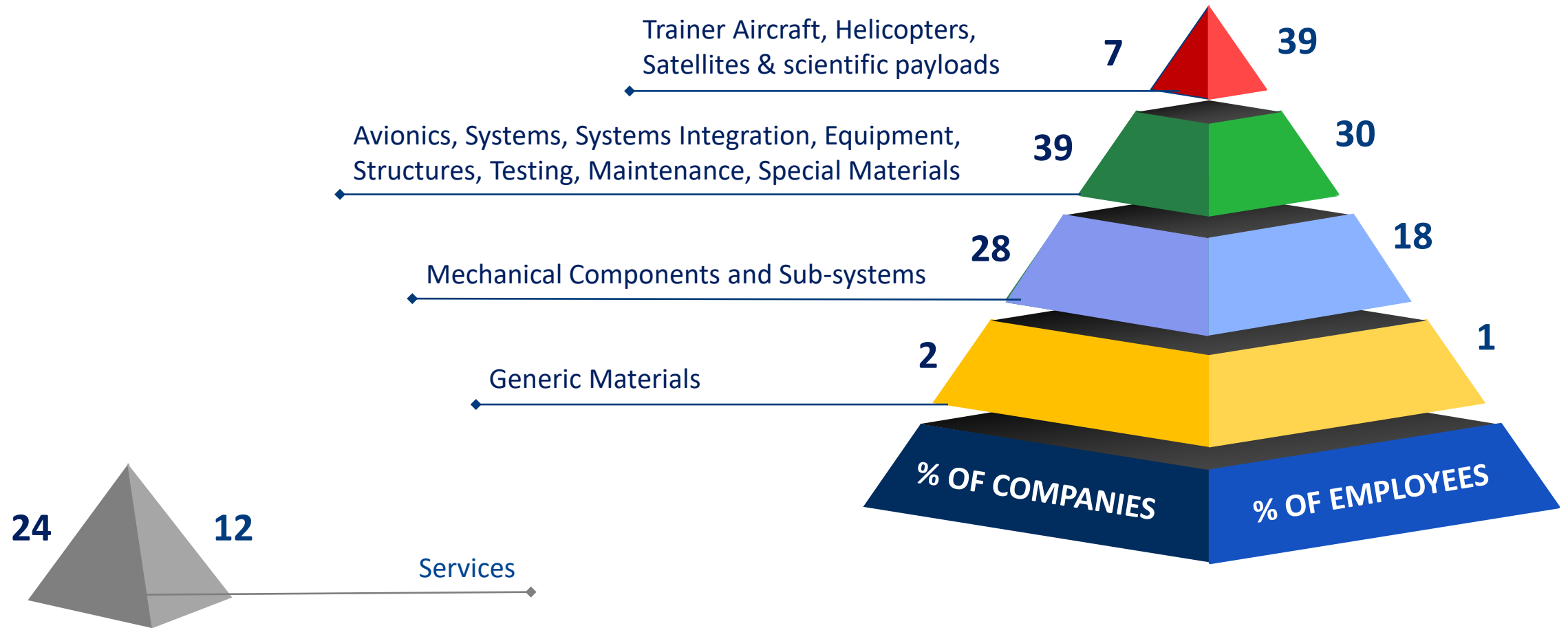
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**



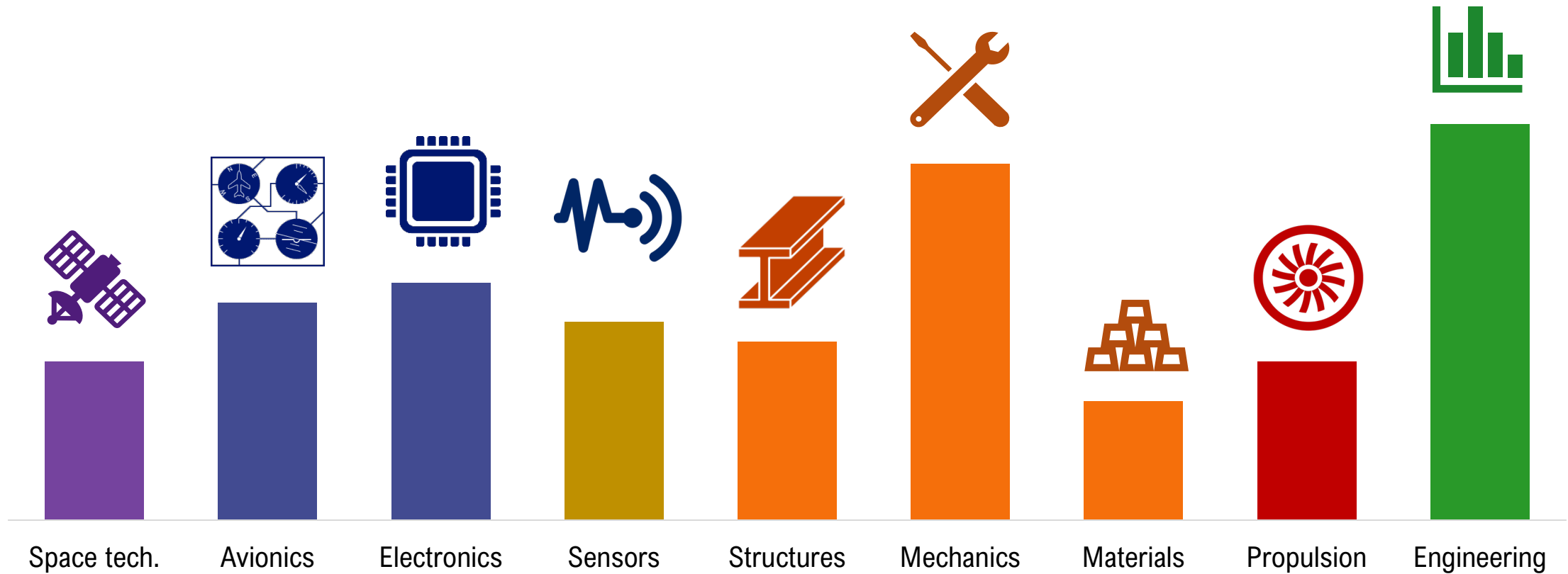
The turnover is **6.3 billion euros** and the export is about 1 billion euros per year (**1/4 of the Italian export**)



Lombardia Production Structure



Main technologies



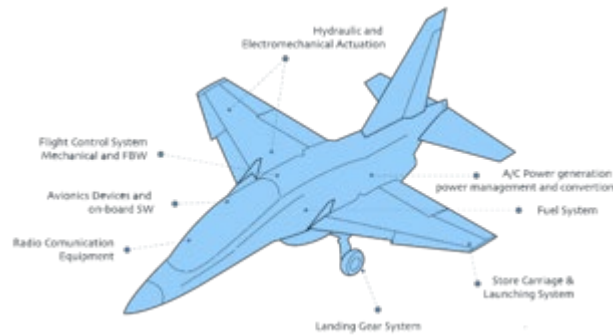
The Cluster

Products: our Pillars

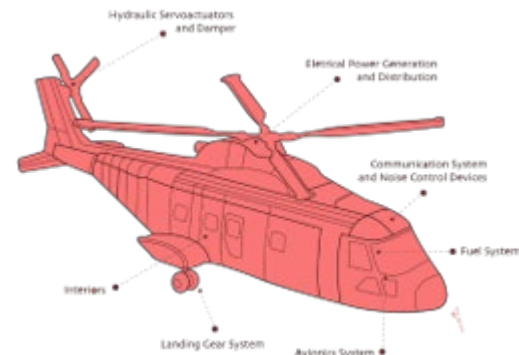
Three levels of flight, three complete supply chains

Products: our Pillars

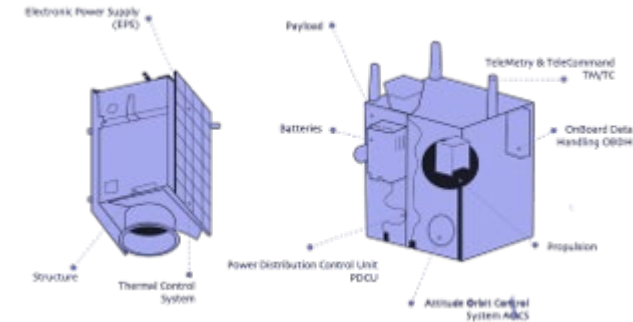
Three levels of flight, three complete supply chains



Hydraulic & electromech. actuation
Electric power generation
Electric power management
Flight Control System
Radio communication equipment
Avionics & Navigation
Landing gear system
Storage carriage & launching
Ground support equipment
Structures & Materials
Components



Hydraulic servoactuators & Dampers
Electric power generation
Electric power management
Radio communication equipment
Vibration reduction systems
Interiors
Noise reduction systems
Avionics & Navigation
Landing gear systems
Structures & Materials
Components



Thermal control systems
TeleMetry & TeleCommand
Attitude Orbit Control
On-board Data Handling
Propulsion
Batteries
Electronic Power Supply
Power distribution control
Ground segment
Structures & Materials
Components

A 2x2 grid of icons representing different sectors. Each icon is enclosed in a rounded square with a red border. The top-left icon shows a red factory with a smokestack, with a blue circle containing the number '108' above it. The top-right icon shows a red graduation cap, with a blue circle containing the number '4' above it. The bottom-left icon shows a red lightbulb with rays emanating from it, with a blue circle containing the number '2' above it. The bottom-right icon shows three red silhouettes of people in business suits, with a blue circle containing the number '1' above it.

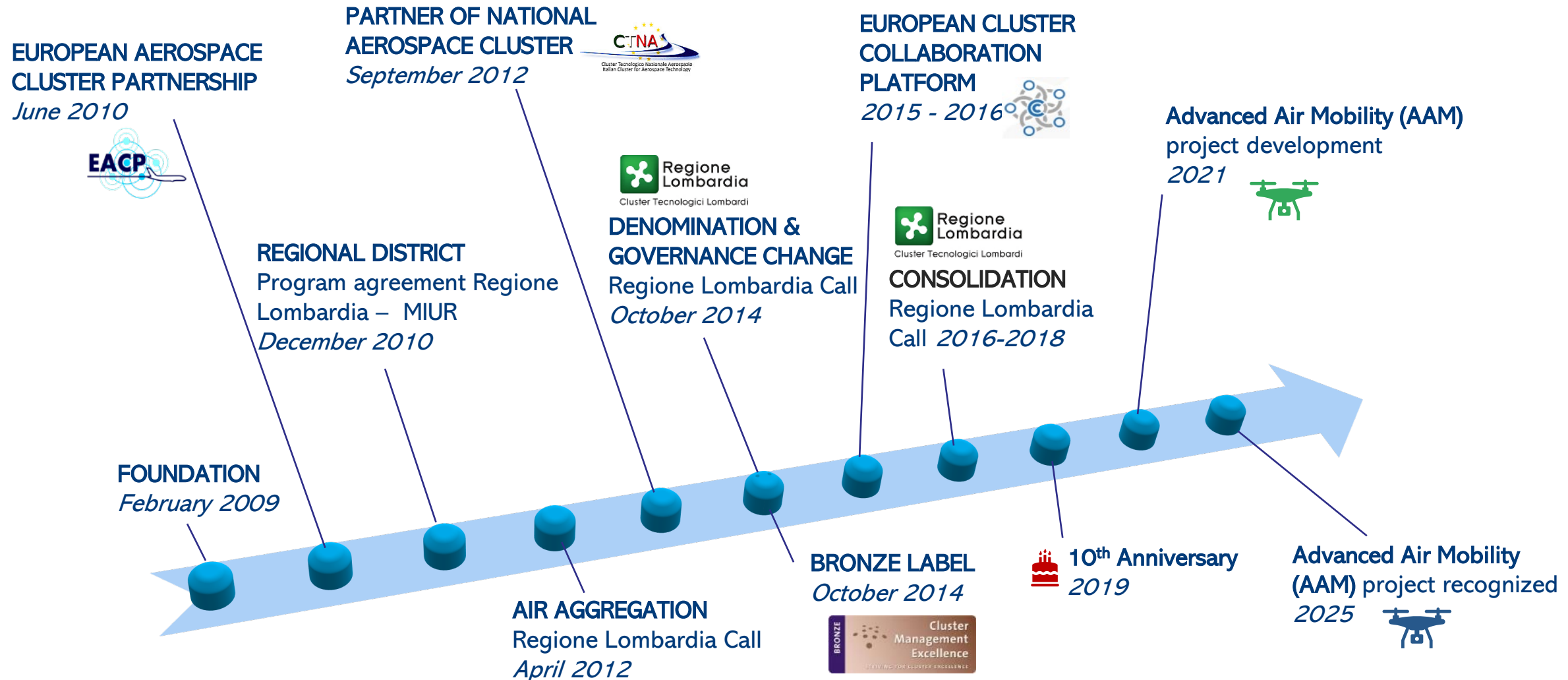


Categories of the supply chain and main actors



Main steps

from Comitato Promotore del Distretto... to Lombardia Aerospace Cluster



Strategy



VISION

- To provide the Lombardian aerospace system with a united, visible and identifiable collective identity, in constant communication with the outside world.
- To be the interface with Institutions and third parties about initiatives involving the Cluster as a whole (large companies, SMEs, universities, research centres).

M I S S I O N



To stimulate the **competitive growth** of SMEs through the sharing of technological scenarios, the aggregation and development of shared projects.



To foster **innovation**, the key feature of the Cluster, and promote support for research programs, especially towards SMEs..



To modernize the **supply chain** to ensure the competitiveness of SMEs towards major international players.



To promote the productive system and encourage the participation in **national and international airshows**, in order to increase SMEs' competitiveness.

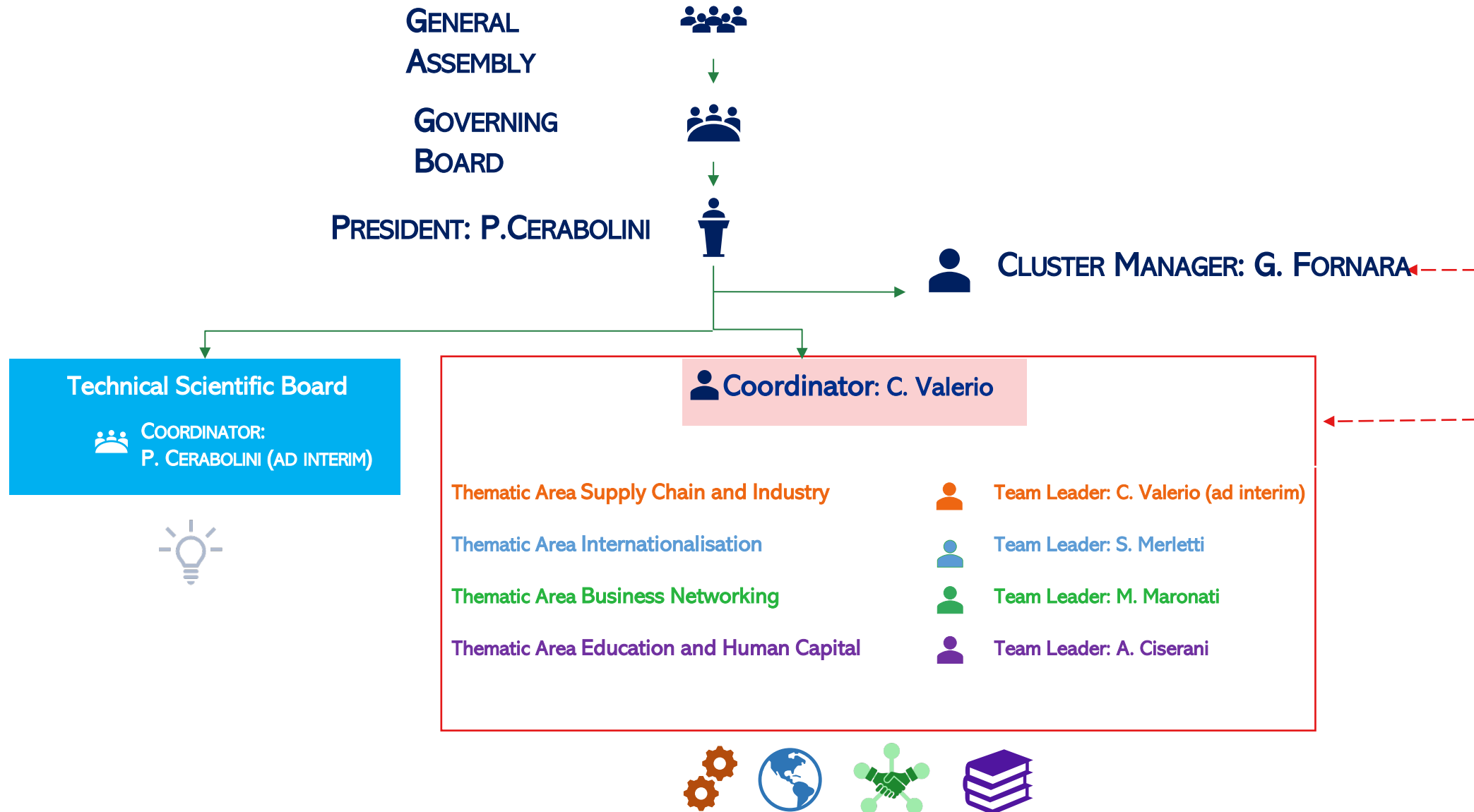


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



To strengthen the role of **institutional representative** towards Regione Lombardia with regard to industrial, national and European politics in the aerospace sector.

Governance





Member of:



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