

lombardia  
aerospace  
cluster



# Aeronautic background in Lombardia

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## Know-How



## Innovation



## History

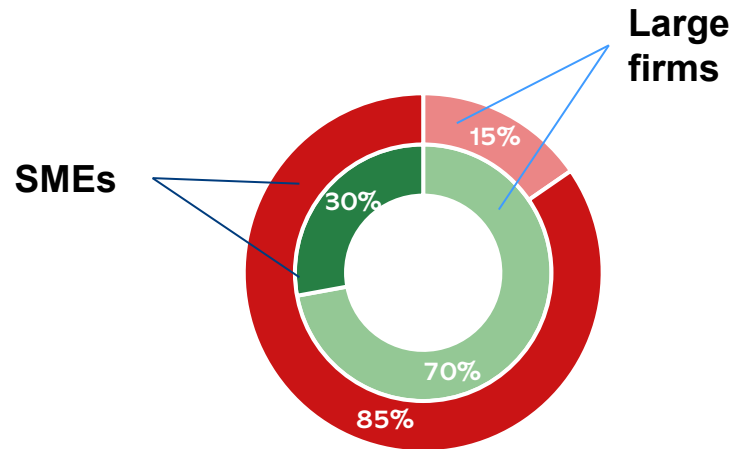


# Sector Profile in Lombardia

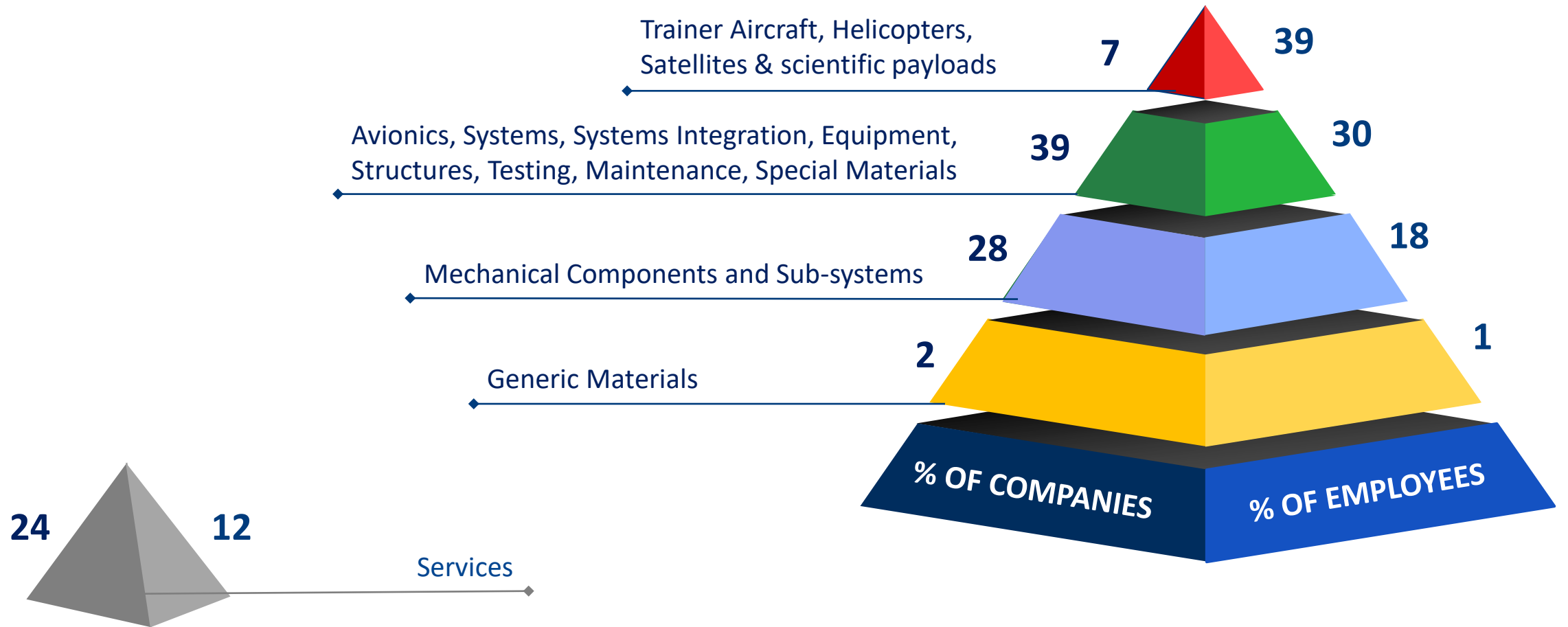
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**



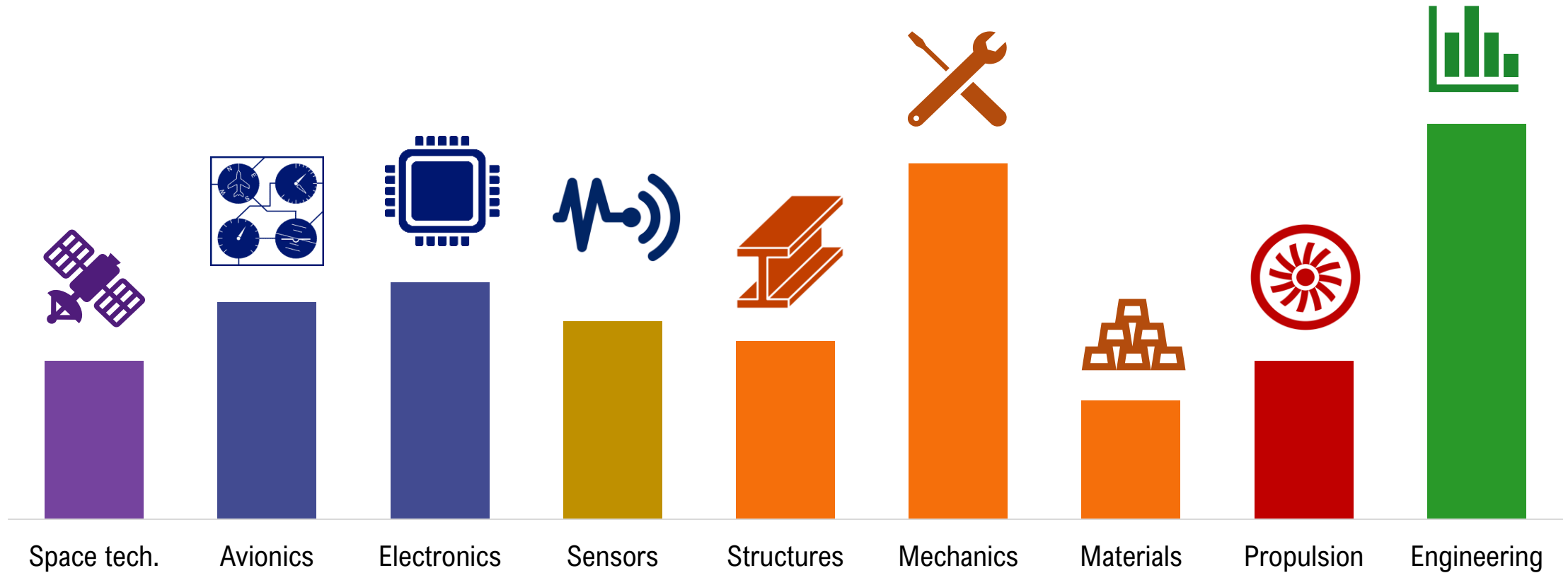
The turnover is **6.3 billion euros** and the export is almost 2 billion euros per year (**30% of the Italian export**)



# Lombardia Production Structure



# Main technologies



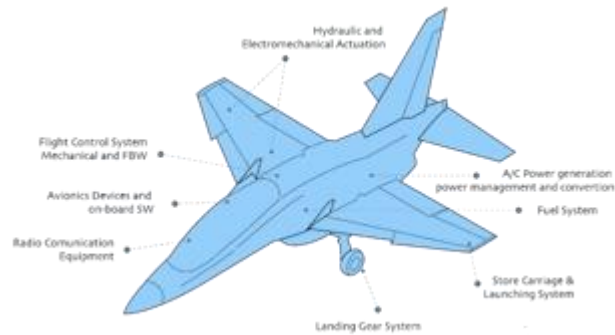
# The Cluster

# Products: our Pillars

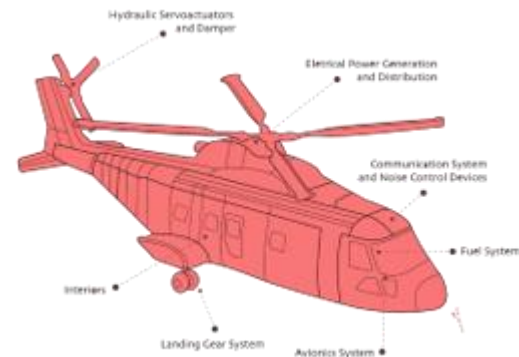
**Three levels of flight, three complete supply chains**

# Products: our Pillars

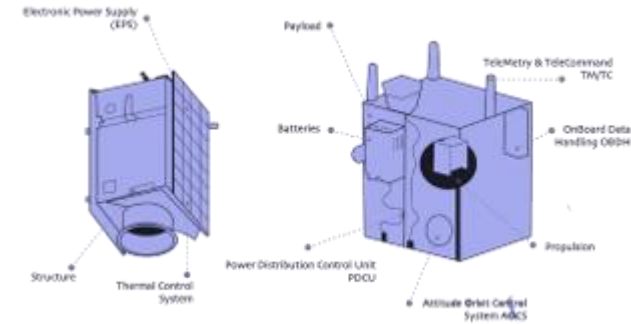
## Three levels of flight, three complete supply chains



Hydraulic/electromechanical actuators  
Electricity Power Generation and Management  
Flight Control System  
Radio and communications systems  
Avionics and navigation  
Landing gear  
Release of loads  
Ground support  
Structures and materials  
Components



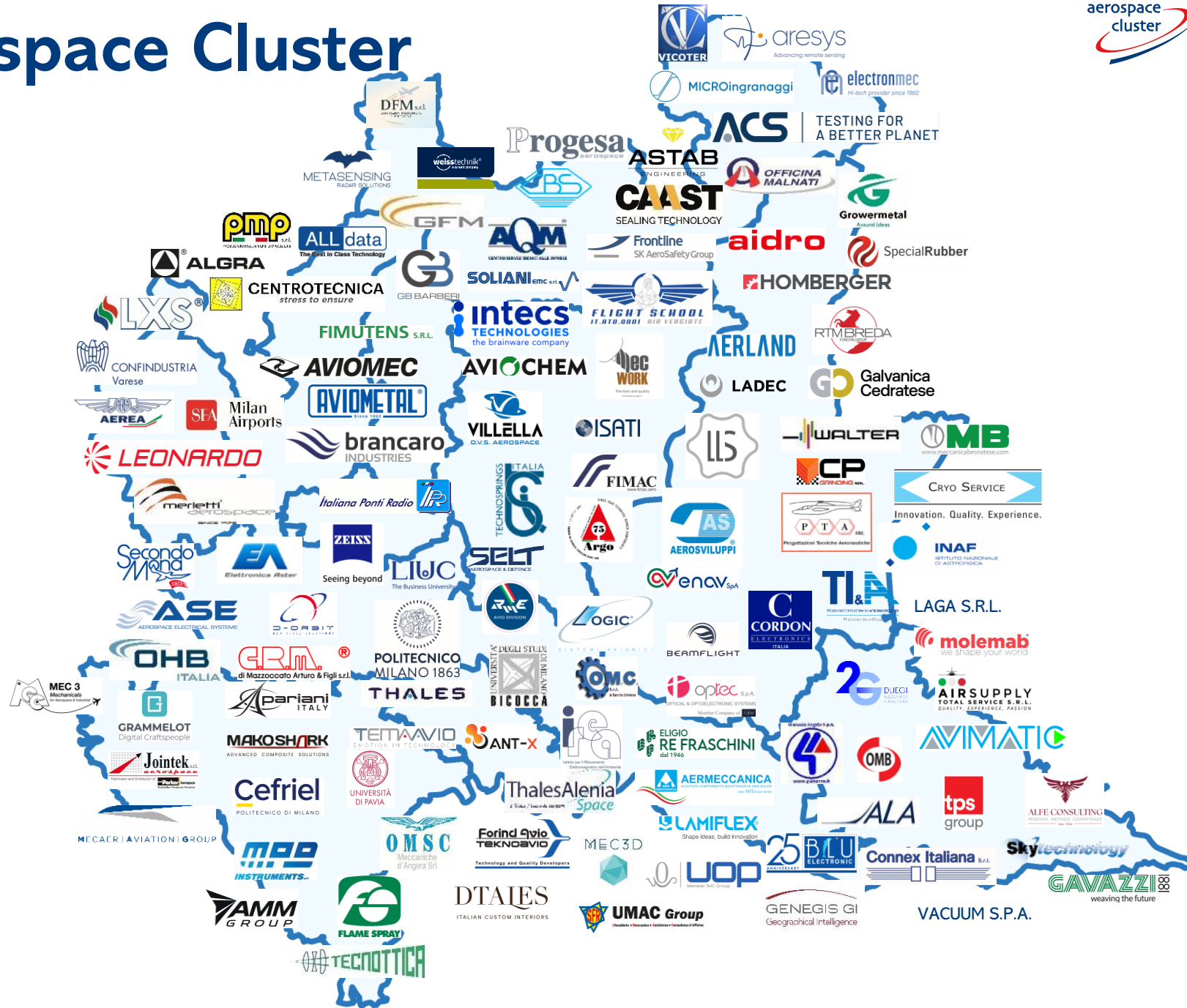
Hydraulic servo-actuators  
Electricity Power Generation and Management  
Radio and communication systems  
Vibration reduction systems  
Interiors  
Noise control systems  
Avionics and navigation  
Landing gear  
Structures and materials  
Components



Thermal control  
Telemetry and remote control  
Orbital and attitude control systems  
Data management on board  
Propulsion  
Batteries  
Electronic Power Supply  
Ground segment: satellite management and payload data processing  
Structures and materials  
Components

# Lombardia Aerospace Cluster

Our 119 members

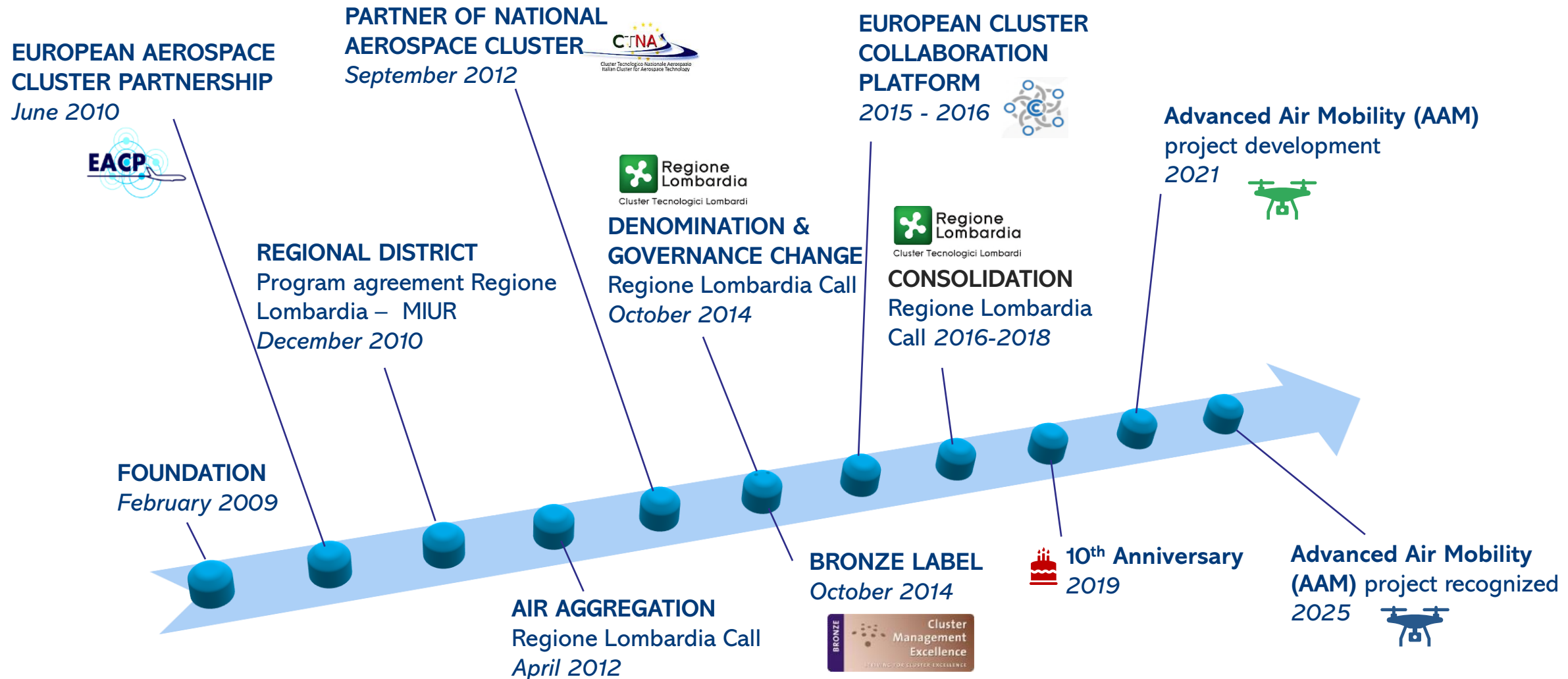


# Categories of the supply chain and main actors



# 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.

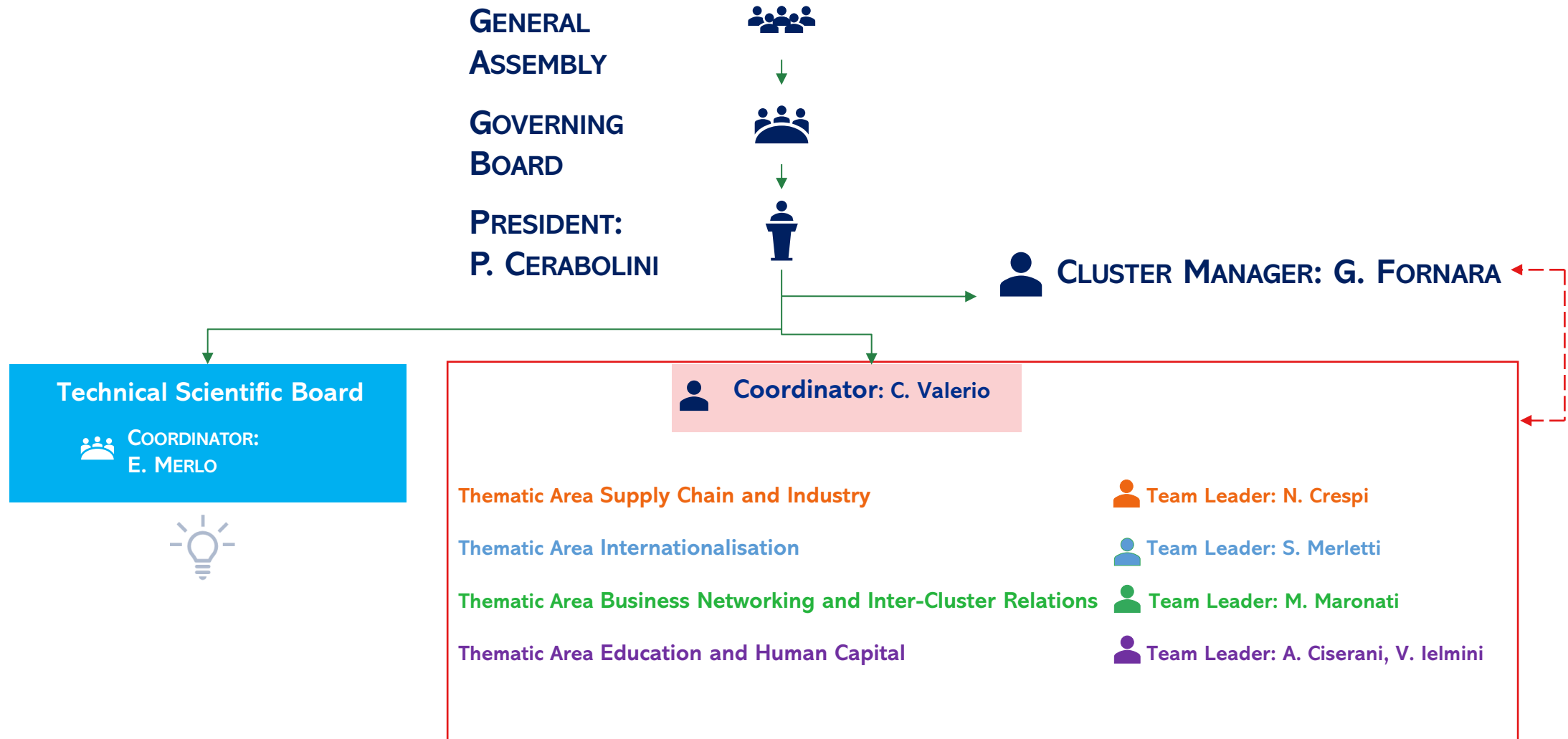


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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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