

lombardia  
aerospace  
cluster



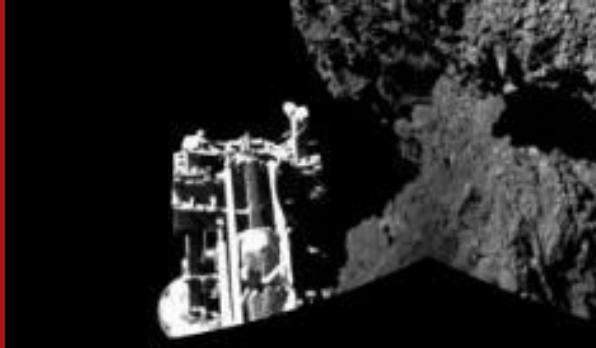
# Aeronautic background in Lombardia

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## Know-How



## Innovation



## History

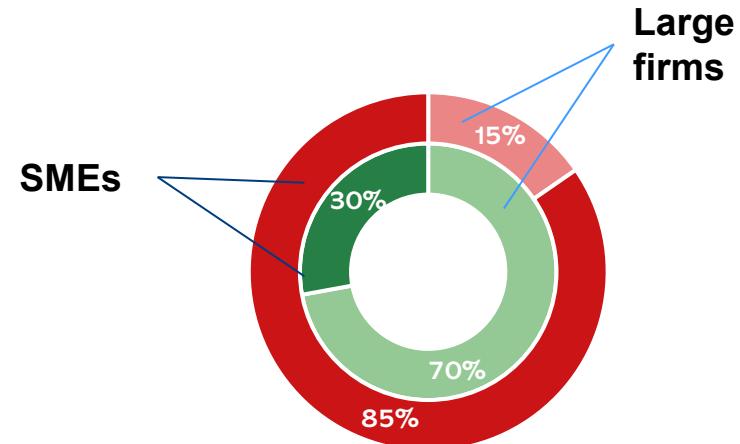


# Sector Profile in Lombardia

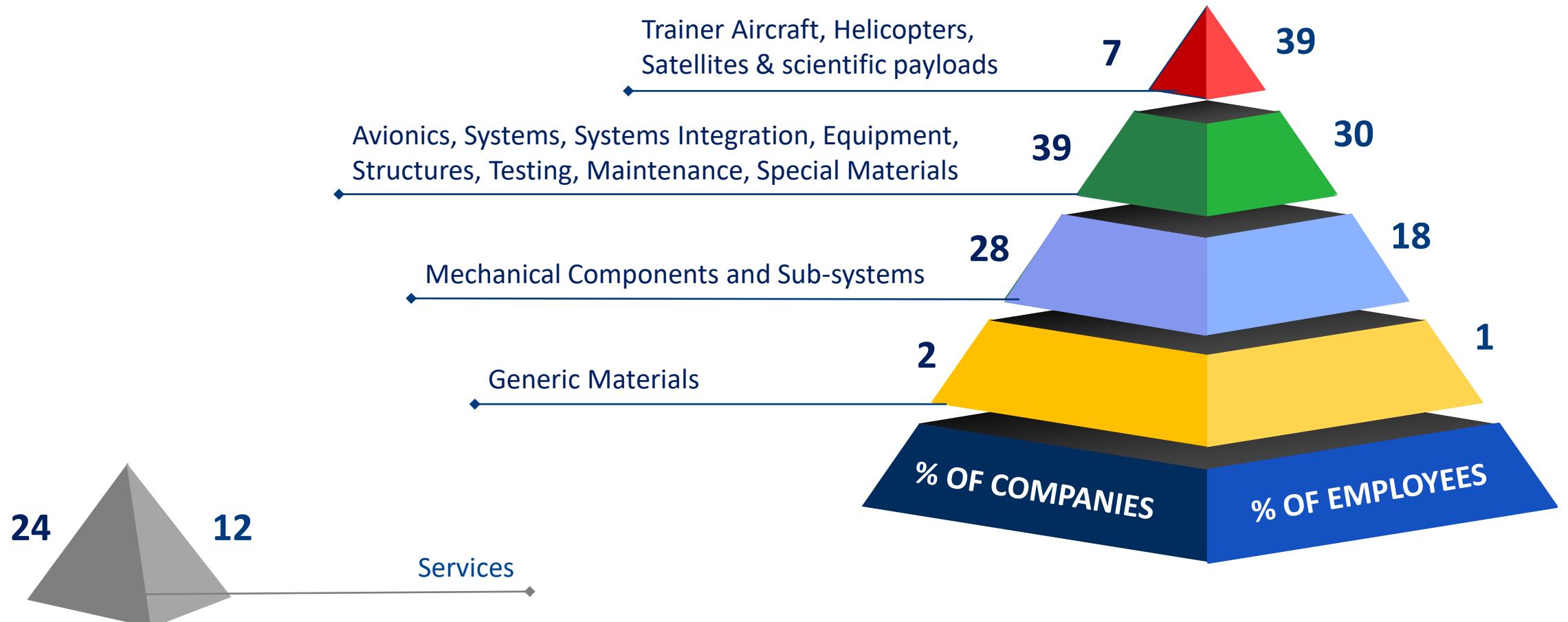
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**



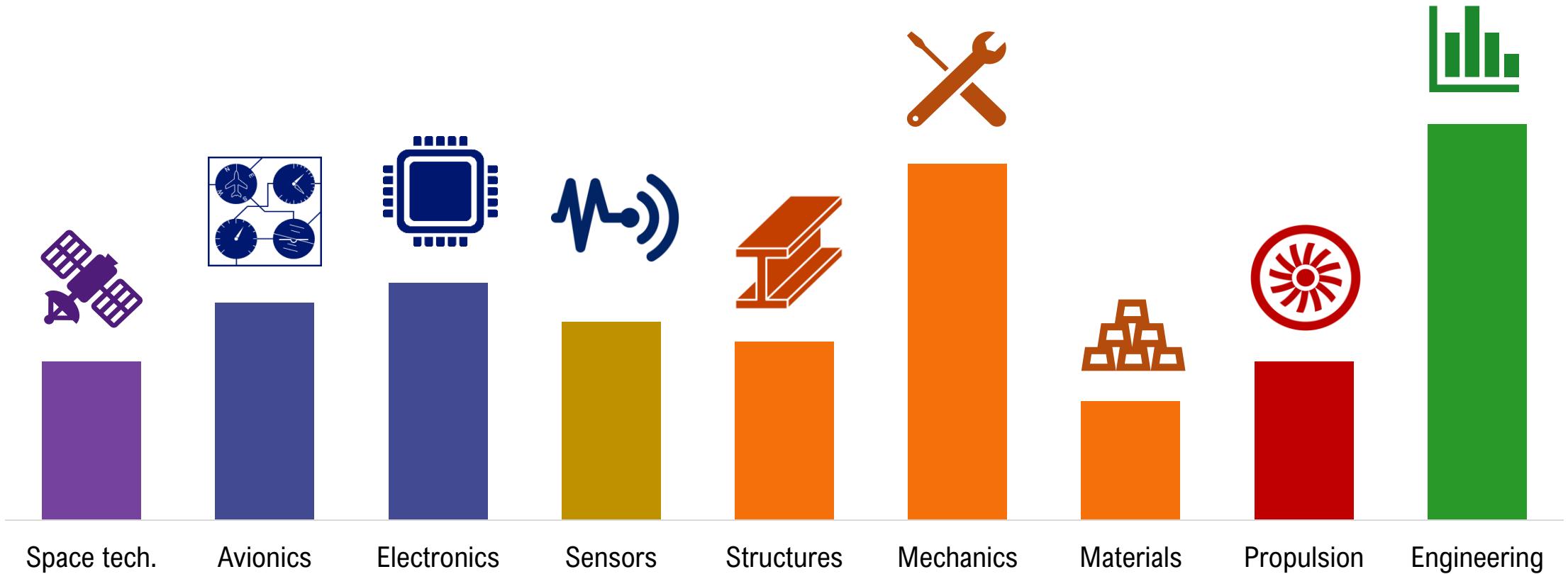
The turnover is **6.3 billion euros** and the export is almost 2 billion euros per year (**30% of the Italian export**)



# Lombardia Production Structure



# Main technologies



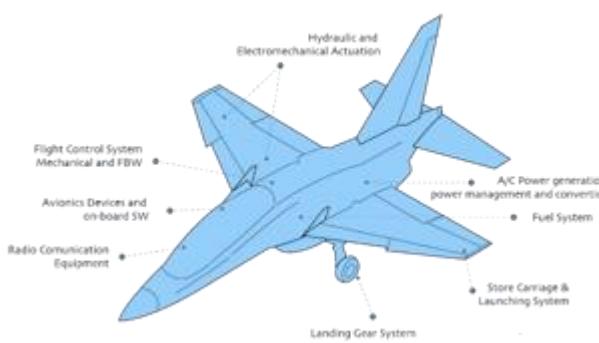
# The Cluster

# Products: our Pillars

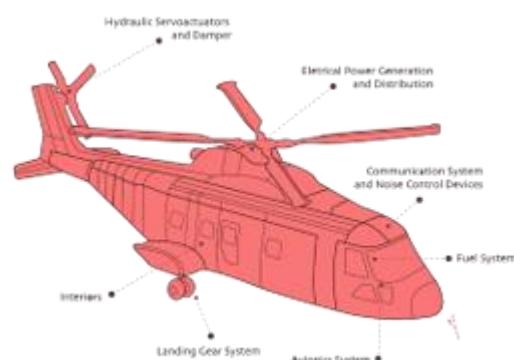
**Three levels of flight, three complete supply chains**

# Products: our Pillars

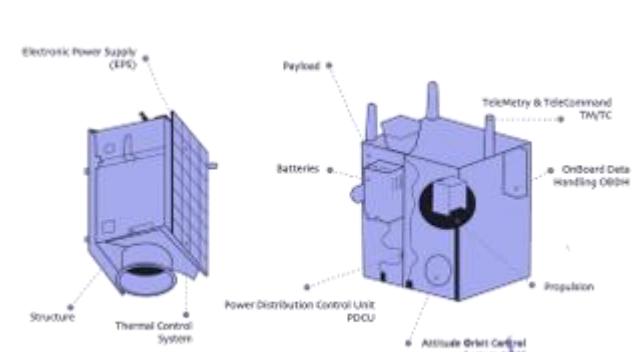
Three levels of flight, three complete supply chains



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

# Lombardia Aerospace Cluster

## Our 116 members

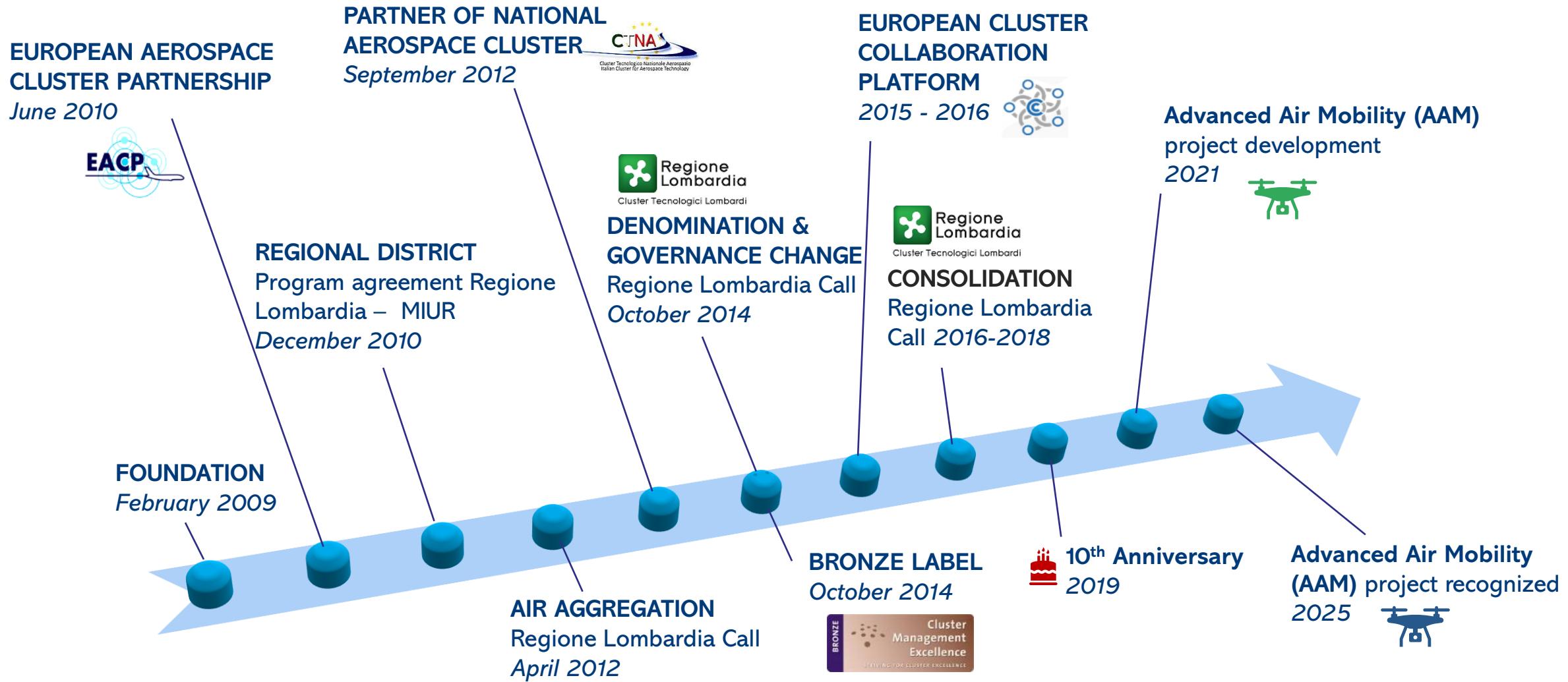


# Categories of the supply chain and main actors

Prime Contractors	Tier1 Companies	Universities	Research Centers	Air Traffic Management
   	   	   	 <small>istituto per il rilevamento elettromagnetico dell'ambiente</small>  <b>ISTITUTO NAZIONALE DI ASTROFISICA</b>	  

# 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.

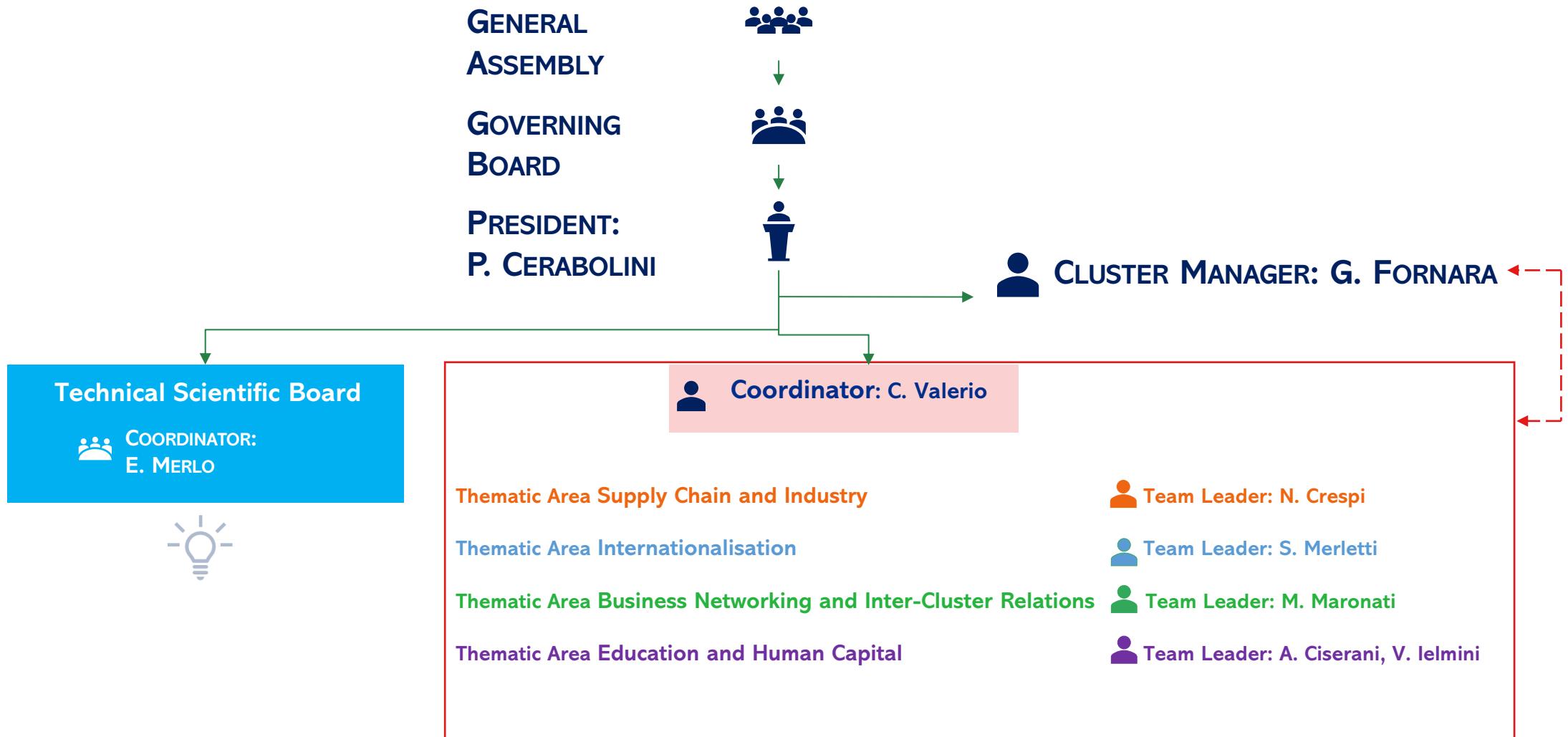


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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:



**Sede operativa:** c/o Confindustria Varese – Piazza Monte Grappa 5 – 21100 Varese – Italia

**Email:** [info@aerospacelombardia.it](mailto:info@aerospacelombardia.it)

**Telefono:** + 39 0332 251000

Lombardia Aerospace Cluster

@Aero\_Lombardy