

lombardia  
aerospace  
cluster

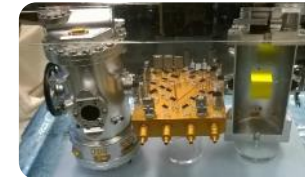
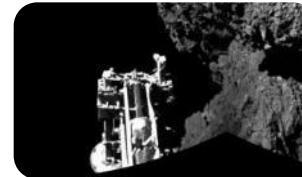


# Aeronautic background in Lombardia

## Know-How



## Innovation



## History

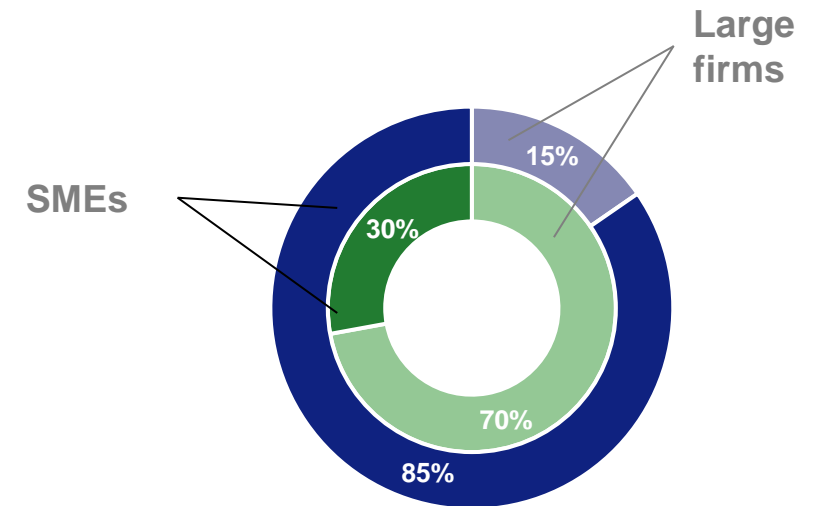
# Sector Profile in Lombardia



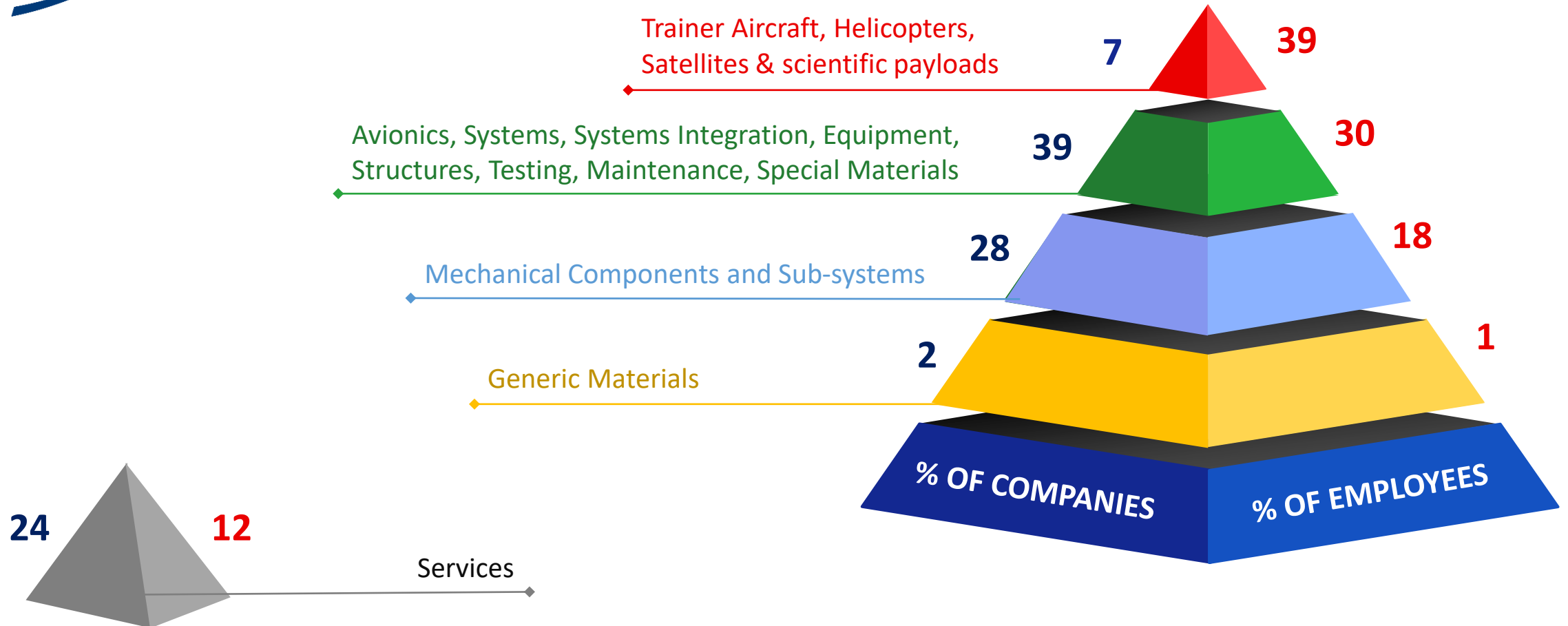
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**

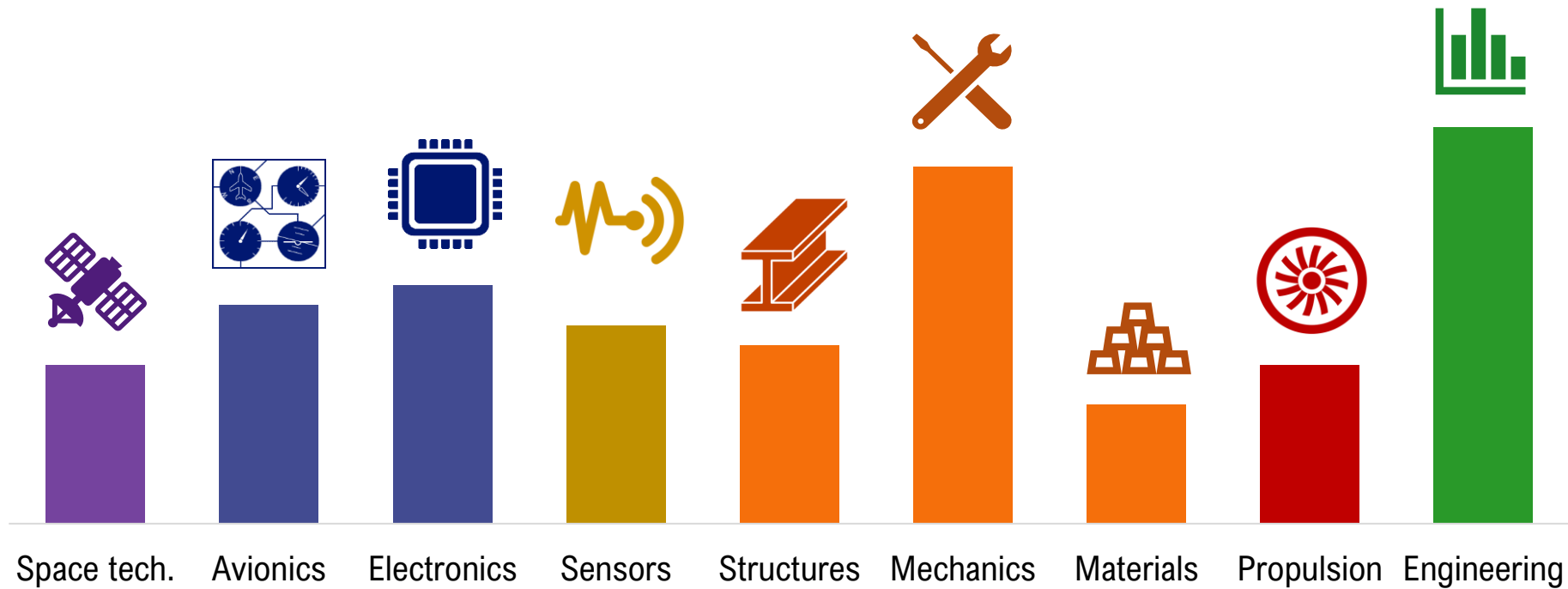


The turnover is 6.3 billion euros and the export is about 1 billion euros per year (1/4 of the Italian export)



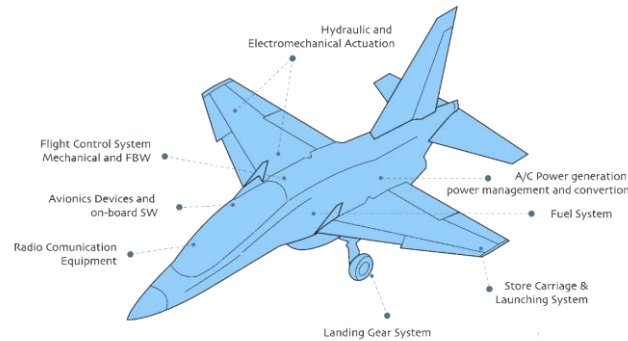
# Lombardia Production Structure



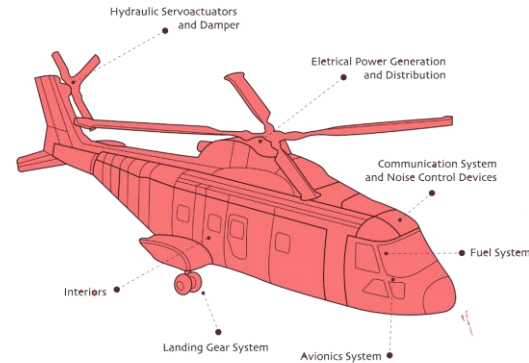


# The Cluster

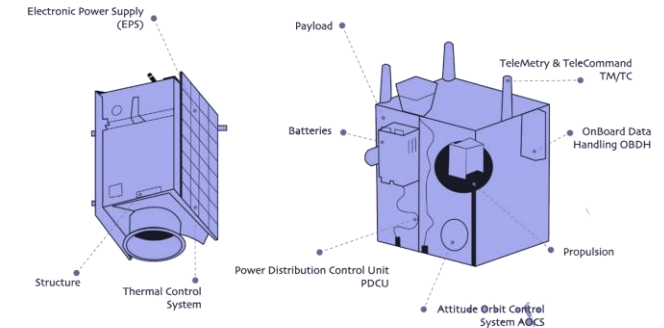
## Three levels of flight, three complete supply chains



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



## Our 115 members

# Lombardia Aerospace Cluster





# Categories of the supply chain and main actors



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

**EUROPEAN AEROSPACE  
CLUSTER PARTNERSHIP**  
June 2010



**PARTNER OF NATIONAL  
AEROSPACE CLUSTER**  
September 2012



**REGIONAL DISTRICT**  
Program agreement Regione  
Lombardia – MIUR  
December 2010



**DENOMINATION &  
GOVERNANCE CHANGE**  
Regione Lombardia Call  
October 2014

**EUROPEAN CLUSTER  
COLLABORATION  
PLATFORM**  
2015 - 2016



**CONSOLIDATION**  
Regione Lombardia Call  
2016-2018

**Advanced Air Mobility  
(AAM) project development**  
2021



**FOUNDATION**  
February 2009

**AIR AGGREGATION**  
Regione Lombardia Call  
April 2012

**BRONZE LABEL**  
October 2014



**10<sup>th</sup> Anniversary**  
2019





## 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).



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.

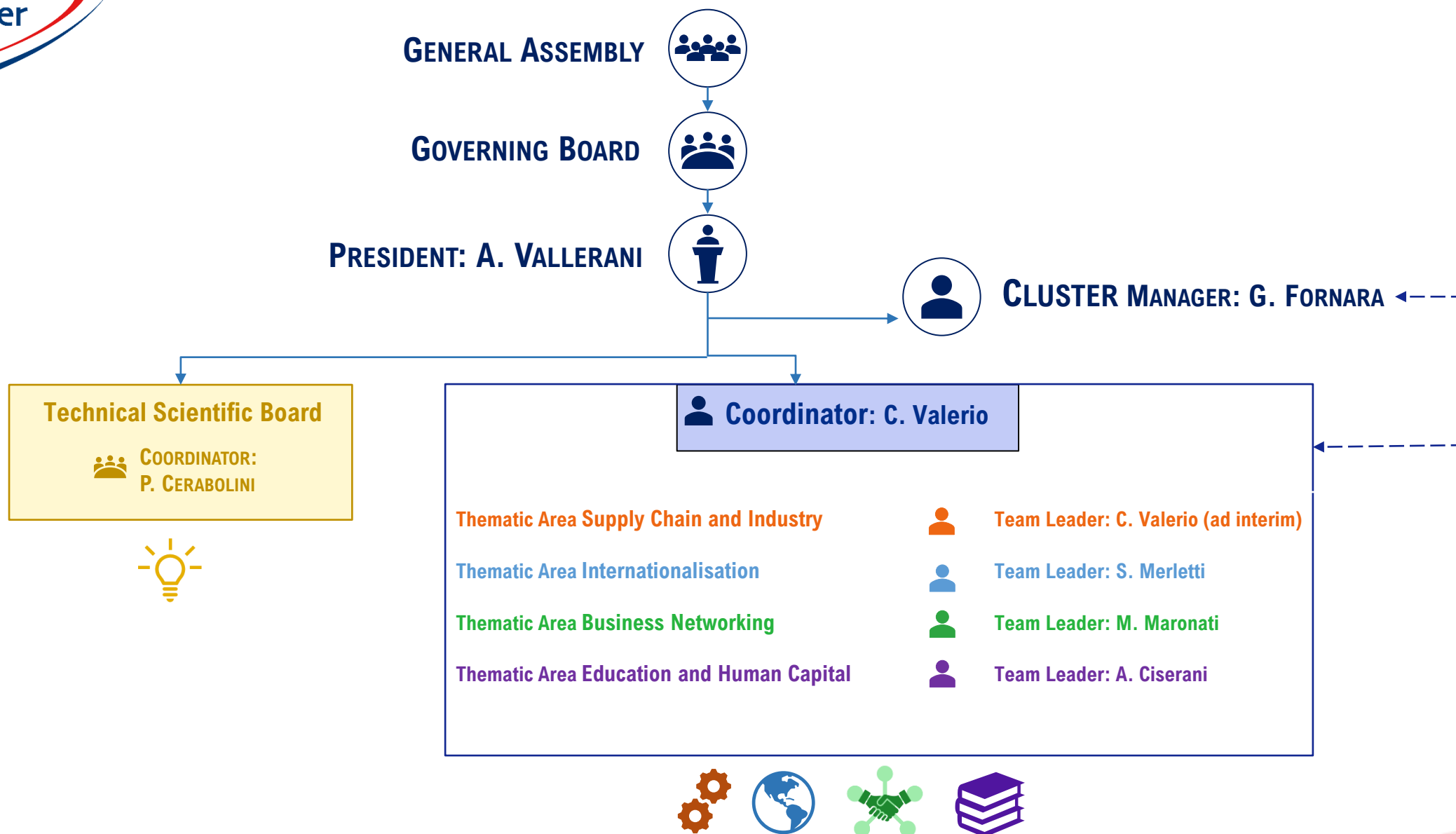


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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

## MISSION





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