

lombardia
aerospace
cluster

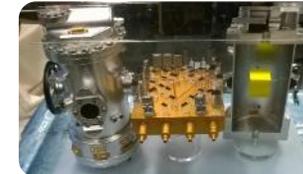
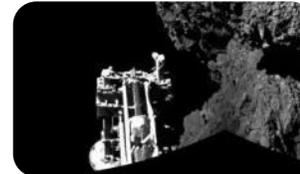


Aeronautic background in Lombardia

Know-How



Innovation



History

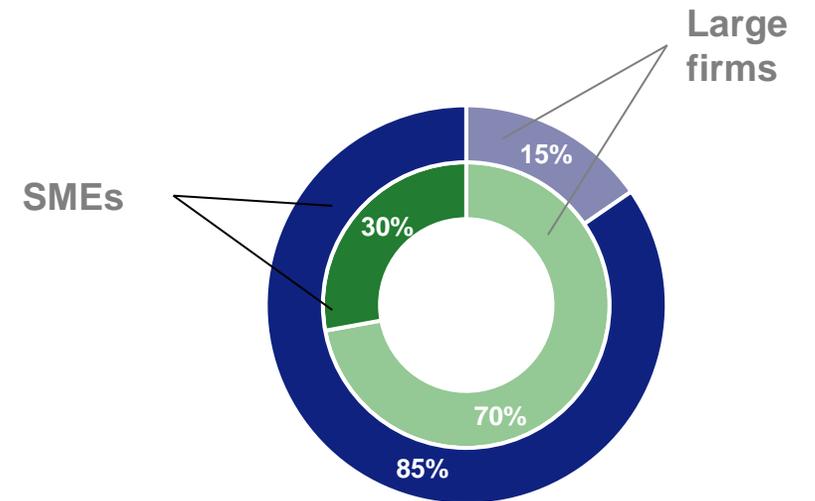
Sector Profile in Lombardia



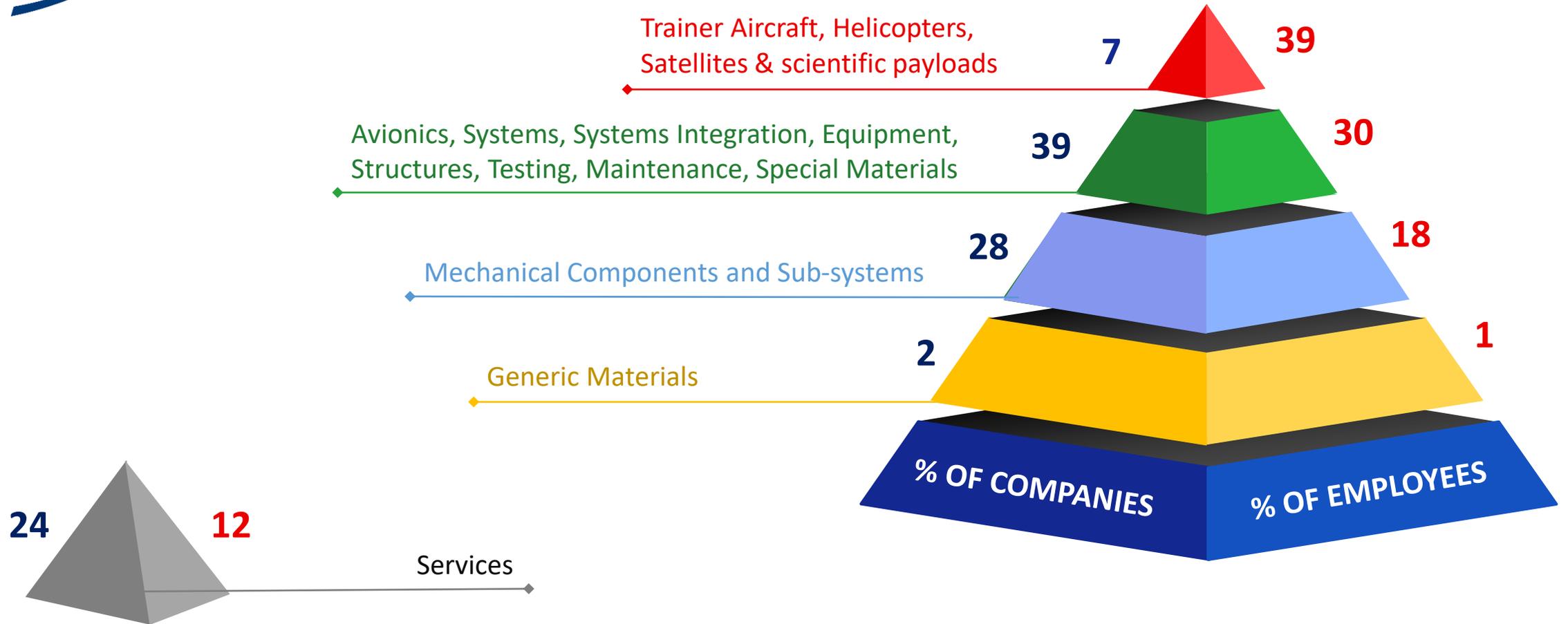
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**

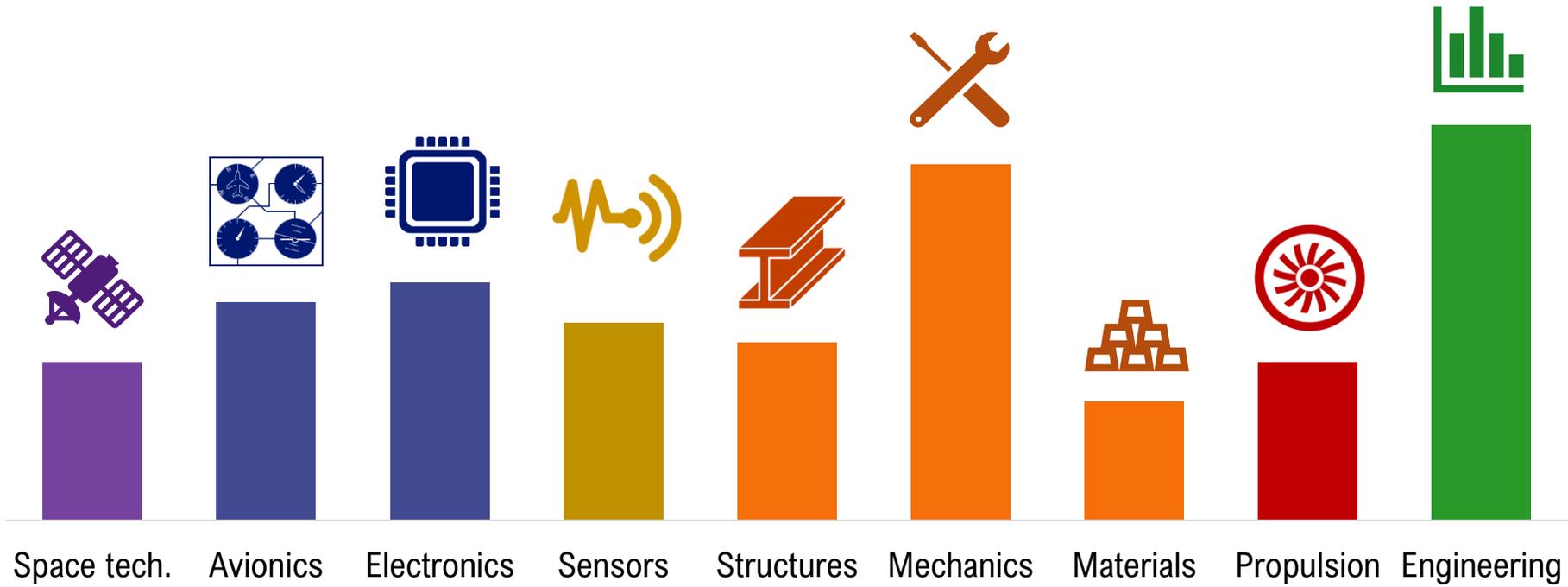


The turnover is 6.3 billion euros and the export is about 1 billion euros per year (1/4 of the Italian export)



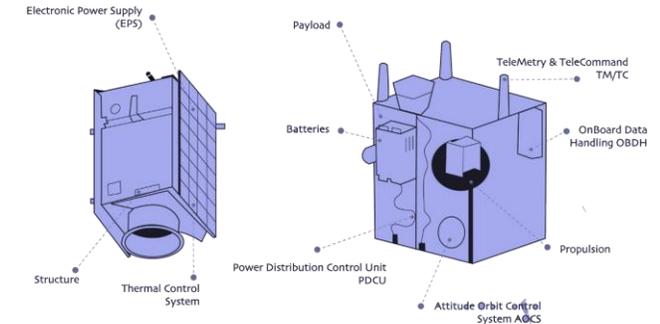
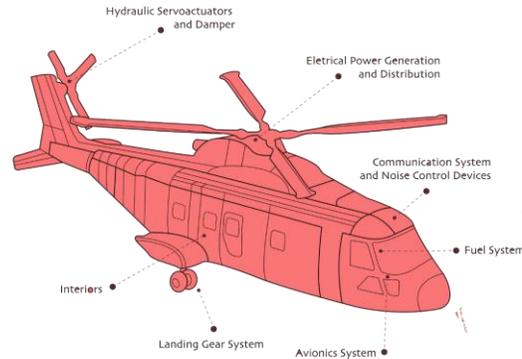
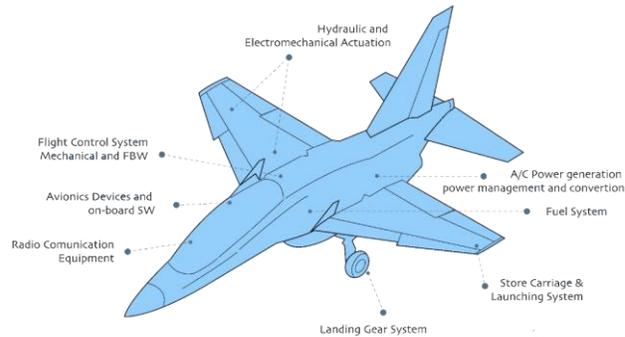
Lombardia Production Structure





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 116 members

- 108 
- 4 
- 2 
- 1 
- 1 



The map displays the following member logos:

- Top Row:** U.F.P. SRL, Progesa, T.T.N., welsedlink, CBS, CAAST, OFFICINA MALNATI
- Second Row:** PMP, ALL data, GFM, AQM, Erestline, aidro
- Third Row:** ALGRA, CARACOL, GB BARBERI, FIMUTENS s.r.l., FLIGHT SCHOOL AIR VERGATE, INTELLIGENTIA
- Fourth Row:** VICOTER, ARESYS, intecs Solutions, PBS ELETTRONICA, AERLAND, ASTAB
- Fifth Row:** CONFINDUSTRIA, SOLIANI emc, AVIOMETAL, VV S Vilella, HABA, LADEC, GALVANICA CEDRATESE
- Sixth Row:** AEREA, SFA, Milan Airports, LEONARDO, brancaro INDUSTRIES, AMM, line up aviation, CP GRINDING, Growermetal
- Seventh Row:** merletti aerospace, IP, INAF, AMM, AS, PTA, ISATI, FIMAC S.p.A.
- Eighth Row:** Secondo Mondo, EA, ZEISS, LIUC, SELT, Argo, AEROSVILUPPI, CENTROTECNICA
- Ninth Row:** ASE, Apariani ITALY, RWE, AVO DIVISION, LOGIC, CORDON ELECTRONICS, TIA, METASENSING
- Tenth Row:** OHB ITALIA, GRM di Mazzocato Arturo & Figli s.r.l., POLITECNICO MILANO 1863, BICOCCA, OMC, BEAMFLIGHT, TCM, AIRSUPPLY TOTAL SERVICE
- Eleventh Row:** GRAMMELOT, Jointek, HAKO MARK, Iema, ANT-X, i, optec S.p.A., Assireva srl, MICROingranaggi
- Twelfth Row:** MECACR | AVIATION | GROUP, Danlecnica, UNIVERSITA DI PAVIA, ThalesAlenia Space, ellgio RE FRASCHINI, ALA, AVIMATIC, ALFE CONSULTING
- Thirteenth Row:** LLS, TITANIUM, OMB, FLAME SPRAY, Forind Avio, LAMIFLEX, BLU ELECTRONIC, ALA GROUP, AVIOCHEM
- Fourteenth Row:** MICROTECNICA, MANTA AIRCRAFT, DTAIES, MEC3D, PORBIT, UOP, Connex Italiana s.r.l., AVIOTECNICA
- Fifteenth Row:** OMB, UMAC S.p.A., GENEGIS GI

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



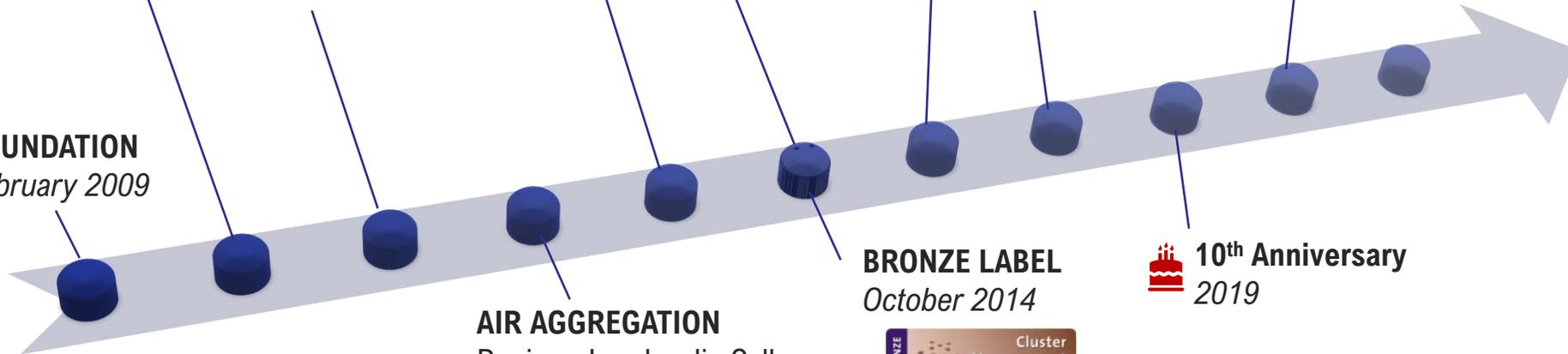
FOUNDATION
February 2009

AIR AGGREGATION
Regione Lombardia Call
April 2012

BRONZE LABEL
October 2014



10th 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.

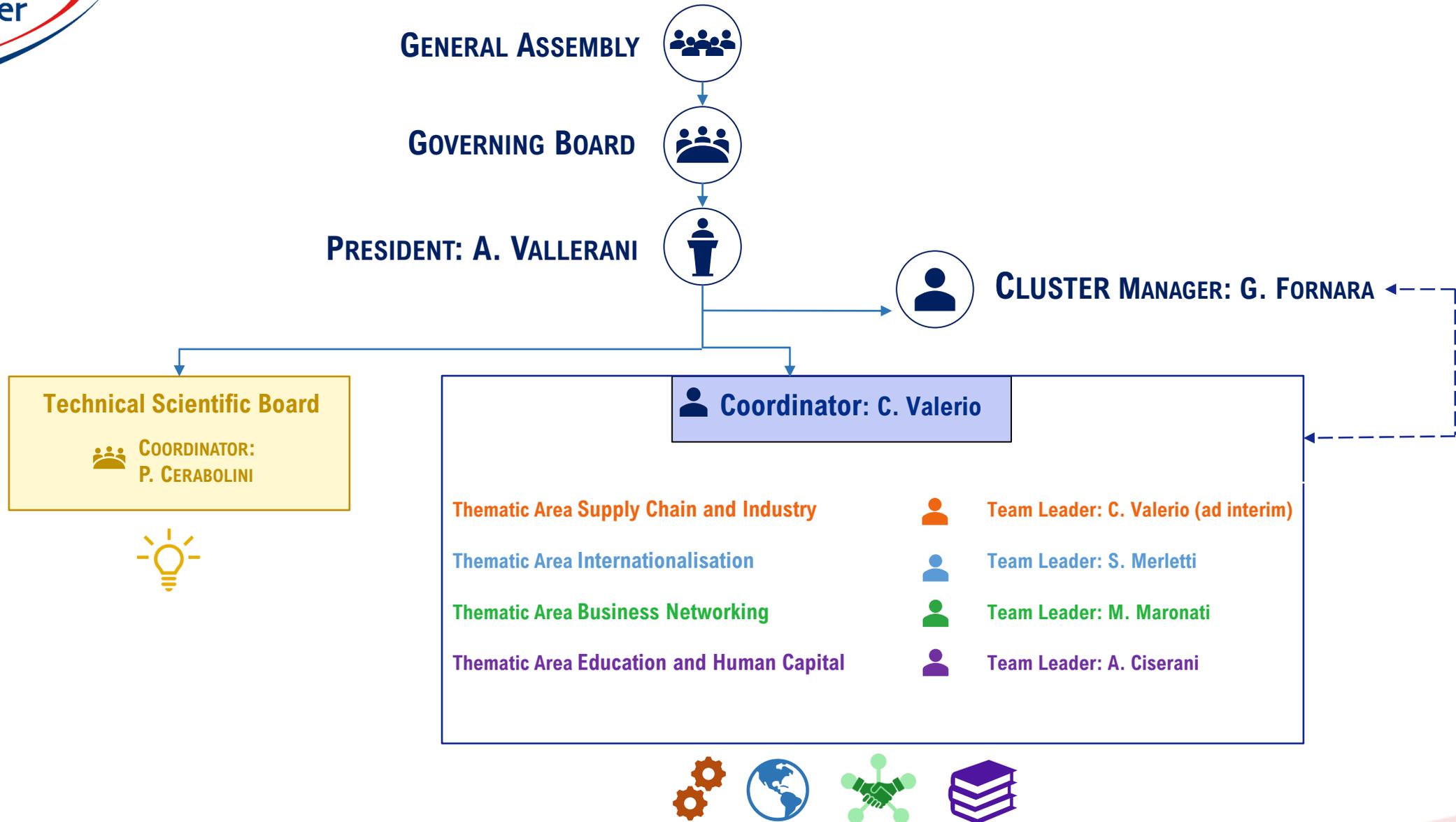


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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

MISSION





Member of:



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➔ @Aero_Lombardy