

lombardia
aerospace
cluster



Aeronautic background in Lombardia

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Know-How



Innovation



History

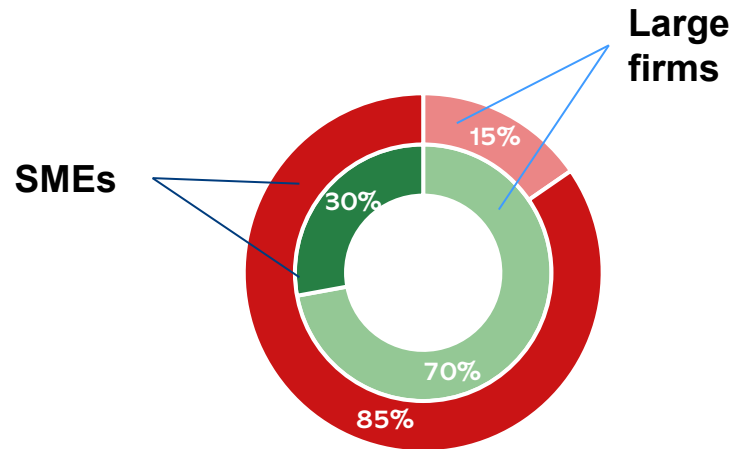


Sector Profile in Lombardia

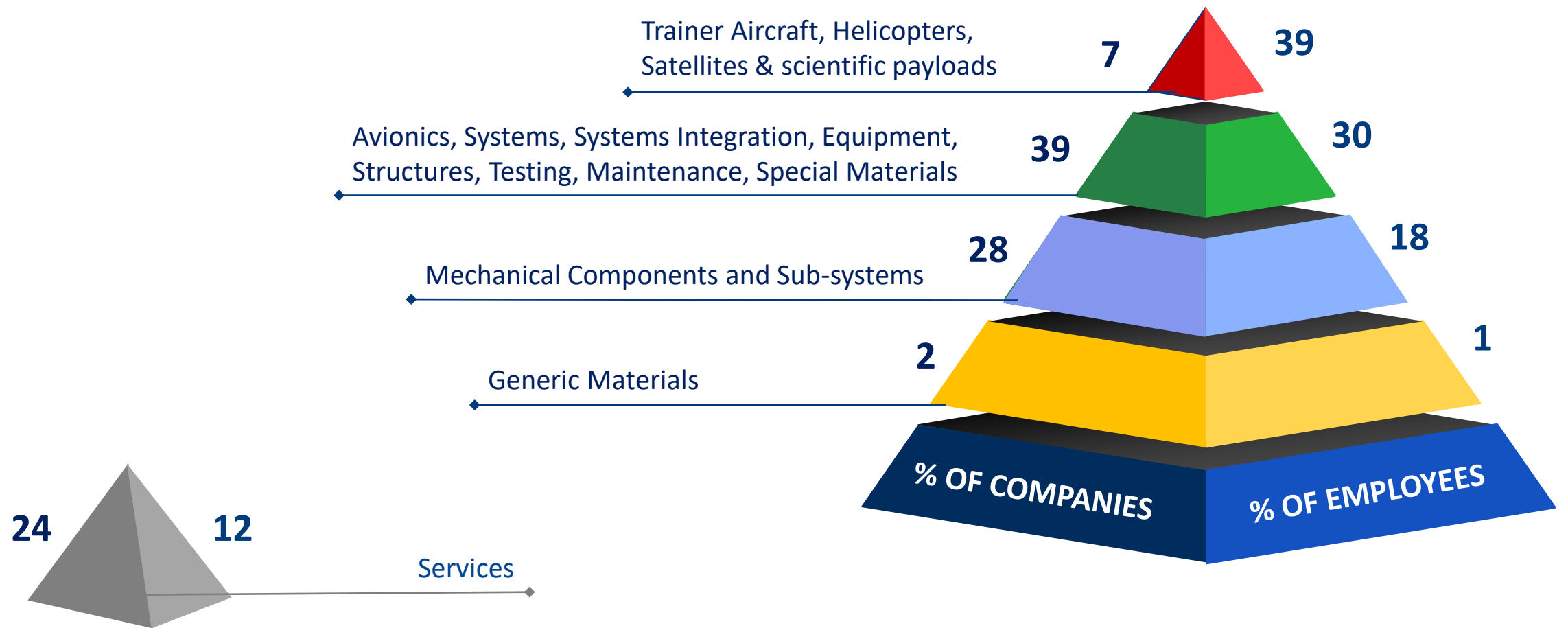
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**



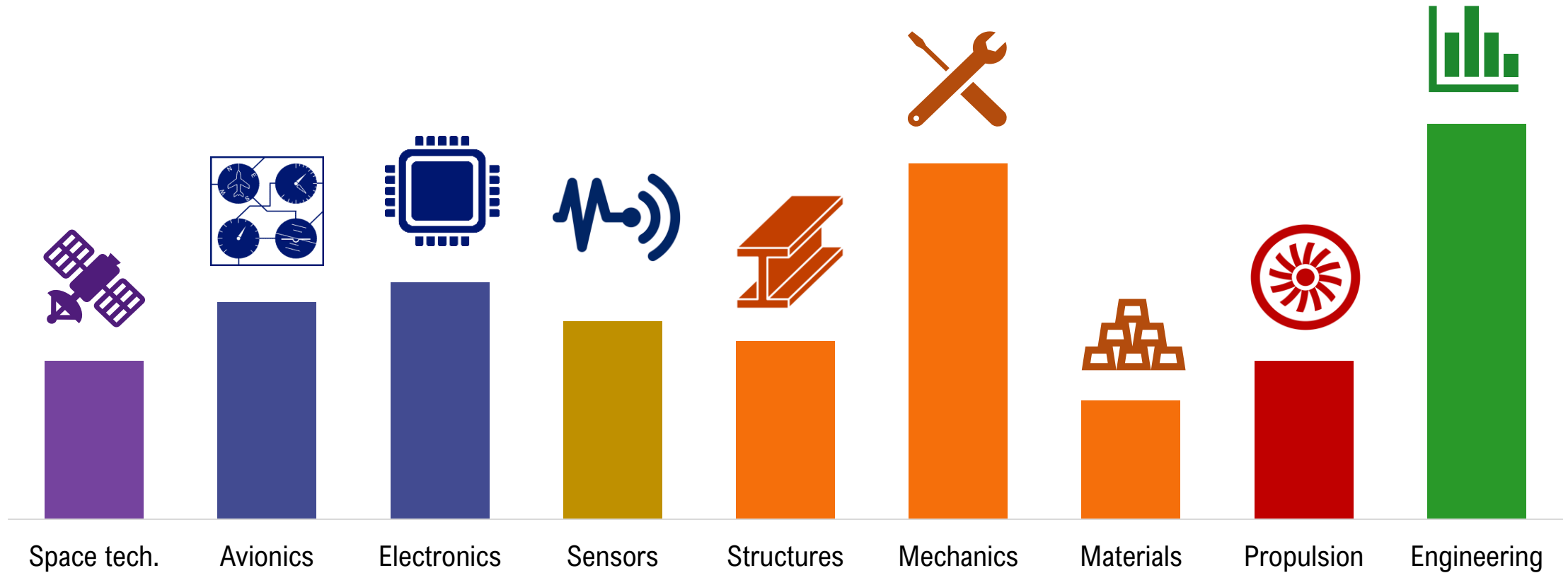
The turnover is **6.3 billion euros** and the export is almost 2 billion euros per year (**30% of the Italian export**)



Lombardia Production Structure



Main technologies



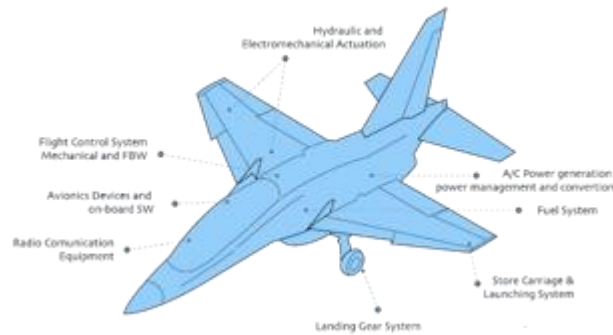
The Cluster

Products: our Pillars

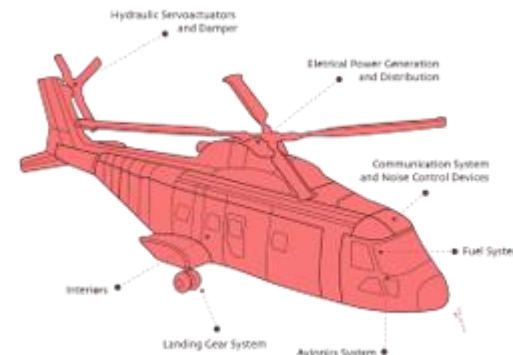
Three levels of flight, three complete supply chains

Products: our Pillars

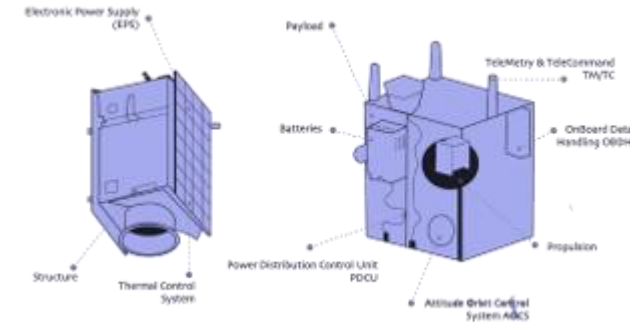
Three levels of flight, three complete supply chains



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 121 members

114
4
2
1

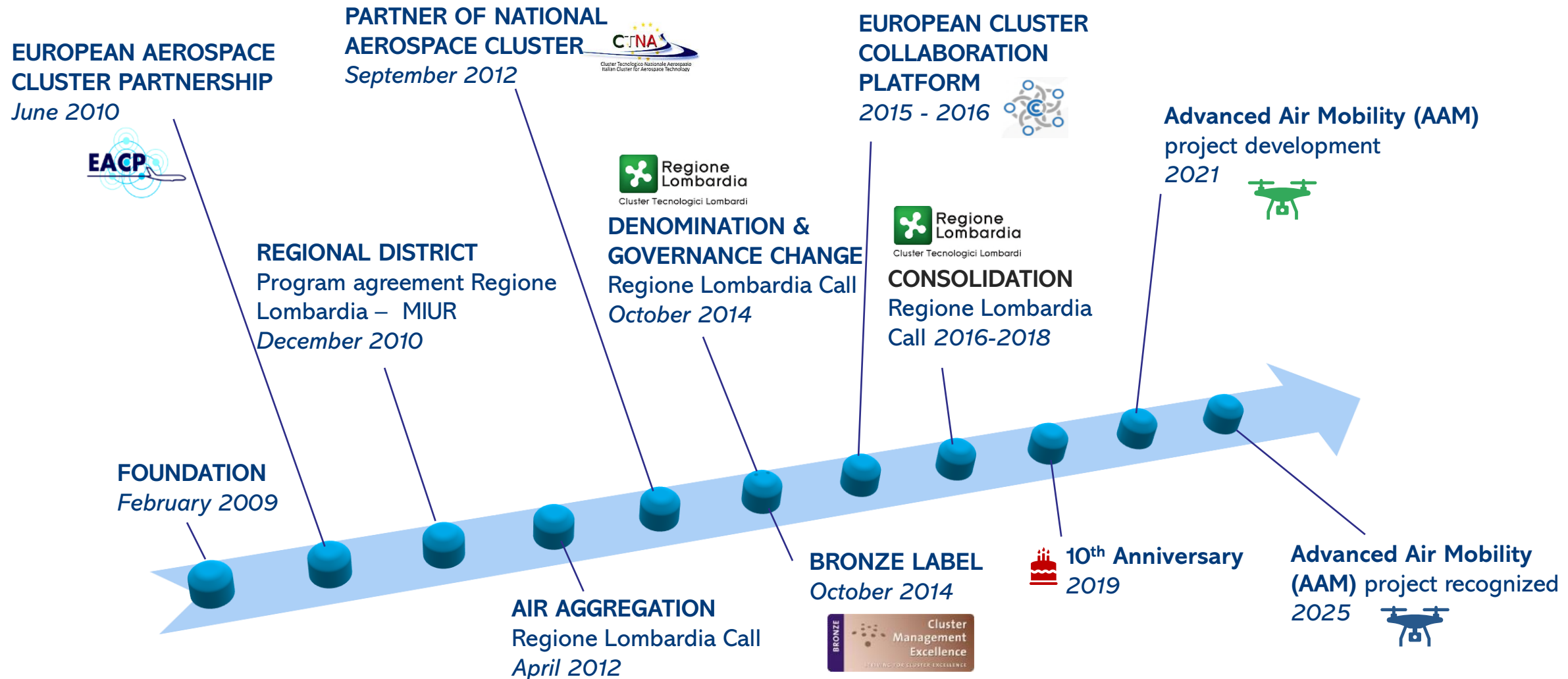
Members include: VICOTER, aresys, MICROingranaggi, electronmec, GAVAZZI TESSUTI TECNICI S.P.A., Progesa, ACS, TESTING FOR A BETTER PLANET, ASTAB, OFFICINA MALNATI, CAAST, GROWERMetal, GFM, AQM, Frontline, aidro, SpecialRubber, ALGRA, ALL data, SOLIANI, HOMBERGER, LXS, CENTROTECNICA, GB BARBEBI, intecs, FLIGHT SCHOOL, AVIOMECA, AVIOCHEM, AERLAND, RTMBREDA, CONFINDUSTRIA Varese, AEREA, SFA, Milan Airports, AVIOMETAL, VILLELLA O.V.S. AEROSPACE, ISATI, LADEC, Galvanica Cedratese, LEONARDO, brancaro INDUSTRIES, ITALIA, FIMAC, LLS, WALTER, MB, merletti aerospace, Italiana Ponti Radio, ZEISS, LIUC, S.E.L.T., ARGOS, CP, CRYO SERVICE, merletti aerospace, Secondo Mondadori, ASE, DORIT, POLITECNICO MILANO 1863, THALES, BICOCCA, OMC, BEAMFLIGHT, CORDON ELECTRONICS, ASE, OHB ITALIA, GRAMMELOT Digital Craftspeople, Jointek, MAKOSH/RK, TETRAVIO, SANT-X, ELIGIO RE FRASCHINI, ASSIREVA s.r.l., AIRSUPPLY, CEFRIEL, UNIVERSITA' DI PAVIA, ThalesAlenia Space, AERMECCANICA, LAMIFLEX, ALA, tps group, AMM GROUP, FLAME SPRAY, DTAIES, MANTA AIRCRAFT, MEC3D, UOP, BLU ELECTRONIC, CONNEX ITALIANA S.R.L., VACUUM S.P.A., GENEGIS GI, ALFA CONSULTING, and skytechnology.

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.

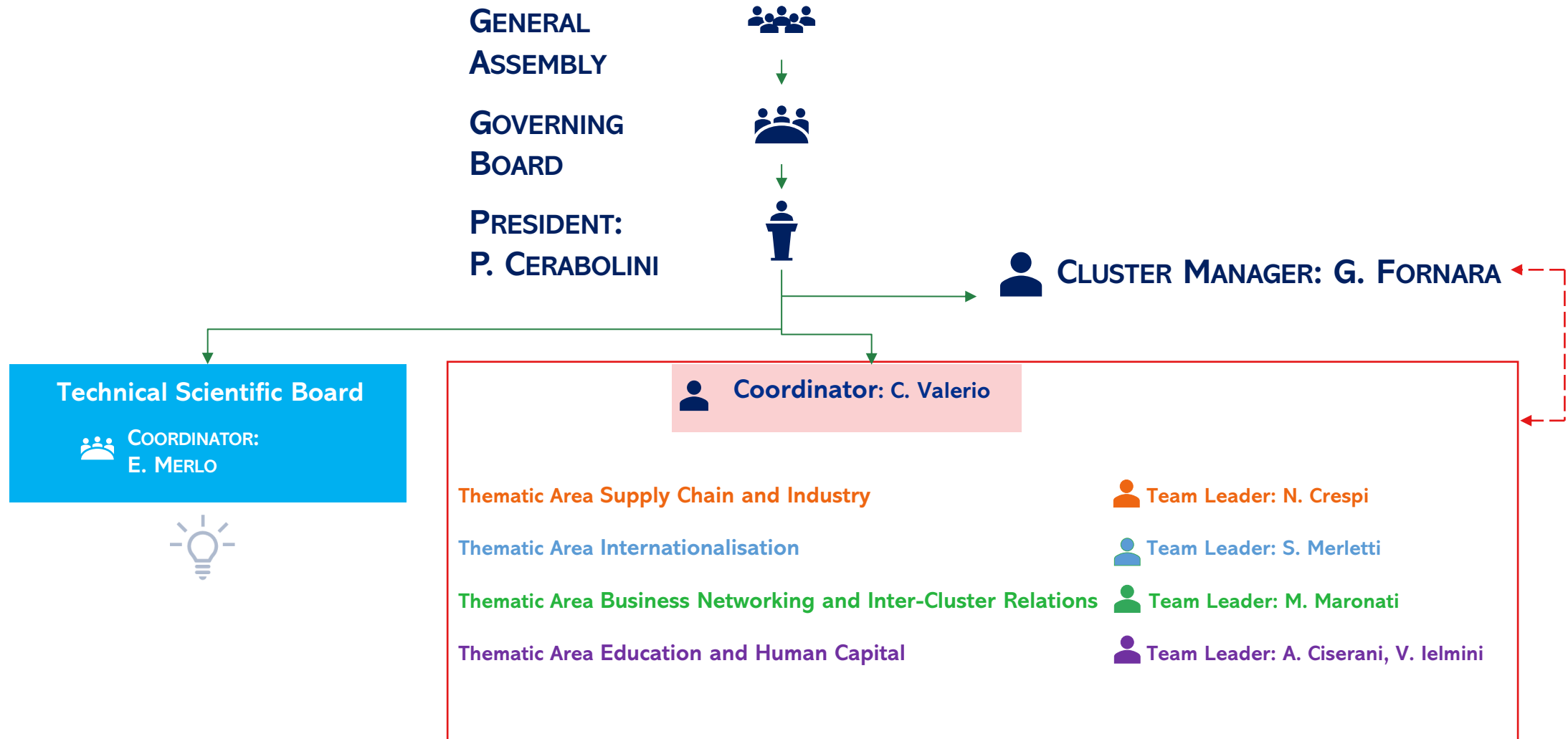


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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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