



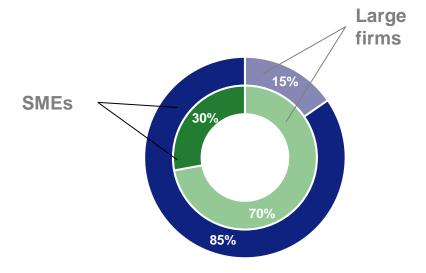
Sector Profile in Lombardia



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

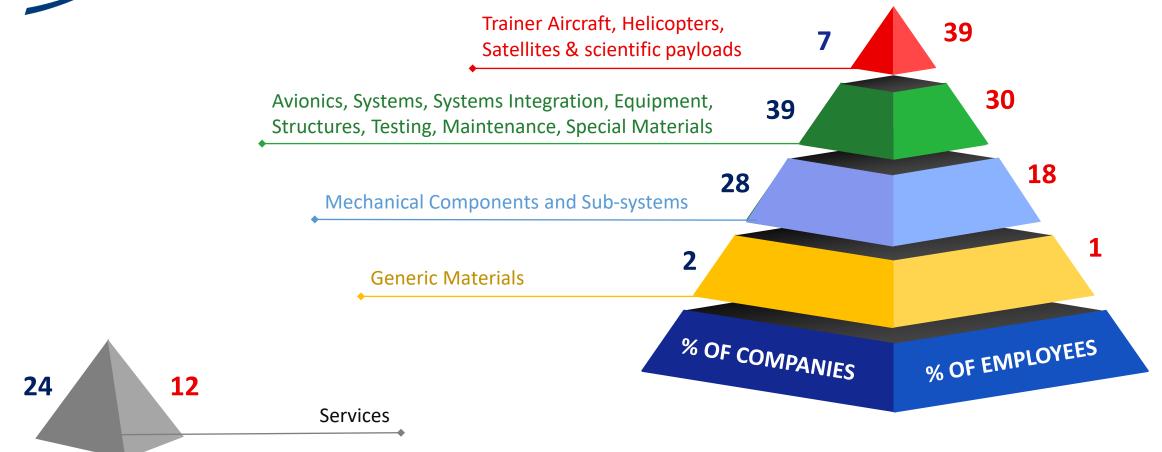


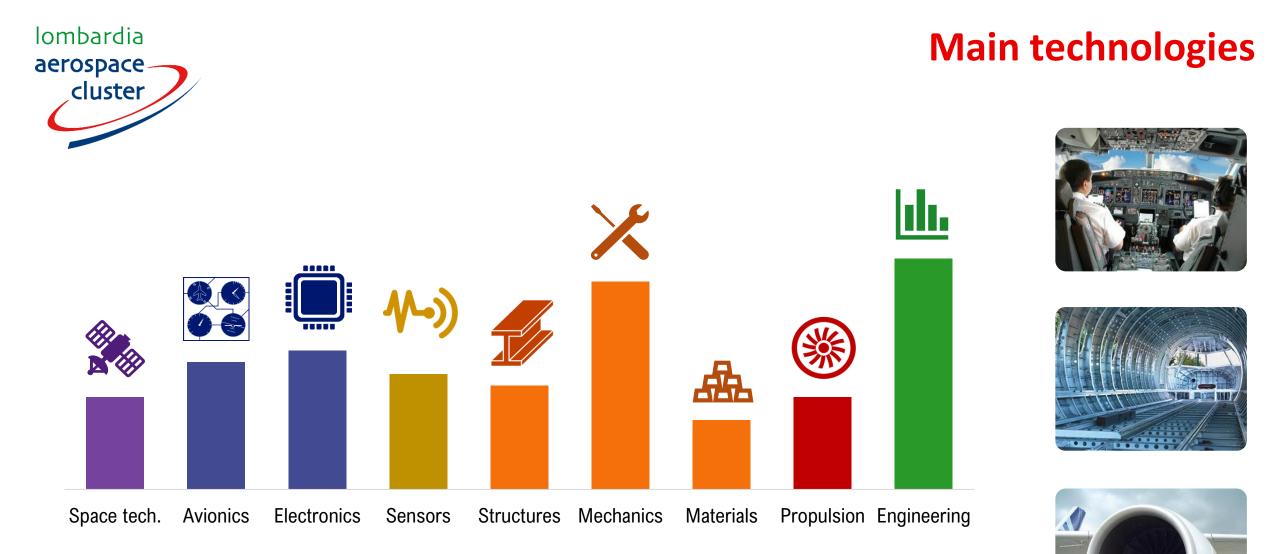
The turnover is 6.3 billion euros and the export is about 1 billion euros per year (1/4 of the Italian export)





Lombardia Production Structure





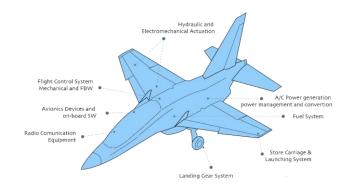
Source: Cluster processing 2018



The Cluster

Products: our Pillars

Three levels of flight, three complete supply chains

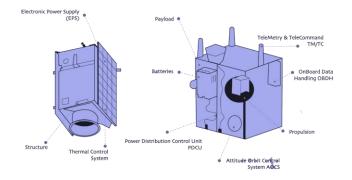


lombardia

aerospace

cluster

Hydraulic Servactuators and Damper Eletrical Power Ceneration and Distribution Gommunication System Of Communication System and Noise Control Devices Interiors Landing Gear System



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 servoactutors & 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

lombardia aerospace cluster

Our 115 members TESTING FOR A BETTER PLANET Progesa ASTAB OFFICINA MALNATI METASENSING G CAAS Growermeta GFM **M** SEALING TECHNOLOG ALL data aidro Frontline 5 MICROingranaggi FIMUTENS s.r.l. FLIGHT SCHOOL AIR VERGIATE RTMBREDAS ARESYS VICOTER **AERLAND** AVIOMEC tecs Solutions PRO C LADEC Varasa Villella GALVANICA Milan Airports AVIOMETAL - WALTER 📎 brancaro E LEONARDO **CP GRINDING** FIMAC S.p.A. INAF merletti ISTITUTE NAZIONALI DI ASTROFISICA NA TONALINSTITUTE FOR ASTROPHYSICS ISAT ter H PTA Extent Torrete American Argo ZEISS SEL ME LIU **TI**_&P Seeing beyond ASE pariani Cogic CORDON TCM OHB POLITECNICO MILANO 1863 DEGLI STUDI (નાન્ટ BEAMFLIGHT ITALIA di Mazzoccato Arturo & Figli s.r.l. AIRSUPPLY Assireva srl THALES Doptec G BICOCCA TOTAL SERVICE GRAMMELOT ema 💑 = / / / IMATIC Jointek レンコロン OMB Parties Amount ALFE CONSULTING UNIVERSITÀ ThalesAlenia AERMECCANICA SPECIAL RUBBER AVIOCHEM **ULAMIFLEX** ALA Panlecnica MECAERIAVIATIONIGROUP Forind Avio > OMSC MEC3D Skylechnology **Connex Italiana** MICROTECNICA FLAME SPRAY DTAIES (115 GENEGIS GI TECNOTT Geographical Intelligence MANTA AIRCRAFT TITANIUM

Lombardia Aerospace Cluster



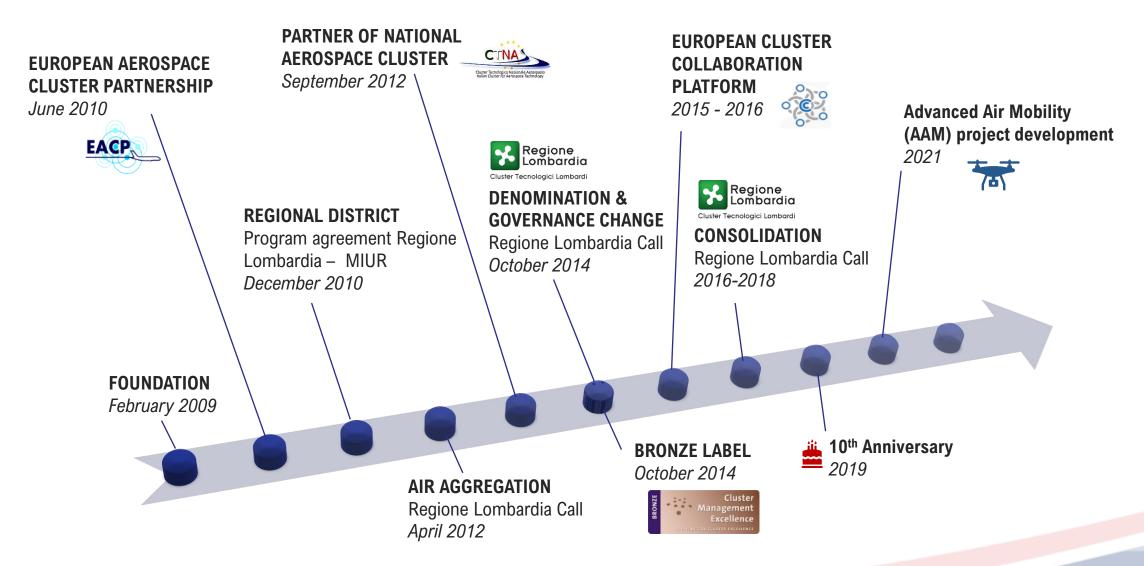
Categories of the supply chain and main actors





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

Main steps







 \rightarrow To provide the Lombardian aerospace system with a united, visible and identifiable collective identity, in constant communication with the outside world.

 \rightarrow To be the interface with Institutions and third parties about initiatives involving the Cluster as a whole (large companies, SMEs, universities, research centres).



VISION

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.

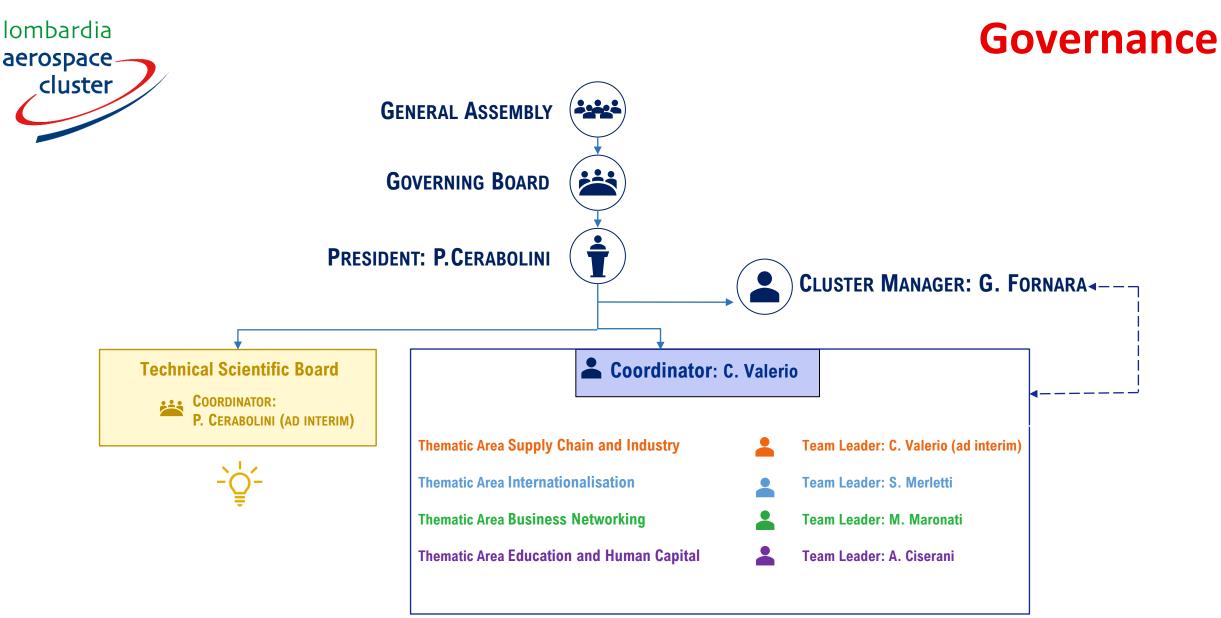


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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











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