

lombardia  
aerospace  
cluster

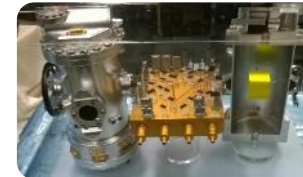
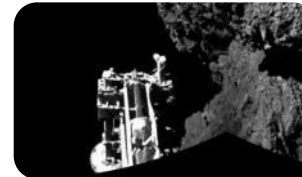
The logo consists of two curved, overlapping lines. The upper line is red and the lower line is dark blue. They start from the left, curve upwards and to the right, then curve back down and to the left, creating a sense of motion or a stylized 'C' shape.

# Aeronautic background in Lombardia

**Know-How**



**Innovation**



**History**

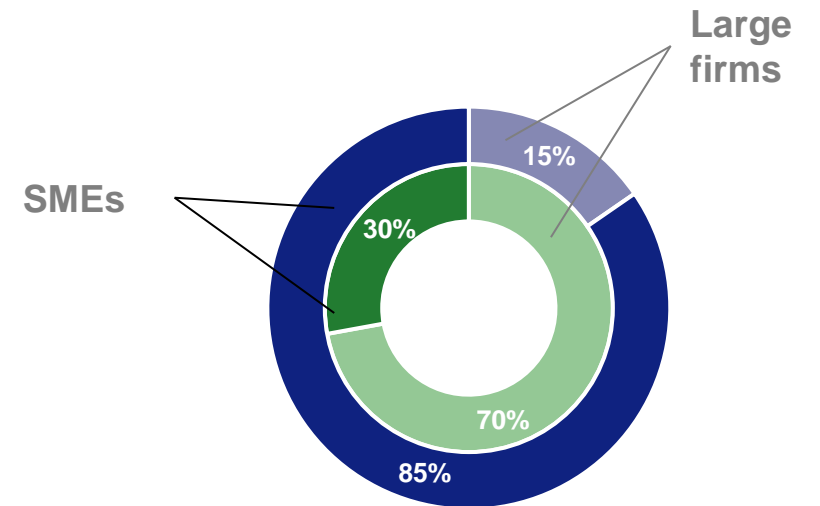
# Sector Profile in Lombardia



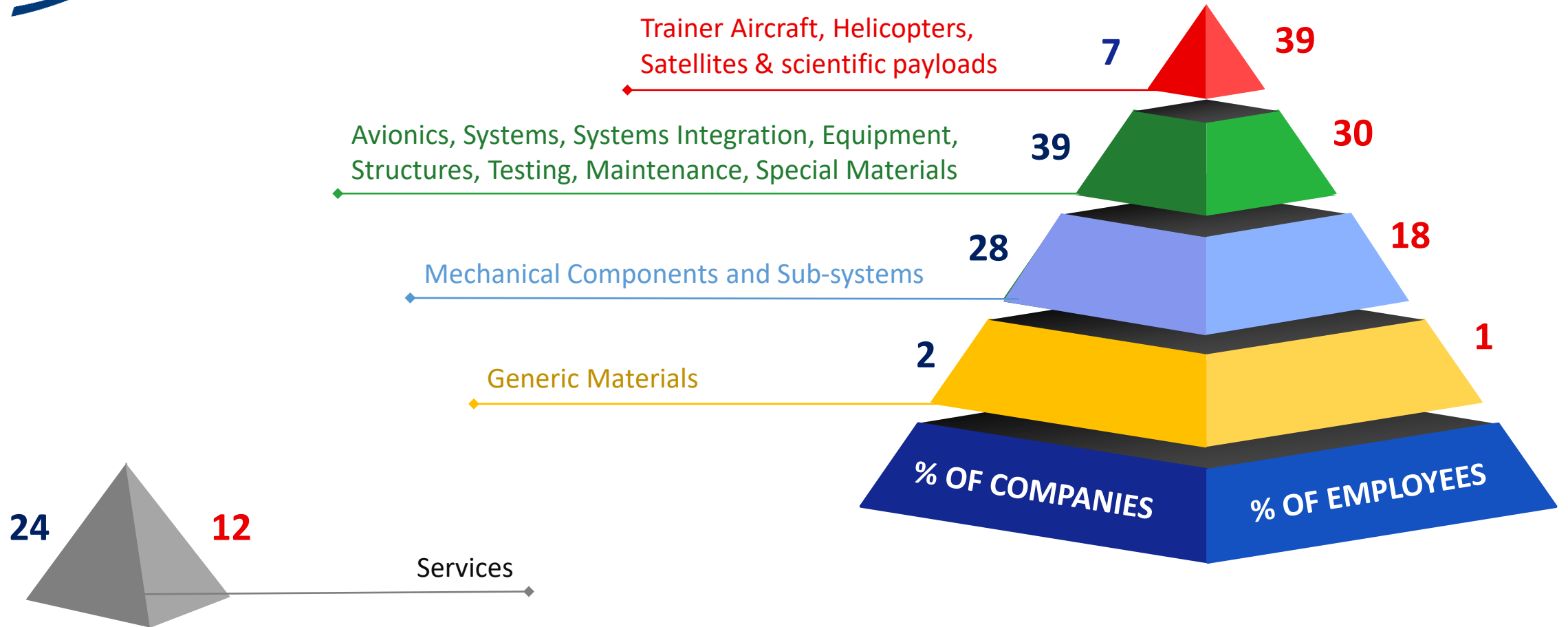
Located in the north of Italy, Lombardia counts about **215 companies** in the aerospace sector, with a total amount of about **21,800 employees**

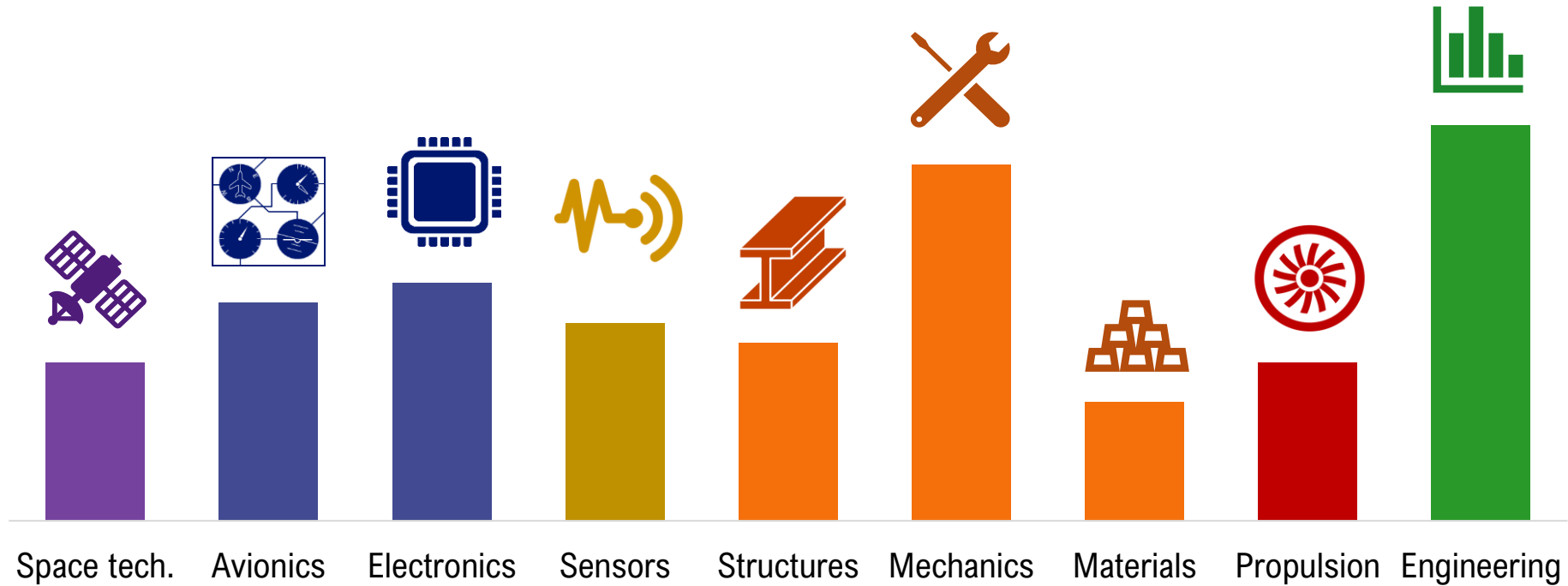


The turnover is 6.3 billion euros and the export is about 1 billion euros per year (1/4 of the Italian export)



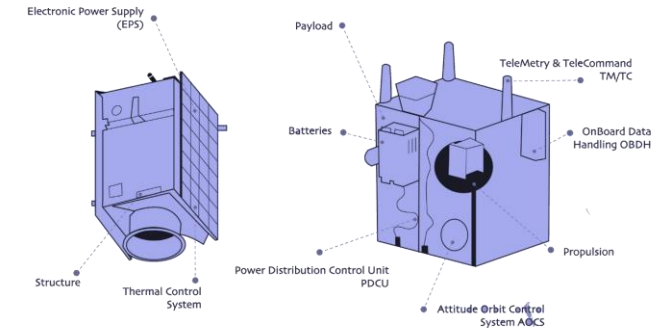
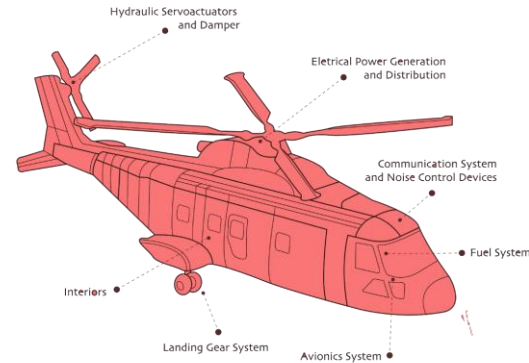
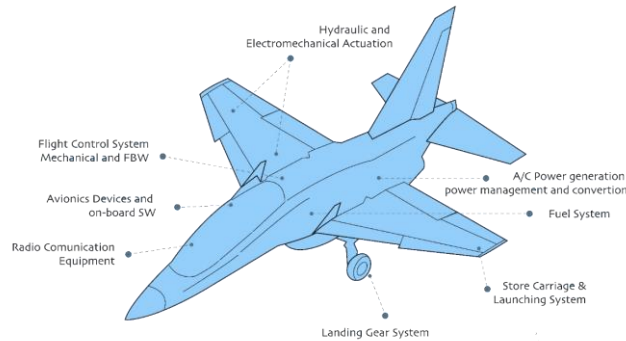
# Lombardia Production Structure





# 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

- 109
- 4
- 2
- 1

# Lombardia Aerospace Cluster

U.F.P. SRL

ANGELANTONI TEST TECHNOLOGIES

Progesa

ASTAB ENGINEERING

OFFICINA MALNATI

CAAST SEALING TECHNOLOGY

Growermetal

ALGRA

ALL data

GFM

QPM

Centrotecnica stress to ensure

GB BARBERI

FIMUTENS s.r.l.

FLIGHT SCHOOL AIR VERGATE

MICROingranaggi

VICOTER

ARESYS

intecs Solutions

EBS ELETTRONICA

AERLAND

LADEC

GALVANICA CEDRATESE

CONFINDUSTRIA Varese

SOLIANI emc s.r.l.

AVIOMETAL

AVS Vilella

HABA

lineup aviation

WALTER

AEREA

SFA Milan Airports

brancaro INDUSTRIES

INAF

ITALIA

FIMAC Sp.A.

merletti aerospace

IP

INAF

ISITII NAZIONALI DI ASTROFISICA

Secondo Mond

EA

ZEISS

LIUC

SELTE

Argo

AEROSVILUPPI

ISATI

MB

ASE

Apariani ITALY

POLITECNICO MILANO 1863

AVIO DIVISION

LOGIC

CORDON ELECTRONICS

TIA

OHB ITALIA

GRM di Mazzocato Arturo & Figli s.r.l.

THALES

DEGLI STUDI BICOCCA

OMC

BEAMFLIGHT

TCM

GRAMMELOT

MAKO MARK

ema

ANT-X

optec

Assireva srl

AIRSUPPLY TOTAL SERVICE

Jointek

UNIVERSITA' DI PAVIA

ThalesAlenia Space

RE FRASCHINI

elgio

ALFE CONSULTING

MECAER | AVIATION | GROUP

SPECIAL RUBBER

Panlectnica

OMSC

Forind Avio

LAMIFLEX

BLU ELECTRONIC

ALA

AVIOMAT

MICROTECNICA

MEC3D

MEC 3

GENEGIS GI

Geographical Intelligence

MPB INSTRUMENTS

FLAME SPRAY

DTAES

UMAC

TECNOTTICA

MANTA AIRCRAFT

LLS TITANIUM



# 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.

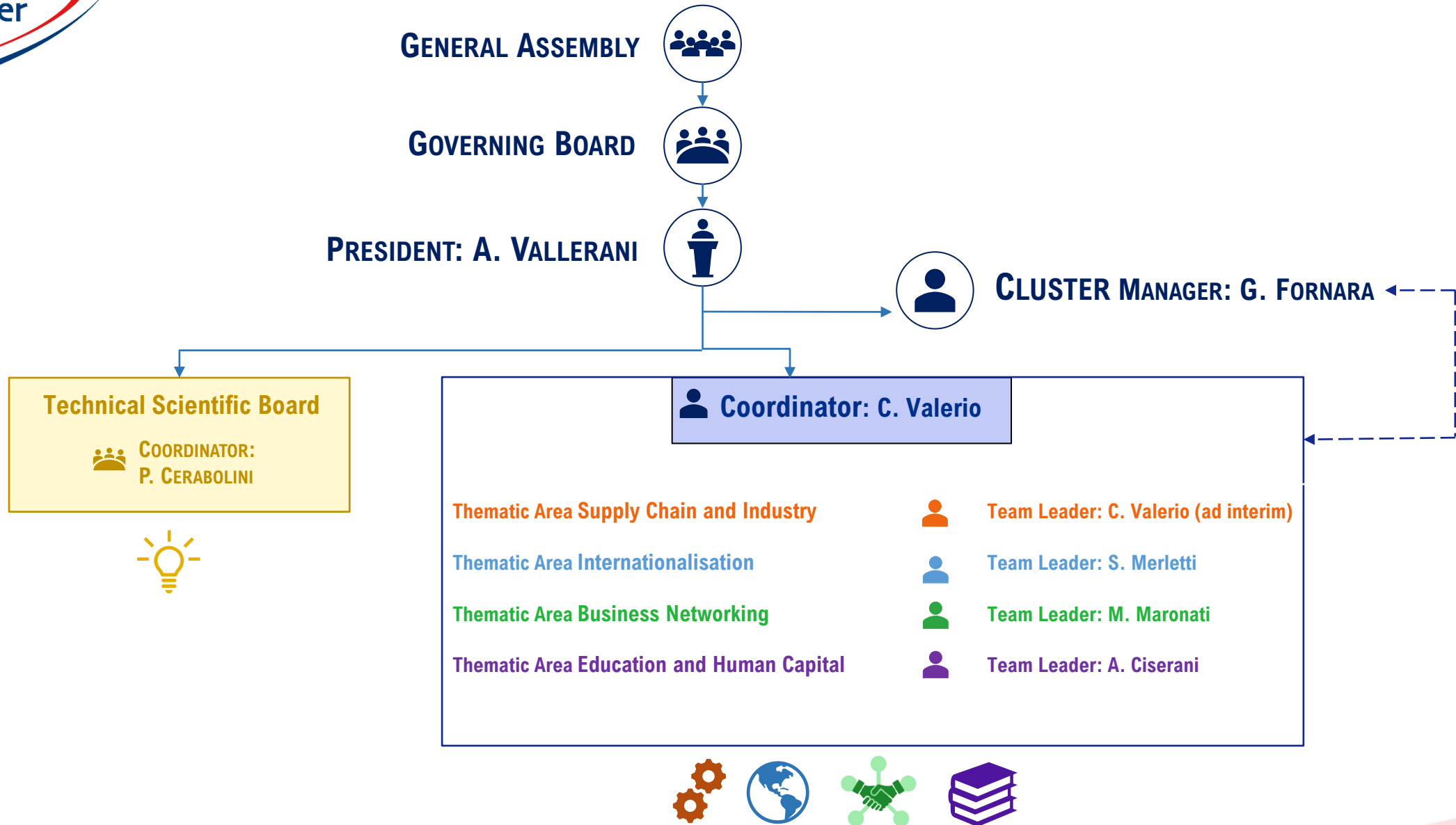


To support and expand the excellence of the Lombardian aerospace and space industry through the creation of a **network** of large companies, SMEs, knowledge system and institutional subjects, which can safeguard the knowledge in the region.



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

## MISSION





Member of:



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➔ @Aero\_Lombardy