Aeronautic background in Lombardia

History & Culture

Know-How

Innovation
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).

Source: census of Cluster 2023. Export Istat 2022
Products: our Pillars
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 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

Source: Cluster processing 2018
Main technologies

Space tech.  Avionics  Electronics  Sensors  Structures  Mechanics  Materials  Propulsion  Engineering

Source: Cluster processing 2018
The Cluster
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Main steps
from Comitato Promotore del Distretto...
...to Lombardia Aerospace Cluster

FOUNDATION
February 2009

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

CONSOLIDATION
Regione Lombardia Call
2016-2018

CONSORTIUM
Regione Lombardia Call
October 2014

EUROPEAN CLUSTER COLLABORATION PLATFORM
2015 - 2016

AIR AGGREGATION
Regione Lombardia Call
April 2012

BRONZE LABEL
2014

Advanced Air Mobility (AAM) project development
2021

10th Anniversary
2019

2016 - 2018

Advanced Air Mobility (AAM) project development
2021
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).

MISSION

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.