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
Lombardia Production Structure

- **Trainer Aircraft, Helicopters, Satellites & scientific payloads**
- **Avionics, Systems, Systems Integration, Equipment, Structures, Testing, Maintenance, Special Materials**
- **Mechanical Components and Sub-systems**
- **Generic Materials**
- **Services**

Source: census of Lombardia Aerospace Cluster 2018
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
Main technologies

Source: Cluster processing 2018
Lombardia Aerospace Cluster

Our 115 members
<table>
<thead>
<tr>
<th>Sectors description notes:</th>
<th>e.g. detection and observation systems. Services: information and data collected</th>
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<tbody>
<tr>
<td>TRAINER AIRCRAFT &amp;</td>
<td>e.g. detection and observation systems. Services: information and data collected</td>
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<td>TRAINING SYSTEMS</td>
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<td>HELICOPTERS &amp;</td>
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<td>AVIONICS &amp;</td>
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<td>SYSTEMS INTEGRATION</td>
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<td>SCIENTIFIC PAYLOADS,</td>
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<td>RELATED SERVICES</td>
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<tr>
<td>RELATED COMPONENTS</td>
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<tr>
<td>COMMUNICATION,</td>
<td>Click here to view the list of our members on our website</td>
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<tr>
<td>NAVIGATION, SURVEILLANCE</td>
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<td>&amp; ATM</td>
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<tr>
<td>SERVICES</td>
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<tr>
<td>&amp; SURFACE TREATMENTS</td>
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<td>e.g. display, HMI, on</td>
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<tr>
<td>board computers, radar,</td>
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<tr>
<td>EO/IR</td>
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<tr>
<td>e.g. training, consulting,</td>
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<tr>
<td>design, maintenance</td>
<td>Click here to view the list of our members on our website</td>
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Main steps 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

- **AIR AGGREGATION**
  - Regione Lombardia Call
    - April 2012

- **BRONZE LABEL**
  - October 2014

- **FOUNDATION**
  - February 2009

- **Advanced Air Mobility (AAM) project development**
  - 2021

- **10th Anniversary**
  - 2019

- **10th Anniversary**
  - 2019
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).

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.
Governance

General Assembly

Governance Board

President: A. Vallerani

Cluster Manager: G. Fornara

Technical Scientific Board

Coordinator: P. Cerabolini

Technological Advisor

G. Pagnano

Thematic Area Supply Chain and Industry

Team Leader: N. Crespi

Thematic Area Internationalisation

Team Leader: S. Merletti

Thematic Area Business Networking

Team Leader: M. Maronati

Thematic Area Education and Human Capital

Team Leader: A. Ciserani