Aeronautic background in Lombardia

Know-How

Innovation

History
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).

Fonte: censimento LAC 2023. Export Istat 2022
Lombardia Production Structure

- **7%** of companies: Trainer Aircraft, Helicopters, Satellites & scientific payloads
- **28%** of companies: Mechanical Components and Sub-systems
- **2%** of companies: Generic Materials
- **12%** of companies: Services
- **18%** of employees: Mechanical Components and Sub-systems
- **1%** of employees: Generic Materials
- **1%** of employees: Services

Source: census of Lombardia Aerospace Cluster 2018
The Cluster
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
Our 117 members

Lombardia Aerospace Cluster
Categories of the supply chain and main actors

Prime Contractors
- Leonardo
- OHB Italia
- Thales Alenia Space
- Thales

Tier 1 Companies
- Secondo Monti
- F.A.
- Aerea
- ASE
- Logic

Universities
- Politecnico Milano
- Università di Pavia
- Università Cattaneo

Research Centers
- Istituto per il Rilevamento Elettromagnetico dell'ambiente
- Istituto Nazionale di Astrofisica

Air Traffic Management
- SEA Milan Airports
Main steps from Comitato Promotore del Distretto... to Lombardia Aerospace Cluster

- **EUROPEAN AEROSPACE CLUSTER PARTNERSHIP**
  - June 2010

- **REGIONAL DISTRICT**
  - Program agreement Regione Lombardia – MIUR
  - December 2010

- **PARTNER OF NATIONAL AEROSPACE CLUSTER**
  - September 2012

- **FOUNDATION**
  - February 2009

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

- **DENOMINATION & GOVERNANCE CHANGE**
  - Regione Lombardia Call
  - October 2014

- **EUROPEAN CLUSTER COLLABORATION PLATFORM**
  - 2015 - 2016

- **CONSORTIUM**
  - Regione Lombardia Call
  - 2016-2018

- **BRONZE LABEL**
  - October 2014

- **10th Anniversary**
  - 2019

- **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.
Technical Scientific Board
COORDINATOR: P. Cerabolini

COORDINATOR: C. Valerio

Thematic Area Supply Chain and Industry
Team Leader: C. Valerio (ad interim)

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

GENERAL ASSEMBLY
GOVERNING BOARD
PRESIDENT: A. VALLERANI
CLUSTER MANAGER: G. FORNARA