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).
Lombardia Production Structure

- **Trainer Aircraft, Helicopters, Satellites & scientific payloads**: 7 companies, 39% of employees
- **Avionics, Systems, Systems Integration, Equipment, Structures, Testing, Maintenance, Special Materials**: 39 companies, 30% of employees
- **Mechanical Components and Sub-systems**: 28 companies, 18% of employees
- **Generic Materials**: 2 companies, 1% of employees
- **Services**: 24 companies, 12% of employees

*Source: census of Lombardia Aerospace Cluster 2018*
Main technologies

Source: Cluster processing 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 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
Lombardia Aerospace Cluster

Our 114 members
Categories of the supply chain and main actors
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

EUROPEAN CLUSTER COLLABORATION PLATFORM
2015 - 2016

DENOMINATION & GOVERNANCE CHANGE
Regione Lombardia Call
October 2014

CONSOLIDATION
Regione Lombardia Call
2016-2018

AIR AGGREGATION
Regione Lombardia Call
April 2012

BRONZE LABEL
October 2014

Advanced Air Mobility (AAM) project development
2021

FOUNATION
February 2009

10th Anniversary
2019
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).

VISION

To stimulate the competitive growth of SMEs through the sharing of technological scenarios, the aggregation and development of shared projects.

To promote the productive system and encourage the participation in national and international airshows, in order to increase SMEs' competitiveness.

To foster innovation, the key feature of the Cluster, and promote support for research programs, especially towards SMEs.

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 modernize the supply chain to ensure the competitiveness of SMEs towards major international players.

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