

# LOMBARDY INTELLIGENT FACTORY ASSOCIATION



## GENERAL INFORMATION

### REFERENCE ECOSYSTEM

Advanced Manufacturing

### TECHNOLOGY AREAS

Advanced Manufacturing materials, processes, methods and technologies

### EUROPEAN PROJECTS AND INTERNATIONAL NETWORKS

GREENSMARTMED (Interreg Euro-MED), SMART-Growth (I3), BATMASS (I3), PLASTIX (Interreg Europe), AI REDGIO 5.0 (Horizon Europe), DeremCo (I3), PIMAP4Sustainability (Single Market Programme), LCAMP (Erasmus+), ADMA TranS4MErs (Horizon 2020), ADMANTEX2i (COSME - Clusters Go International), 4 Motors of Europe (4ME), Vanguard Initiative (VI), S3 Thematic Platforms and Partnerships (S3P), European Cluster Collaboration Platform (ECCP), EDIH Manufacturing Network (EDIH4MANU), World Economic Forum (WEF).

### HEADQUARTERS

Via G. Colombo, 83 - 20133 Milan (Italy)  
Place du Champ de Mars 1/3, 1050 Brussels (Belgium)

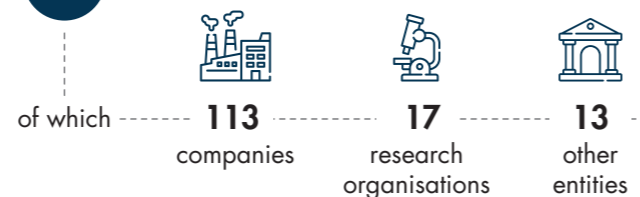
### WEBSITE

www.afil.it/



## NUMBER OF MEMBERS

143



## SUCCESS STORIES

### Development of the Lombardy Roadmap for Research and Innovation on Circular Economy:

the Roadmap (officially endorsed by Lombardy Region in 2020) aims to address the transition to a Circular Economy in the region, in line with its S3 priorities. The development of the document began in 2019 as a core action of the Strategic Community De- and Remanufacturing for Circular Economy.



### Signature of Lombardy Protocol for Sustainable Development:

in 2022, AFIL signed the Protocol, therefore confirming its commitment to implement the principle of sustainable development within its scope of activities. AFIL provides its contribution to the Regional Strategy for Sustainable Development, with proposals and initiatives that also involve the Cluster members and the regional ecosystem.

### Contribution to the Lombardy initiative for the development and consolidation of advanced industrial regional value-chains:

since 2022, AFIL has been involved in the development of regional value-chains proposals, also relying on its Strategic Communities active in the fields of Circular Economy and Digital Transformation. A strong liaison with this regional initiative has been created with Interreg Europe PLASTIX project.

## ONGOING PROJECTS 2024

### PLASTIX



PLASTIX (Plastics Revolution for European Regions) project aims to facilitate **industrial transition towards a resource-efficient economy, circular economy growth and eco-innovations** in the 6 participating regions (Lombardy, Catalonia, Fryslân, Savinja-Šalek, Tampere and Värmland) as well as in other European ones. The project tackles the growing problem of **plastic waste, its recyclability, reusability and replaceability** as a part of the transition towards a more circular economy.

By identifying good practices and novel solutions through interregional exchange and co-creation, the project aims at **helping regional policy makers to improve existing policy mechanisms or create new ones.**

The regional policy instrument addressed by AFIL within PLASTIX is the **Development and consolidation of advanced industrial regional value-chains**, launched in 2022 by **Lombardy Region**, which is involved in the project as **Associated Policy Authority**.

At the same time, AFIL has established a strong liaison with the members of the **Strategic Community and regional value-chain on Advanced Polymers**, acting as the **Regional Stakeholder Group**.

### AI REDGIO 5.0



Originating from the **Efficient and Sustainable Manufacturing (ESM) Pilot - Digital Transformation demo-case** and the **Artificial Intelligence (AI) Pilot of the Vanguard Initiative**, AI REDGIO 5.0 project focuses on renovating and extending the alliance between Vanguard European regions and **Digital Innovation Hubs (DIHs)**, taking into account the outcomes of Horizon 2020 I4MS **AI REGIO project** and implementing a competitive AI-at-the-Edge Digital Transformation of Industry 5.0 Manufacturing Small and Medium Enterprises.

AI REDGIO 5.0 innovation action is conducted by a **consortium of 43 partners from 18 countries** (Italy, Slovenia, Netherlands, France, Belgium, Spain, Romania, Czechia, Denmark, Hungary, Austria, Sweden, Cyprus, Luxembourg, Portugal, United Kingdom, Serbia). The consortium is composed of 7 SMEs from different manufacturing sectors and 13 technology providers, including some Lombardy actors directly involved to demonstrate regional competences and capacities at European level.

AFIL is leader of the **Communication and Dissemination activities** and is engaged in the active promotion of the **Open Calls** for third parties as an opportunity for all regional stakeholders.

## SYNERGIES with other regional or national strategies

### SMART SPECIALISATION STRATEGY S3

**Advanced Manufacturing Ecosystem Sustainability Ecosystem**

### PNRR

**Mission 2**  
Green revolution and ecological transition  
**Component 1**  
Circular economy and sustainable agriculture

### SMART SPECIALISATION STRATEGY S3

**Advanced Manufacturing Ecosystem Connectivity and Information Ecosystem**

### PNRR

**Mission 1**  
Digitalisation, innovation, competitiveness, culture and tourism  
**Component 2**  
Digitalisation, innovation, competitiveness in the production system