

# LOMBARDY GREEN CHEMISTRY ASSOCIATION



## GENERAL INFORMATION

### REFERENCE ECOSYSTEM

Sustainability

### TECHNOLOGY AREAS

Sustainable Chemistry, Biorefineries, Bioeconomy of the Future

### EUROPEAN PROJECTS AND INTERNATIONAL NETWORKS

Attending several European projects (such as COSME, Horizon, LIFE, CEF). International Network: EUSALP, ARA- Automotive RegionsAlliance, Four Motors of Europe, ECH2A, C2Future

### HEADQUARTERS

Piazza della Trivulziana, 4/A - 20126 Milano

### WEBSITE

[www.chimicaverdelombardia.it/en/](http://www.chimicaverdelombardia.it/en/)



## NUMBER OF MEMBERS

50

of which



33  
companies



11  
research  
organisations



6  
other  
entities

## SUCCESS STORIES

**Bioeconomy Dialogues** are events organized by the LGCA Cluster to highlight and promote local projects and initiatives that mobilise the community active in the bioeconomy and green chemistry sector. Encouraging relationships between universities, research centres and companies, bioeconomy dialogues promote the exchange of knowledge and new business and research opportunities.

Organised annually at the headquarters of companies and universities, they represent an opportunity for all bioeconomy actors operating in the Lombardy region to meet, exchange ideas and information, to create a development plan ocused on topics and working groups of interest. The initiative was launched in 2018 and has mobilized over 500 operators in national and international matchmaking sessions.

Since 2016, the LGCA has been the technical coordinator of the **Bioeconomy Pilot of the Vanguard Initiative**. This European network brings together 35 regions interested in rapidly bringing bio-based products to market as promising alternatives to fossil-based ones. It is driven by the political commitment of regions to use their Smart Specialization Strategy to stimulate new growth through bottom-up industrial innovation in common priority areas.

The bioeconomy pilot project enhances interregional cooperation between industries and academia to stimulate innovation in the biobased sector by supporting the most promising pilot plants through interregional business opportunities and attracting public-private investments. To date, the pilot project has helped mobilize over 70 million in investments based on public-private partnerships.

## ONGOING PROJECTS 2024

### Forest Eco Value (funded by Interreg Alpine Space Programme)



Forest EcoValue promotes sustainable business models based on valorising forest resources to ensure their conservation through circular, green and organic value chains in energy, construction, chemical/pharmaceuticals, food and recreational activities.

By bringing together public and private sector efforts and citizen participation, Forest EcoValue aims to create **market structures and payment systems for forest ecosystem services**. Through these sustainable business models, Forest EcoValue can generate green businesses and job opportunities, thus boosting the economy of the entire Alpine region.

### SYMBIO (funded by EU Horizon Europe Programme)

Led by LGCA, SYMBIO provides European regional communities with tools and methods for building **bio-based business models based on circularity and industrial symbiosis**.

Thanks to tools for the integration of big data and artificial intelligence, SYMBIO shapes highly profitable symbiotic business models with replicable sustainability at the EU level to increase bio-based products on the market and provide a modelling and measurement system and monitor the symbiosis and its social, economic, and environmental impacts.

Involving all actors in the supply chain in a quadruplex approach unlocks local development potential to promote sustainable, innovative, tangible and participatory paths towards the green transition.

## SYNERGIES with other regional or national strategies

### SMART SPECIALISATION STRATEGY S3

**Sustainability Ecosystem**

### PNRR

#### Mission 2

Green revolution and ecological Transition

#### Component 1

Circular economy and sustainable agriculture

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