



Success
in Carinthia.



Welcome to the
SYMBIO-Workshop!



SYMBIO project in a nutshell.

The SYMBIO project provides:

- **Tools and methodological approaches to building bio-based business models** based on circularity by design and industrial symbiosis
- **Symbiotic business models** with high-profitability sustainability replicable at the EU level, **tested and validated in 12 EU pilot regions** (Italy, Austria, Flanders, Spain, Slovenia, Croatia)
- **System measuring and monitoring symbiosis** and its social, economic and environmental impacts
- **Approach** involving all **supply chain actors** in participatory pathways to the green transition

Topic: **HORIZON-CL6-2023-CircBio-01-7**

Type of action: HORIZON Coordination and Support Actions

Grant amount: 1.301.000€

Project duration: 36 months (1/1/2024 – 31/12/2026)

Project coordinator: **Lombardy Green Chemistry Association – LGCA (Italy)**

Project partners:



Cardiff
Metropolitan
University



Methodology and results.



DATA-HUB BUILDING

Explore and analyze regional resources that trigger symbiotic activities close to the market.



Inventory of regional inputs/outputs



Ranking factors enabling circularity by design

- 12 pilot regions involved
- 10 main gaps selected



VALUE-CHAIN DESIGN

Connecting companies in circular value chains based on their specific material flows and available technologies



150+ technologies available to cluster/business networks thanks to tailor-made training



Prioritisation of circular by-design value chains

50 cross-sectional value chains based on zero-waste supply chains modelled

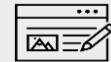


BUSINESS MODELLING

Development of a circularity index and reporting system to support companies in building a circular business model



Selecting high-potential industrial symbiosis models by MCDA



Reporting system fully integrated into the corporate Sustainability Reporting Standards.

- 10 symbiosis business models
- 3 dimensions of sustainability
- 6 multi-stakeholder workshops



BUSINESS DEPLOY

Accelerate business case development by measuring social, economic and environmental impact



LCC, LCA, social and sociological benefits assessment



Synergies with EU projects, networks, initiatives
Exploitation routes

- 1,000 subjects reached
- 3 thematic events organised
- Policy recommendations



BABEG

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SYMBIO

Thanks for your attention!

Invitation to the second Workshop on the 15th of May at the CIRPLEX



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