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SymbioTech

Newsletter #3
(March 2026 – June 2026)

**Advancing Training Materials and Digital
Tools for Digital Industrial Symbiosis**



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From Curriculum Design to Practical Implementation

During March–June 2026, SymbioTech focused on turning its curriculum, stakeholder feedback and technical planning into practical outputs.

Partners advanced the **development of training materials** for future **SymbioTech Managers**, continued work on the **AI-assisted Collaborative Platform** and the **SymbioEnergy Tool**, and prepared the ground for the next piloting phase.

These activities mark an important step towards making **Digital Industrial Symbiosis** more accessible for learners, educators, SMEs and professionals across Europe.



From Curriculum Design to Practical Training

SymbioTech has now moved beyond curriculum design and is focusing on the development of practical training materials for future **SymbioTech Managers**. These materials will help learners apply Digital Industrial Symbiosis in real business and industrial contexts.

The training pathway is designed for two learning levels: **EQF6**, targeting higher education students and future professionals, and **EQF5**, targeting VET learners, SME practitioners, trainers and professionals seeking practical upskilling.

The programme covers seven key areas: **Industrial Symbiosis, Life Cycle Assessment, interorganisational cooperation, AI and machine learning, blockchain-based traceability, symbiotic energy management and Environmental Management Systems**. Together, they combine the technical, digital, environmental and cooperation skills needed to identify resource-sharing opportunities and support circular industrial solutions.



Partners are currently developing presentations, case studies, practical assignments, toolkits, assessment tasks, interactive activities and digital learning resources. The materials are being prepared with a **strong focus on real-life examples, SME-friendly language and practical application**.

Once finalised, they will be used in the next piloting phase and will support the wider uptake of SymbioTech results across education, training and business environments in partner countries.



Digital Tools in Development

SymbioTech Collaborative AI Platform

The SymbioTech AI-assisted Collaborative Platform is currently in development, with internal testing of key functionalities underway. The platform is designed to support SymbioTech Managers, SMEs, educators and learners by providing access to project resources, supporting collaboration and enabling data-driven analysis of industrial resource flows.

Its future functionalities will help users explore potential synergies between companies, interpret industrial data and support circular business decision-making.

SymbioEnergy Tool

Work is also continuing on the SymbioEnergy Tool, which will support energy-related analysis within industrial symbiosis contexts. The tool is being developed and internally tested to help simulate energy flows and balances, identify optimisation opportunities and support cost-benefit and investment analysis for symbiotic energy solutions.





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SymbioTech Impact: Building Readiness for Digital Industrial Symbiosis

By Month 18, SymbioTech is already turning project work into practical value. **More than 900 stakeholders** have been directly engaged across partner countries, including SMEs, education providers, business networks, students and public actors. Their feedback is now shaping the training materials and digital tools, with a clear focus on practical examples, simple language and SME usability.

The main impact so far is **readiness**: engaged stakeholders, validated learning content, strengthened partner capacity and digital tools moving towards testing and piloting.

Stakeholder Engagement Continues

Stakeholder engagement remains an important part of SymbioTech. During this period, partners continued working with **SMEs, higher education institutions, VET providers, business networks, public authorities, students, NGOs and technology actors.**

Through consultations, workshops and Knowledge Committee activities, stakeholders provided feedback on training needs, SME challenges, digital tool usability and future piloting priorities.

For more information about SymbioTech news, events and stakeholder activities, visit:

<https://symbiotech-project.eu/news-events>





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