



TRAINING #4

Life Cycle Assessment (LCA) for PFAS-Free Coatings: Supporting Safe-and-Sustainable-by-Design (SSbD) Decision-Making

Interactive Online Training • Presented by Materia Nova (MANO) • 30 September 2026, 10:00 – 12:00 (CEST)

BIO-SUSHY TRAINING #4

Wednesday, September 30, 2026, 10:00 – 12:00

Life Cycle Assessment (LCA) for PFAS-Free Coatings: Supporting Safe-and-Sustainable-by-Design (SSbD) Decision-Making

[REGISTER HERE](#) >

Time	Segment	Format	Lead	
10:00 – 10:15	Welcome & Introduction	Presentation	AXIA	1. Welcome, housekeeping (mic, chat, help). 2. Brief intro to BIO-SUSHY project and the role of LCA. 3. Introduction of MANO expert. 4. Overview of today's goal: Why sustainability assessment is essential for PFAS-free innovation.
10:15– 10:25	Common Misconceptions about LCA	Interactive Poll	AXIA + MANO	1. Explore 4–5 common misconceptions about LCA. 2. Collect participants' responses through an interactive poll. 3. Briefly discuss the answers and clarify key concepts.
10:25– 11:00	Module 1: LCA Fundamentals	Presentation	MANO	1. What is Life Cycle Assessment? 2. ISO framework and four LCA phases 3. System boundaries and functional units 4. Typical databases and software tools
11:00– 11:35	Module 3: Results analysis & Link to SSbD	Presentation	MANO	1. SSbD framework and Integration of LCA into SSbD 2. Environmental hotspots in coating systems 3. Comparison of benchmark and BIO-SUSHY coatings 4. Examples from BIO-SUSHY case studies
11:35– 11:50	Key Takeaway	Interactive Poll + Open Discussion	AXIA + MANO	1. 4–5 questions about LCA. 2. Main takeaway on LCA and LCA in SSbD 3. Open questions
11:50– 12:00	Wrap-up & Next Steps	Presentation	AXIA	1. How to access the recording, slides. 2. Invitation to follow BIO-SUSHY channels for future results and events