



Keynote Session	Leading Pilot Facilities for the Bioeconomy (Pilots4U)
Title	LAB Biofine – Flexible Pilot Plant in Finland. Coming Soon!
Company	LAB University of Applied Sciences
Speaker	Liisa Peri
Keywords feedstock (max 2)	Biomass, Plant-based
Keywords technology (max 2)	Sustainable Extraction
Keywords End-Product (max 2)	Valuable Extracts
Abstract:	
LAB Biofine – Flexible Pilot Plant in Finland. Coming Soon! Accelerating Sustainable Innovation LAB Biofine is a bold innovation and development platform designed to advance the bioeconomy together with the city of Lappeenranta. We help companies transform bio-based ideas into sustainable business through agile piloting, cutting-edge research, and international collaboration. Our low-threshold pilot environment allows companies to develop and commercialize bio-based solutions without major upfront investments or risks. Strong Foundations in Research and Expertise Biofine brings together LUT University's world-class research in chemistry and separation technology with LAB University of Applied Sciences' practical expertise in circular economy. This unique combination ensures a solid foundation for innovation and development. The development of LAB Biofine follows a clear roadmap: • 2024: Concept development • 2025–2026: Construction and ecosystem building • 2027: Launch of Pilot operations More Than a Pilot Plant LAB Biofine is not just a facility, it's a comprehensive ecosystem that integrates research, education, and industry collaboration. Collaboration themes are 1. green electrification and bioproducts, 2. forest and agricultural side streams as raw material sources and 3. pilot plant and competence centers that enable industrial-scale testing and commercialization of innovations. Ideas are easy to generate, but turning them into commercial success requires effort, courage, and experimentation. With the support of city of Lappeenranta, LAB Biofine will serve as a neutral, safe, and reliable platform for product development, innovation testing, and research projects. We enable tomorrow's bioeconomy innovations today!	