



Keynote Session	Leading Pilot Facilities for the Bioeconomy (Pilots4U)
Title	Bridging Lab and Industry with Scalable Fermentation Solutions
Company	Biosphere S.r.l.
Speaker	Marco Pistocchi
	General Manager
Keywords feedstock (max 2)	Glucose Sucrose
Keywords technology (max 2)	Fermentation Biocatalysis
Keywords End-Product (max 2)	Enzymes Microorganisms
Abstract:	
Biosphere is an Italian industrial biotech company and pilot facility, offering specialized contract R&D and CDMO services for the development, piloting, and scale-up of microbial fermentation and downstream processes. With a strong focus on industrial biotechnology and the bioeconomy, we support startups, SMEs, and corporates in accelerating their path from lab to market. Our modular pilot facility bridges the innovation gap between research and industrial production, enabling seamless scale-up from bench-top fermentations (1 L) up to pilot scale (1,000 L). We offer expertise in process development, optimization, tech transfer, and custom manufacturing across various applications—from food, feed, and agriculture to biochemicals and biomaterials. As one of the co-creators of the <i>Pilots4U powered by Copilot</i> platform, Biosphere plays an active role in building a more connected and accessible European network of open-access pilot and demo infrastructures. Our mission is to de-risk innovation, accelerate industrial deployment, and support the transition to a more sustainable and circular bioeconomy.	