



Session	Start-ups/SMEs looking for Finance: Pre-seed/Angel/Seed
Title	ChemPlat: Turning organic residues into high-value chemicals
Company	ChemPlat Biochemicals (Poznan University of Technology)
Speaker	Filip Brodowski
TRL	TRL 4-7
Keywords feedstock (max 2)	Organic residues
Keywords technology (max 2)	Mixed-culture fermentation
Keywords End-Product (max 2)	Platform chemicals
Abstract:	
ChemPlat Biochemicals turns organic residues into valuable biobased chemicals, giving underused resources a new role in everyday products. Through mixed culture fermentation, we transform non-sterile side streams from the agri-food industry into platform chemicals (medium chain carboxylic acids) used in the production of commodity chemicals (such as solvents and lubricants), flavours and fragrances, cosmetic and personal care ingredients, and animal nutrition products. Our goal is to help manufacturers replace fossil- and palm oil-based ingredients with alternatives made from locally available organic residues. By using existing side streams, we aim to reduce greenhouse gas emissions and reliance on fossil resources and palm oil, whose production is associated with GHG emission, deforestation and biodiversity loss. This approach creates value from underused materials that can be costly for companies to manage, while supporting more secure, local and circular chemical supply chains. The co-founders of ChemPlat Biochemicals are Prof. Piotr Oleskowicz-Popiel and Filip Brodowski, PhD. We are seeking investors and industrial partners to support technology development, scale-up and the exploration of product applications. Together, we can bring chemicals made from organic residues closer to everyday use.	