



Session	Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding
Title	Nanozymes: Next-Generation Catalysts for a Profitable and Resilient Biobased Chemical Industry
Company	Level Nine
Speaker	Seadna Quigley
Keywords feedstock (max. 2)	Lignin Fatty Acids
Keywords technology (max 2)	Biomimetic catalysts Bioprocessing
Keywords End-Product (max 2)	Bio-polyols
Abstract:	
90% of all chemical processes require a catalyst to function, but chemical companies are stuck with catalysts developed decades ago for the oil and gas industry. Level Nine is developing a breakthrough catalyst technology platform to unlock a profitable biobased chemicals transition. With our first nanozyme, we have developed a profitable route to producing biobased polyols for the PU foam market that are cost-competitive with petrochemicals. We have validated our process at pilot-scale, and are now working with clients and technology partners to optimize our first nanozyme process at demo scale (3kT) by 2028.	