



Session	Start-ups/SMEs looking for Finance: Series A and Series B/C Funding
Title	From green chemical research to scale-up bio-based ingredients based on local feedstock
Company	Plinius Labs
Speaker	Yves Boonen
Keywords feedstock (max 2)	100% EU biomass; agro-sidestreams
Keywords technology (max 2)	Patented pretreatment; pilot 700 kg output
Keywords End-Product (max 2)	Cosmetic pale lignin; SPF/antioxidant booster
Abstract:	
Plinius Labs is raising €4,0M Series A equity to co-finance a €8,0M CAPEX Lignin NewCo and build Factory-1, a 700 t/y cosmetic-grade pale lignin unit in Western Europe, to be operational in 2028. The plant targets a 50:50 equity-debt structure and a maximum 3-year payback and targeted 65% gross margin at steady state. Our patented pretreatment valorises 100% EU agro-sidestreams into a pale, low-odor, micron-sized lignin powder that functions as UV booster, antioxidant, and emulsion stabilizer for sun- and skin-care. Regulatory and safety pathways are clear for cosmetic use. Commercial readiness will be de-risked by a pilot capability that will be demonstrated by Q4 2026. We are onboarding anchor formulators and distributors to secure offtake, seed EU supply, and position for a fast Factory-2 replication near available feedstocks. Plinius Labs is an application-driven natural-chemistry venture building EU supply chains for bio-based ingredients for cosmetics and food. We operate the inhouse developed 'AMPLE' platform across feedstock qualification, green extraction, analytical QA, formulation screening, and regulatory readiness. Portfolio includes cosmetic pale lignin and natural vanillin from grass-like sidestreams. We prioritise local residues, short logistics, and REACH-compatible routes to support EU strategic autonomy.	