



Session	Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding
Title	Sun Bear Biofuture - The future of Fats and Oils
Company	Sun Bear Biofuture
Speaker	Ben Wilding
Keywords feedstock (max. 2)	Sugars, Starch
Keywords technology (max 2)	Fermentation, Microbes
Keywords End-Product (max 2)	Fat, Oil
Abstract:	
Sun Bear Biofuture started in mid 2022 and have rapidly built an expert team in genetic engineering of yeast for microbial oil production. Our patent pending yeast reaches almost 80% lipid content and our unique downstream processing approach cuts the cost of scale up in half, making commercialisation at speed much more feasible. We are launching our first product, Melior oil, into the cosmetics market in November 2025 and have a collaboration signed up with a major high street cosmetics brand. We aim to launch in their product range in late 2026/7. We are working on our novel food accreditation and will be submitting in 2026. In Q4 2025 we are scaling production from pilot plant to demo plant. For our demo plant we have a location, lease, insurance and equipment partner all in place and ready to go. This will be a 5,000l facility, giving us capacity to produce 1 to 2 tonnes of oil per month. We are utilising a mixture of alternative feedstocks and have shown our Melior yeast strain performs well on a mixture of agricultural waste and food manufacturing side streams. We have a potential scale up partner in place in the UK to carry out a joint development project for our first industrial scale facility once the demo plant and commercialisation is validated in 2026. We are raising our Seed round now of £2.5m. Today we are based in Oxford in the UK but we have global ambitions.	