



Session	Start-ups/SMEs looking for Finance: Pre-seed/Angel/Seed
Title	CyanoCare - Novel algae ingredients for natural cosmetics
Company	CyanoCare Natural Products FlexCo
Speaker	Rita Mota
TRL	TRL 4 - 7
Keywords feedstock (max 2)	Cyanobacteria, CO2
Keywords technology (max 2)	Photobioreactors, Membrane-Filtration
Keywords End-Product (max 2)	Biopolymers, Biomass
Abstract:	
Synthetic petroleum-based components have become increasingly unwelcomed in cosmetics due to public awareness of their long-term health problems, creating great pressure for industry to shift to natural, safer and environmentally friendly ingredients. On the other hand, algae are prolific sources of added-value natural compounds, with some cultures can even result in zero-waste biorefineries to produce biorenewables ranging from skincare ingredients to natural blue dyes. Thus, CyanoCare aims to develop natural-based added-value products for the personal care industry derived from cyanobacteria. Cyanoflan, a patented carbohydrate polymer, is naturally produced in large quantities by a marine cyanobacterium. It can be used in a wide variety of cosmetic and pharma formulations, namely as a thickener/stabilizer, while being able to provide protection to the skin against insults, due to its antioxidant and anti-inflammatory properties. This strain is cultivated in a renewable and 100% natural process being a constant supply of green materials, including the multi-functional extracellular polymer and the biomass surplus reaching a zero-waste value chain. Our business model is B2B, in which the cyanobacterial ingredients will be sold to large ingredient suppliers established on the global market or to cosmetic product manufacturers who will include them in their own final formulations.	