



Session	Start-ups/SMEs looking for Finance: Series A and Series B/C Funding
Title	Fuel from sunlight and CO2 for hydrocarbon addicted transportation
Company	HutanBio Ltd
Speaker	Paul Beastall, HutanBio CEO
Keywords feedstock (max 2)	Microalgae
Keywords technology (max 2)	HBx Technology
Keywords End-Product (max 2)	HBx BioOil
Abstract:	
<p>HutanBio is developing HBx, a carbon-negative bio-oil engineered to decarbonise aviation, shipping, and heavy mobility - sectors burning 1.2B tonnes of fossil fuel and emitting 7.5B tonnes of CO₂ annually. With \$14T of fleet assets locked in for decades, they need a scalable drop-in fuel. Batteries lack energy density, hydrogen and e-fuels are decades away, and crop biofuels remain constrained by land, water, and provenance risks.</p> <p>HBx delivers that solution. Our proprietary platform is built on newly discovered marine microalga with lipid yields 10× higher than legacy strains. Cultivated year-round on non-arable land using only CO₂, sunlight, and seawater, HBx avoids food competition, freshwater use, and deforestation.</p> <p>Independent analysis confirms each tonne of HBx biomass captures 1.8 tonnes of CO₂, delivering a carbon-negative energy pathway.</p> <p>Refinery-ready and infrastructure-compatible, HBx integrates into today's energy system. Our proprietary cultivation technology has been proven at scale for 18 months, with unit economics profitable at current used-cooking-oil prices. Our first industrial-scale deployment launches in 2026, enabled by a £15M Series A.</p> <p>With net-zero mandates driving a \$200B low-carbon fuels market, HutanBio is positioned to become the UK's first climate decacorn, delivering gigaton-scale decarbonisation.</p>	