Session	Start-Ups/SMEs looking for finance: Series A, Series B/C
Title	Uniprotein®: Protein from Methane at Industrial Scale
Company	Unibio
Speaker	Jens Dynesen
TRL	TRL 8-9
Keywords feedstock (max 2)	Methane
Keywords technology (max 2)	Gas fermentation
Keywords End-Product (max 2)	Single-cell protein

Abstract:

Food security starts with feed protein. Demand for high-grade feed protein keeps growing, but fishmeal, the benchmark ingredient, is made from wild-caught fish, and the global catch has not grown in thirty-five years. The total addressable market exceeds USD 130bn.

Our solution is Uniprotein®, a 70–72% crude-protein ingredient fermented from methane, independent of land, ocean, weather and shipping lanes. It replaces fishmeal and soy concentrate in fish, livestock and pet feed, and is approved in 9 jurisdictions.

Uniprotein® is produced in the U-Loop® reactor, which achieves higher gas-to-liquid mass transfer than conventional fermenters (CSTR's and Airlift/bubble columns), lowering unit capex and energy use. The technology is protected by 19 patent families. Commercial-scale production is already established: our initial master licensee has operated a 6,250 tpa plant since 2021, supplying the aquafeed market.

We grow by building capacity with partners, rather than funding every plant ourselves. Partners bring capital, sites, gas and regulatory access; we bring the licence, the engineering and global sales. Next is a planned 50,000 tpa first phase in Saudi Arabia with the Saudi Industrial Investment Group (SIIG).

Beyond protein, the U-Loop® is being developed for other gas fermentations with initial partners for acetate from CO_2 and hydrogen, and bio-butadiene from methane.

Unibio is raising growth capital to build out a diversified global production network.