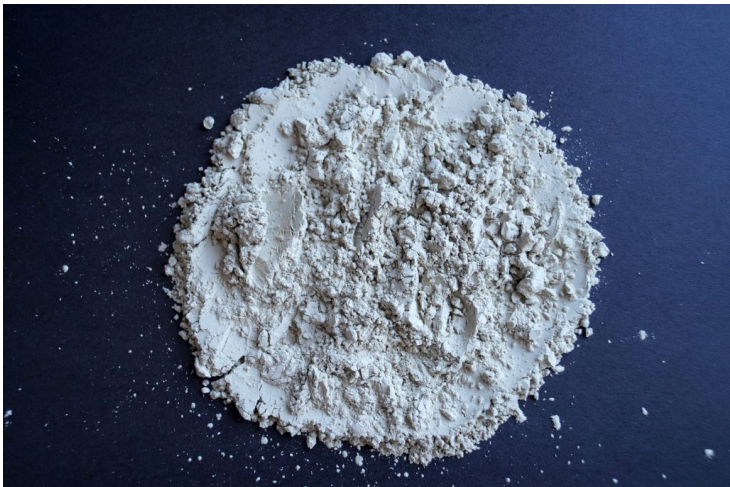


LanzaTech to produce nutritional protein

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LanzaTech Global, the carbon recycling company transforming waste carbon into sustainable fuels, chemicals, materials, and protein, announced its plans to expand its biorefining platform capabilities to include operations that produce LanzaTech Nutritional Protein (LNP) as the primary product. LNP is a microbial protein that is a nutrient-rich alternative to plant and animal-based proteins. By using a new microbe in its proprietary gas fermentation process, LanzaTech's biorefining platform can produce a cost-competitive protein solution that supports a resilient food supply chain. LNP production can address food security issues and be produced anywhere in the world, independent of weather extremes. Notably, the production of LNP uses a fraction of the land and water resources that traditional protein sources require.

With the development of LNP production facilities, LanzaTech will gain access to the large and growing alternative protein markets, diversifying its customer base, expanding its sources of revenue, and optimising the value creation driven by its existing, proven platform.

"Building on the expertise of our commercially operating core gas fermentation process, LNP represents a natural expansion of our business," said Dr Jennifer Holmgren, CEO of LanzaTech. "By coupling a new microbial production strain with our existing bioreactor technology, and our years of operating experience, we have developed a path to mass produce protein from CO₂. We've operated a pilot facility for two years to prepare for commercialization. In the process, we've partnered with leading brands and food testing organizations for rigorous analysis and prototyping of nutrition applications. We have now progressed into the engineering design phase for a 0.5 to 1.5 tonne per day facility, expected to be operational in 2026. We have developed a roadmap to commercial-scale production in 2028."