



Media Release

Blue Horizon announces seed investment in Arkeon Biotechnologies

Zurich, 8 March 2022 – Blue Horizon, a pure play impact investor in the future of food, today announces its seed investment into a sustainable ingredients company producing protein from carbon dioxide.

Arkeon Biotechnologies is an ingredients company based in Vienna, Austria, leveraging the power of ancient microbes to create the most sustainable, nutritious, and ethical food system possible. Arkeon's proprietary technology allows the company to convert CO₂ directly into all 20 amino acids that are essential for the human diet, enabling an entirely new world of food products.

The company's technological foundations have been built over a decade of research by co-founders Dr. Simon Rittmann, Dr. Guenther Bochmann, and Dr. Gregor Tegl. The team's technical breakthrough was in the identification of an exceptional, understudied extremophile microorganism from the Archaea domain that naturally produces the building blocks of proteins in only one fermentation process.

The scientists are now focused on scaling up the production of amino acids and functional peptides to bring a variety of high-value ingredients to customers. The company's customizable products are 100% vegan and GMO-free, they can be used as clean label ingredients for plant-based foods, nutrition products, cultivated meat culture media, and much more.

Blue Horizon has several investments in precision fermentation companies, including Motif FoodWorks, Geltor, Impossible Foods, The Every Company, AgBiome, and Chromologics. Other investors in Arkeon Biotechnologies' EUR 7 million seed round include EVIG, Synthesis Capital, and ReGen Ventures.

Friederike Grosse-Holz, Director at Blue Horizon, said: "Arkeon has the potential for tremendous impact for people, animals, and the planet. We see them as an emerging industry leader in gas fermentation, a "holy grail" technology in Climate Tech. When Arkeon industrializes its groundbreaking science, it will not only provide low-cost functional inputs for the New Sustainable Food System, but can sequester carbon dioxide itself while preserving natural carbon sinks. The technology not only could reduce agricultural land use and make re-wilding Earth possible, but is also a strong candidate for off-planet protein production systems in the future."

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Media contact Blue Horizon

Marc Duceck
Head of Communications
Phone +41 79 639 42 38
media@bluehorizon.com

About Blue Horizon

Blue Horizon is accelerating the transition to a New Sustainable Food System that delivers outstanding returns for investors and the planet. The company is a global pioneer of the Future of Food. As a pure play impact investor, Blue Horizon has shaped the growth of the alternative protein and food tech market. The company invests at the intersection of biology, agriculture and technology with the aim to transform the global food industry. Blue Horizon was founded by Roger Lienhard in 2016 and is based in Zurich. To date, the company has raised over USD 850 million and invested in more than 60 companies. Its business model offers an attractive opportunity to invest in the evolution of the global food system while contributing to a healthy and sustainable world. www.bluehorizon.com

About Arkeon Biotechnologies

Arkeon Biotechnologies leverages the power of ancient microbes to create the most sustainable, nutritious, and ethical food. The company uses highly efficient microorganisms to produce customizable functional protein ingredients for the next generation of alternative protein food products. Arkeon's proprietary technology is fully independent from agricultural land and directly converts CO₂ into a range of clean label ingredients that are GMO-free and 100% vegan. The company holds the key to unlock a food system without resource constraints, without geographical restrictions and free from animal suffering.