



We create chemistry

Venture Capital GmbH

Dear friends and business partners,

2022 started off with inflation concerns, supply chain issues, and doubts about the final ending of the COVID pandemic. Russia's unforgivable war against Ukraine eroded our optimistic perspective on international collaboration and economic development. Many relationships must be rebuilt before we can define a new normal.

Like so often in the past, young companies have proven themselves resilient and flexible when dealing with these massive changes. Climate change and digital transformation remain both the biggest challenges and business opportunities of our time. This is why we continued to invest in some of the most promising young companies around the globe.

The world has changed, but not our mission to partner with the strongest entrepreneurs to catalyze positive change for our society, the chemical industry, and BASF.

Wishing you all the best for 2023, and we look forward to partnering with you while we continue our purposeful journey!

Kind regards,

A handwritten signature in black ink, appearing to read "Markus Solibieda".

Markus

Markus Solibieda, Managing Director
BASF Venture Capital GmbH





Quantonation is the first early-stage fund dedicated to the quantum technology ecosystem. It leverages scientific expertise to guide investments across four areas: quantum computing, quantum networks, quantum sensing, and deep physics. Through these investments Quantonation aims to support the transition of quantum technologies to industrially relevant products.

BASF Venture Capital was proud to invest in Quantonation's first fund alongside the likes of BPI France, Lake House, and Tencent. The fund was oversubscribed at EUR 91m - a clear indication of the enthusiasm and desire to make quantum aspirations a commercial reality.

 <https://www.quantonation.com>

LanzaTech

LanzaTech, the Chicago based carbon recycling company, has announced a number of important collaborations in 2022, including partnerships with Danone, Bridgestone, Givaudan, Woodside Energy and others. Earlier this year, LanzaTech announced its plan to go public through a business combination with AMCI Acquisition Corp II. In addition, in October 2022, LanzaTech received a USD 500 Mio. commitment from Brookfield for the scale-up of their plants.

 <https://lanzatech.com>



LanzaTech's commercial facility with steel producer Shougang in China, converting steel mill emissions into ethanol.



Founded in 2020, Climentum Capital is backing ambitious founders to scale climate technology.


Climentum Capital is a Copenhagen-based climate impact venture fund. It focuses on technologies capable of reducing annual emission by 100Mt at scale. It is backing ambitious founders to scale climate technology, and will be among the first Article 9 funds in Europe with a dedicated focus on CO₂ emission reductions from day one.



With this investment BASF Venture Capital supports BASF's ambitious climate protection goals, and the two organizations will engage in a strategic relationship fostering knowledge sharing, deal sharing and co-investment opportunities.

 <https://www.climentum.com>

ESS (NYSE: GWH) the Oregon based developer and manufacturer of iron flow batteries, has signed several partnerships and customer contracts, including Consumers Energy (Michigan), Burbank Water & Power, Pennsylvania Microgrid. In addition, ESS has established distribution partnerships for Australia and New Zealand, and has attracted high profile management in order to accelerate its journey towards the green energy transition.

 <https://essinc.com>



NBD Nano creates coatings to reduce fingerprint visibility for glass and impart stain repellency for plastics, textiles and other materials.

NBD Nano has expertise in developing surface properties such as repellency for plastics or optical coatings for displays. They offer hydrophobic, hydrophilic, oleophobic and oleophilic coatings, additives, and adhesives for any application, on any substrate, with unprecedented durability and adaptability. NBD Nano's platform technology allows for a tremendous variety of applications in electronics, consumer goods, and automotive.

BASF Venture Capital invested in NBD Nano in 2017. In September 2022, we exited our position when Henkel acquired this Boston-based start-up.



IntelliSense.io, the Cambridge (UK) based provider of Scientific AI to run mines & plant at its optimum state, has been able to broaden its global customer base significantly. Under the leadership of Sam Bose, Shona Molyneux, Steve Schmidt and Tim Knight, the team of IntelliSense.io has developed into an established SaaS supplier to the global mining industry.

BASF is proud to be a distribution partner of IntelliSense.io, and to jointly deliver additional expertise to the optimized and sustainable use of chemicals in the mining industry.

 <https://www.intellisense.io>



Artificial intelligence-based solutions from IntelliSense.io make mining more efficient, sustainable and safe.





Ecorobotix changes agriculture for the better by respecting the environment, focusing on improving agriculture by reducing chemical, energy and water use. Ecorobotix offers ultra-high precision agriculture using machine learning to identify and treat individual plants - significantly reducing herbicide/pesticide/insecticide and liquid fertiliser use - while increasing crop yields.

BASF Venture Capital supported Ecorobotix with existing investors like CapAgro the last EUR 15,6m funding round for the Swiss based AgTech startup. The round was led by Swisscom Ventures.

<https://ecorobotix.com/en>



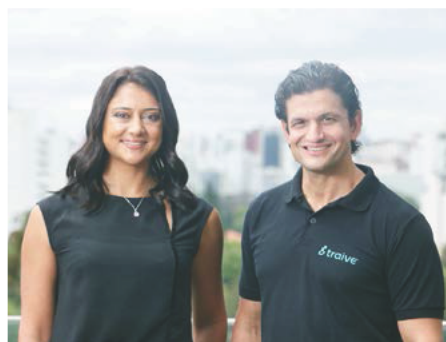
Sea6 Energy is located in Bangalore, India. The company is a leader in the production and processing of tropical red seaweed.

Sea6 Energy was founded in 2010 to develop innovative solutions to key global problems. Over the last decade, it has become a pioneer of innovative technologies for sustainable, large-scale and mechanized ocean farming and products from them. The company envisions a future powered by the endless potential of the oceans.



BASF Venture Capital joins Aqua-Spark in a Series B investment round for Sea6 Energy. With this investment, Sea6 Energy will complete its Series B transaction of INR 1402 million (about USD18.5 million) in total.

<https://www.sea6energy.com>



Karime Hajar Alves, Investment Manager at BASF Venture Capital and Fabricio Pezente, co-founder and CEO of Traive™.

intelligence generates a risk assessment that helps credit managers, banks and FinTechs make more targeted and dynamic decisions, reduce costs and mitigate financial risks through real-time monitoring of credit portfolio risk.

The investment was executed in October 2022 and BASF Venture Capital was the lead investor of a pre-Series B round of USD 10 million.

Traive™ is a financial platform that digitizes the entire path of agricultural credit - from the farmer's demand to the financial market - and reduces the effort involved in obtaining and managing loans. The proprietary technology allows crop protection product manufacturers, traders, farmers, cooperatives and trading companies to review, register, manage and trade their loans on a single platform. In addition, artificial

<https://traivefinance.com/?lang=en>



Groundwork BioAg® produces mycorrhizal inoculants for commercial agriculture. Using the eco-friendly products, farmers worldwide safeguard their crop yields, improve resistance to stress, reduce fertilizer requirements and accelerate decarbonization of mainstream agriculture.

BASF Venture Capital supported together with existing investors like Israel Cleantech Ventures the USD 18m funding round this year for the Israel based AgTech startup. The round was led by Climate Innovation Capital, a leading Canadian, growth equity decarbonization fund.

<https://www.groundworkbioag.com>

The focus areas for the Brazilian AgVentures II fund include software solutions for agriculture. The fund is managed by São Paulo-based SP Ventures and focuses on startups from the Latin American agricultural and food (AgFood) sector.



SP Ventures is a Brazilian fund manager listed among the top five most active AgTech investors in the world and the most active FarmTech investors in Brazil. With a track record of over 50 investments all over Brazil and Latin America, SP Ventures has launched its second fund focused exclusively on Ag-/FoodTech in Latam. BASF Venture Capital is one of the anchors participating with USD 4 million.

SP Ventures concluded the last closing of AGV II Fund during the 3Q 2022, with a very qualified strategic investors and has been accelerating the deployment process since then.

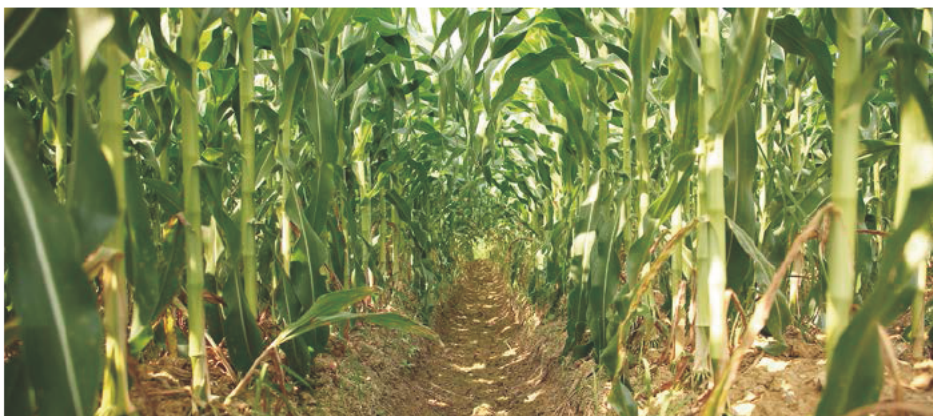


FortePhest is a biotechnology company focusing on crop protection, they are developing a new technology to combat herbicide-resistant weeds and invasive plants. The company has pioneered the development of several classes of herbicides with a new mode of action to inhibit the growth of weeds, with no harm to high-value corn, wheat, and other important crops. FortePhest is developing proprietary herbicides (H-Forte™) which disrupt the homeostasis of free amino acids in plant cells and selectively target a weed's meristems, stopping developments of shoots and roots. BASF Venture Capital and Orbia

Ventures are joined by Sherpa InnoVentures, SIBF II and other investors for this funding Series B round in Q4/2021.



Founded in 2017, FortePhest is developing a new technology to combat herbicide-resistant weeds and invasive plants.



Computomics can provide its customers with recommendations for the development of higher-performing crops adapted to future climates and speed up breeding.



Computomics focuses on predictive breeding technology for crops and has developed a cutting-edge artificial intelligence (AI) with their heir product xSeedScore®. The technology analyzes the plant's genome as well as other factors such as local environmental data. Computomics can thus provide its customers with recommendations for the development of higher-performing crops adapted to future climates and speed up breeding.

Computomics completed a Series A round co-led by Amathaon Capital and BASF Venture Capital in Q3/2021.

Event Review

In October 2022, Markus Solibieda participated in the Global Corporate Venture Conference in Sao Paulo. This conference has grown from 100 participants in 2018 to 500 participants in 2022. Great start-ups and a perfect timing, as BASF VC just had announced our investment in Traive™ the week before.



BVC's 3rd Portfolio Day on June 8, 2022, was all about networking. More than 100 participants, including BASF leaders and several representatives of portfolio companies and other young companies, met for the hybrid event live in the hall in Morristown, New Jersey, and via an online conference platform.



Dr. Josh Speros was proud to serve on the selection committee for the Greentown Labs Go Move 2022 cohort. BASF, along with our customer Magna, will support startups with technologies aimed at decarbonizing the automotive sector. The Go Move program is an exciting opportunity to work alongside a key customer while digging deep with startups to formally define partnership opportunities.



Neal Okarter spoke at the AgriTech Venture Forum (Toronto) in May 2022.

Dr. Claus Hackmann was happy to contribute to the fruitful panel discussion at agrarWirtschaftForum during his day trip to Frankfurt (Main) in October 2022.



Irene Yang was a panelist on innovation, circularity and venture capital at the Zero Waste Conference (Vancouver), Propel Energy Forum (Calgary) and Industrial Tech Dealmakers at Connectory by Bosch (Chicago).

