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RisingFoodStars

COHORT
2022

[#EITFoodRisingFoodStars](https://twitter.com/EITFoodRisingFoodStars)

entrepreneurship.eitfood.eu



The RisingFoodStars (RFS) Network allows successful, impactful agrifood scaleups to scale to the next level in becoming the international gamechangers of the future.





Food
Entrepreneurs

Sustainable
Agriculture

Sustainable
Aquaculture

Protein
Diversification

Digital
Traceability

Circular
Food
Systems

Targeted
Nutrition



RisingFoodStars

WORKING TO MAKE
THE FOOD SYSTEM
MORE SUSTAINABLE,
HEALTHY & TRUSTED

KEY FOCUS AREAS

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ALIGA
microalgae

 **CUBIQ**
FOODS

essento[®]
MAKING INSECTS DELICIOUS

HAPPY
OCEAN
FOODS



 **NAPIFERYN**
BIOTECH[®]

 **protera**

 **NASEKOMO**

Protein
Diversification



ALIGA

microalgae

Our focus lies in developing, cultivating and producing vegan, plant-based and protein-rich Chlorella algae ingredients for food, feed and dietary supplement applications.

This innovative ingredient is a vegan non-GMO superfood that only consists of fermented and dried Chlorella algae which naturally contains vitamins, minerals, fibers, proteins, amino- and fatty acids.

Country: Denmark

Aliga Microalgae is a Danish based food-tech company and leading microalgae producer in Scandinavia

Protein
Diversification



CUBIQ FOODS was founded with the vision of supporting the food chain transformation into a more sustainable, nutritional and affordable to everyone in the world.

We envision that food ingredients innovation and, particularly fat solutions as ingredients, can become “change agents” for the food chain.

Country: Spain

CUBIQ FOODS develops and produces fats that adapt to the needs of industrial customers who want to produce healthy foods

Protein
Diversification



essento[®]

MAKING INSECTS DELICIOUS

Essento's mission is to drive the food revolution forward by developing, producing and marketing healthy and delicious specialties - with minimal processing - made from insects and natural ingredients.

Our vision is to create a circular food system: we feed insects for human consumption with side streams of tagriculture and the insect's waste goes back to agriculture as a fertilizer.

Country: Switzerland

Essento is the European pioneer for delicious, protein-rich and ecologically worthwhile insect food products

**Protein
Diversification**



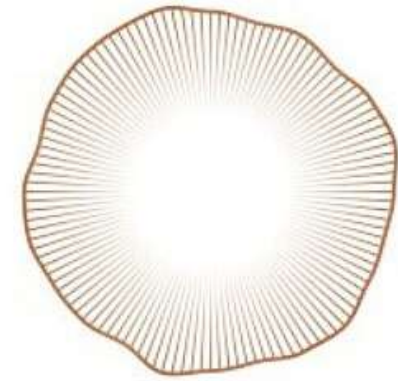
As enthusiastic surfers and nature lovers we decided to create a brand for authentic seafood alternatives. Alternatives that are delicious and help protect our oceans.

By developing plant-based seafood alternatives we reduce the need for mass fishing and commercial fisheries.

Country: Germany

HAPPY OCEAN FOODS is focused on research and development of plant-based fish and seafood

Protein
Diversification



At Mushlabs, we grow mushroom roots, called mycelium, in fermenters in an efficient, sustainable process.

We can produce a versatile product portfolio of sustainable, healthy and clean-lable foods for non-animal alternative products adapted to local tastes.

Country: Germany

Mushlabs is a biotech company using fermentation to create the next generation of sustainable foods from the roots of mushrooms

Protein
Diversification



NAPIFERYN
BIOTECH®

NapiFeryn BioTech developed and patented technology to obtain food grade proteins from the material left over after pressing oil from rapeseed.

The rapeseed proteins generated in our technology have unique functional properties which make them an ideal food ingredient.

Country: Poland

NapiFeryn BioTech is a company based in Poland using technology to produce natural and functional plant derived proteins

Protein
Diversification



Nasekomo is pioneering the next-generation model of insect-protein industrialization for insect farms, agro-industrials and waste operators by providing higher value-added insect (BSF) lifecycle management, genetics and technical services while growing production capacity via partnerships and franchising.

Country: Bulgaria

Nasekomo is a manufacturer of high-quality protein products from industrial rearing of the insect Black Soldier Fly

Protein
Diversification



Country: France

Protera is producing next-generation protein ingredients for food applications

To design our products we have developed a process called Natural Intelligence™ which takes advantage of proprietary AI algorithms to design functional proteins, then we produce them at scale using fermentation.

This process can shine a light on a previously untapped universe of proteins. Shelf-life extension, palm oil replacers and Antioxidants are part of Protera's product portfolio.

Protein
Diversification



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Circular Food Systems



AGRAIN

Disrupting the global food system, and offering a fast track to a sustainable future, by upcycling on of the worlds largest and most poorly utilized resources, the brewer's spent grains.

We use malted and mashed grains left from beer and whisky brewing. At Agrain®, we work with organic Danish microbreweries to collect the excess.

Country: Denmark

Agrain® are Danish food products made from spent grains

**Circular Food
Systems**



We design, build and install Pulsed Electric Field equipment suitable for a wide range of applications and outputs.

Elea attaches importance to develop new possibilities of PEF-treatment in the food and beverage industry. We also generate applications in non-food areas.

Country: Germany

Elea is the leading supplier of Pulsed Electric Field (PEF) systems to the food, beverage and scientific sector worldwide

**Circular Food
Systems**



Energy Pulse Systems (EPS) researches, develops, produces and sells pulsed power modulators which are designed to add value to several industrial sectors such as Food, Feed, Microbiology, CleanTech, Oil & Gas, Automotive and Health.

EPS is composed by a multi-disciplinary team with complementary skills and competences, from electronics to physics and biology.

Country: Portugal

EPS is committed in improving food processing, especially regarding extraction and microbial inactivation steps

**Circular Food
Systems**



Kern Tec is committed to bring unique plant based ingredients and products to the global food market created from pits from apricots, cherries and plums.

These raw materials were previously seen as a side product in the global production, but with Kern Tec's technologies they can be processed into tasty, sustainable, nutritious and safe products like food & cosmetic oils, protein powders, "nut" spreads and even dairy alternatives.

Country: Austria

Kern Tec is a food tech startup which developed several technologies to turn fruit pits into new food ingredients

**Circular Food
Systems**

The logo for Mimica, consisting of two overlapping red circles above the word 'mimica' in a teal, lowercase, sans-serif font.

Mimica is radically reducing unnecessary food waste with dynamic freshness indicators on packaging that respond to temperature and show food's true longevity.

Our product, Mimica Touch, is a food expiry cap or label that experiences decay at the same rate as food. It provides accurate, real-time indication of the product's freshness with a tactile interface.

Country: The United Kingdom

Mimica is creating the next generation of food expiry labeling that reduces food waste and improves food safety

**Circular Food
Systems**



We measure and automatically recognize what kind of food is thrown away, in what quantity, and at what time of the day.

Our smart camera on top of the waste bin, connected to a scale, will register all food that is being thrown away up to the ingredient level. This helps them reduce waste while optimizing their profit margin.

Country: The Netherlands

By using innovative technology and AI we provide the food service industry with detailed insights into their food waste

**Circular Food
Systems**



ThorIce has developed a revolutionary system to kill harmful bacteria on poultry meat, without using any chemicals or pharmaceuticals.

The IceChill and IceGun technology solves a worldwide food problem caused by the current inefficient cooling in the poultry processing industry using Ice Slurry as a chilling medium, as it is eco-friendly, non-poisonous and can be transported and applied to any location in the factory.

Country: Iceland

ThorIce is a high-tech company that specializes in developing, producing, and managing slurry ice systems for rapid chilling of fresh foods

**Circular Food
Systems**



At Wasteless, we're helping supermarkets and online grocery stores recapture the full value of their perishable products and reduce food waste through AI-powered dynamic pricing.

Retailers sell products with a limited expiration date, marked off along the demand curve. Selling food, rather than wasting it, lifts profits significantly.

Country: The Netherlands

Wasteless offers a turnkey solution optimizing food price markdowns based on expiry dates

**Circular Food
Systems**



Ypsicon commercialises three patented technologies on a global basis which have great potential for the beverage industry: Ultrahigh pressure sterilisation/homogenisation, Ultraviolet-Thermal pasteurisation and UV-C bottle sterilisation.

Our UHPH sterilization system delivers sterile, shelf-stable liquid foods with improved nutritional and organoleptic properties.

Country: Spain

Ypsicon commercializes innovative technologies and industrial machines to process beverages and liquid foods

**Circular Food
Systems**



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AI TALENTVM

CONNECTING
€ FOOD



Digital Traceability

RisingFoodStars 2022



Agri Marketplace specializes in utilizing e-commerce and food traceability with blockchain to create more efficiency and transparency in food distribution and along different channels of the AgriFood sector.

Our technology facilitates the matching of supply and demand over specific agricultural markets making our digital platform an easier, faster and more transparent process of buying and selling agri-products.

Country: Portugal

A B2B digital marketplace
where fair food trade is
made easy, fast and
transparent

**Digital
Traceability**



AI TALENTVM

Experts in algorithm development for simulation and predicting functions, providing insights to improve, ease and accelerate decision making processes.

With proven experience in raw materials prices, electricity market, biotechnology and industry through full-stack solutions to make the most of the data generated in your company.

Country: Spain

AI Talentum is an innovative company specialised in artificial intelligence, machine learning and high performance computing

**Digital
Traceability**

The logo for Analytics Engines, featuring a colorful circular graphic with red, yellow, and blue segments.

Analytics Engines

Combining market-leading technology and deep commercial experience, Analytics Engines is the trusted data analytics partner to customers across industry and the public sector. Our data solutions reduce complexity, optimize performance and build intelligence.

Clients are drawn from a wide range of sectors and include: RTÉ, The National Gallery, Midasproject.eu, the Education Authority NI, Innovate UK, and Queen's University Belfast.

Country: Ireland

Analytics Engines create innovative, data-driven software solutions that drive value from data

**Digital
Traceability**



CONNECTING € FOOD

Connecting Food helps brands regain consumer trust, bringing total transparency to their food-chains.

We use existing data at every level of the food chain to track real time 100% of the production, from farm to fork. We then apply LiveAudit, our digital auditing module that verifies if each product is truly compliant with its requirements. Consumers can scan a QR code and check by themselves the product's journey, and its compliance.

Country: France

With the Connecting Food platform, any type of food follows a fully traceable journey through the supply chain

**Digital
Traceability**



Our forecast solution uses machine learning to combine historical data of catering businesses with additional external factors to calculate future sales figures.

The demand forecasts offer valuable foresight for making the right decisions for procurement and production. Our Software as a Service solution requires nothing more than a computer with internet connection to receive all the latest forecasts through our web application.

Country: Germany

Artificial intelligence creates
competitive advantages in the
food sector

**Digital
Traceability**



The N-Light™ environmental monitoring series can be used anywhere by anyone, empowering food producers to take back control over their quality management processes.

The availability of this precise and affordable method allows for more extensive and frequent screening, providing critical information to detect and eliminate potential contamination hotspots after only 24 hours.

Country: Switzerland

Simple, safe and reliable
on-site pathogen detection in
your food factory

**Digital
Traceability**



AGRICOLUS

 **computomics**[®]
machine learning-based data analysis

fyteko
The Science of Biopossible

 **deepplanet**

DryGro

 **Farm21**

onethird
FOOD WASTE PREVENTION

Seed-X

 **URBAN CROP
SOLUTIONS**

 **pollenity**

SOILCAPITAL

Sustainable
Agriculture



AGRICOLUS[®]

Agricolus is a startup that develops solutions for Smart Farming. The mission is support farms in simplifying and enhancing the work on field by using innovative technologies of data collection and analysis.

The core of the company is a cloud platform composed of several applications: forecast models, remote sensing, crop scouting, Decision Support Systems.

Country: Italy

The complete platform to manage your farm efficiently with innovative technologies

**Sustainable
Agriculture**



Computomics has developed unique computational machine learning technologies as part of our xSeedScore® product, which allows companies to optimize traits like yield, flavor, texture, shelf life, etc., and provides the ability to improve crops and provide supply chain continuity as crops can be adapted for multiple countries and (future) climates.

We focus our go-to-market activities on Europe, North America, Brazil and Argentina.

Country: Germany

Unlocking the diversity of
biological life to accelerate
sustainable development

**Sustainable
Agriculture**



deepplanet

Deep Planet aims to catalog, track and forecast the world's agricultural production. Our predictive crop analytic platform combines machine learning, satellite imagery, and agricultural data to help supply chain companies and farmers to make better decisions.

We predict soil moisture, soil nitrogen, yield, crop/tree detection, organic/non-organic crop detection, deforestation, regeneration at 90+% accuracy. Supported by the University of Oxford and European Space Agency.

Country: United Kingdom

Better data
Smarter farming
Greener planet

AI and satellite data for
vineyards

**Sustainable
Agriculture**



DryGro

DryGro is an agriculture technology company working on new ways to produce an animal feed protein ingredient called Lemna. We are producing this ingredient as an alternative to soybean meal.

We can produce 8x faster than soybean meal, using 99% less water, without the requirement for arable land. This allows us to significantly undercut the current value chain by producing close to consumption, much more sustainably.

Country: United Kingdom

DryGro uses cutting-edge plant science to produce Water Lentils - the most promising plant protein in the world, with huge untapped potential

**Sustainable
Agriculture**



Farm21 brings farmers to the 21th century. Our platform helps farmers to improve their crop yield.

Farm21 gives you access to more data than ever before, providing pinpoint-accurate insights that combine data from our proprietary low-cost sensors, weather, scouting, and satellites.

Country: The Netherlands

Every inch of your field is
rich in meaningful data

**Sustainable
Agriculture**



Fyteko is seeking to reduce farmer's reliance on agrochemicals , using original research to develop proprietary chemically-pure nature-inspired biomolecules, performing as chemical products, enabling agriculture to make a smart, safe & sustainable transition

Our first signal biomolecule helps crops resist and recover from abiotic stress.

Country: Belgium

Fyteko is a committed climate-smart company, focused on the development of advanced plant biostimulants

**Sustainable
Agriculture**



onethird

FOOD WASTE PREVENTION

One-third of food is (still) wasted, of which 40% is fresh produce.

OneThird has developed a method to predict shelf-life of fresh produce. We're using an optical scanner together with AI algorithms and a smart data information platform. The system can be integrated in existing quality procedures. OneThird has currently 10 employees and is active with tier 1 retailers and their supply chain in Europe.

Country: The Netherlands

Reduce food waste and
food loss by predicting
shelf life

**Sustainable
Agriculture**



Our mission is to design, develop and implement innovative technologies, methodologies and business practices to protect the bees and create a thriving future for our ecosystem.

In the beginning of 2019, we've decided to switch from only technology company to mixed model. We are developing e-commerce platforms where we create transparent and sustainable honey markets.

Country: Bulgaria

Pollenity is a global beekeeping industry shaper since 2015

**Sustainable
Agriculture**



Seed-X

Seed-X is using AI-driven image analysis technology for seed and grain quality prediction.

Smart systems developed by Seed-X maximize seed quality, purity and value and provide premium vegetable seed companies the ability to sort seeds by germination and genetic purity.

Country: Israel

Optimize seed & food
supply chains with the
world's first AI seed
analysis platform

**Sustainable
Agriculture**



Through Soil Capital Carbon - Europe's first certified, multi-national carbon payment programme - farmers earn new revenue for improving their climate impact.

With mySoilCapital, the digital platform underpinning the programme, farmers get the visibility they need to make changes that improve both their profitability and environmental impact together.

Country: Belgium

We unlock carbon payments for farmers - rewarding farmers who fix the planet

**Sustainable
Agriculture**



Urban Crop Solutions develops and builds indoor vertical farms: plant recipes, hardware & software. We believe in using technology to increase plant quality while minimizing our planet's resources.

Together with our team of Plant Scientists and Engineers, we deliver tailormade solutions across the globe, all of them linked to our database of in-house developed plant growing recipes.

Country: Belgium

We deliver end-to-end solutions for indoor vertical farming through contract research, engineering, commissioning and support

**Sustainable
Agriculture**



ACE
AQUATEC

SafetyNet
TECHNOLOGIES

<SunSea<

Sustainable
Aquaculture



ACE AQUATEC

Ace Aquatec partners with world leading experts in different scientific fields to apply their breakthrough technology developments to aquaculture and marine industries.

Our technology focuses on predator control, humane slaughter, biomass estimation, marine mammal mitigation and sea lice removal.

Country: United Kingdom

Technology that
accelerates the adoption
of responsible marine
practices

**Sustainable
Agriculture**



SafetyNet TECHNOLOGIES

SafetyNet Technologies designs and builds trusted and valued solutions that enable precision fishing in the fishing industry. Pisces, our first-to-market product, is supplied via a Hardware-as-a-Service model, which enables fishing crews to catch only the right fish.

Our research focuses on how humans and the ocean can thrive together. We operate in the UK, France, Spain, the US, Denmark, Malaysia, Indonesia.

Country: United Kingdom

We create precision fishing technology to help you catch more of your target species sustainably

**Sustainable
Agriculture**



< SuSea <

SuSea is a preservation technology company developing innovative preservation technologies for seafood with an aim to provide healthy and high-quality seafood products, improve seafood safety and reduce waste by increasing shelf life.

We address these challenges by rapidly dehydrating seafood with our proprietary liquid solution containing natural ingredients which doubles its shelf-life.

Country: The Netherlands

Sustainable Seafood
Company

**Sustainable
Agriculture**



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alberts[®]

The Alberts Smoothie Station combines robotics and AI, to prepare personalised, 100% natural smoothies on the spot. Each smoothie contains frozen fruit and veggies, and only water is added. Our mobile app will soon be giving you food recommendations personalised to your needs and daily rhythm. Alberts is currently also running first tests with a Soup Station to complement the smoothies.

Country: Belgium

Alberts makes healthy food accessible to anyone, anywhere, at any time.

**Targeted
Nutrition**



Amai Proteins is the Tasty Designer Protein Company, curing our food and beverage system, one protein at a time.

The first focus are sweet designer proteins as a mainstream sugar substitute, with the sweetest protein in the world. The protein has a sugar-like taste, high stability and shelf life and good synergy with other sweeteners e.g. stevia.

Country: Israel

Shaping the future of
designer proteins for the
mass food market

**Targeted
Nutrition**



BeYou health coach is helping consumers in the pursuit of complete wellness through the creation of mobile apps and AI driven health & wellness solutions.

The platform focuses on personalized nutrition, coaching & food literacy, gamification & user engagement.

Country: Spain

AI driven award-winning platform underpinning the latest health-tech and wellness digital products

**Targeted
Nutrition**



completeorganics

Besides a wide range of classic ferments, we also develop fermented spreads, drinks, powders, spices, etc.

Completeorganics specializes in development of raw materials for the food industry, research in the field of fermentative microbiology, development of specific fermentation cultures and process technology.

Country: Germany

Fermented organic vegetables full of microbotic life. Raw and unpasteurized, completely handmade in Munich without any additives.

**Targeted
Nutrition**



EnginZyme

EnginZyme is unlocking the potential of enzymes for better food and chemicals with their new technology platform. We produce chemicals that are cost-efficient, sustainable and scalable, either alone or with partners.

The aim is to commercialise novel products starting in 2023. The research is focused on the broad efficient utilisation of enzymes for better chemicals.

Country: Sweden

Enabling the future of
sustainable chemical
production

**Targeted
Nutrition**



We offer an AI-powered platform to develop better products, faster. We predict products and achieve business growth for Consumer packaged goods (CPG) by connecting the right data, insights and algorithms that better meet consumers needs.

We are pioneering in the digitization of flavor and obtaining a deep understanding of people's flavor preferences.

Country: Belgium

The flavor intelligence
company

**Targeted
Nutrition**



Glucanova was founded in 2012 with focus on IP protected fiber rich liquid oat ingredients and technologies. Our vision is to address global health and sustainability concerns with documented healthy liquid oat fiber products.

We work closely in cooperation with Lund University and a large external network of world class expertise which means that our innovations and deliverables are the result of well documented scientific findings.

Country: Sweden

We lay the foundation for
tasty and attractive food
concepts with healthy and
preventive properties

**Targeted
Nutrition**



NutriLeads is a pre-commercial Health Ingredients Company developing crop-derived food ingredients with clinically proven health benefits for specific consumer groups.

Our most advanced ingredient, Xtramune™, is a unique proprietary carrot-derived fibre under development to support immune function and increase resistance to respiratory infections.

Country: The Netherlands

Our innovative natural ingredients support physiological processes in the human body and modulate the gut microbiome.

**Targeted
Nutrition**



VERDIFY

Verdify is a foodtech scale-up that develops digital technology for healthy and sustainable eating. An evidence-based approach and data-driven recipe personalisation are at the core of the technology.

Verdify's engine currently powers the personalised recipe platform [Swapmeals.com](https://www.swapmeals.com) where recipes automatically match consumers' nutrition profiles.

Country: The Netherlands

Enabling people to make the
right food choices with
trusted recipe

**Targeted
Nutrition**