



# SEEDBED INCUBATOR

2021  
COHORT



# SEEDBED INCUBATOR

Sustainable  
Agriculture

Sustainable  
Aquaculture

Alternative  
Proteins

Digital  
Traceability

Circular  
Food  
Systems

Targeted  
Nutrition

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

## THE KEY FOCUS AREAS



Funded by the  
European Union



## AARHUS HUB

An affordable,  
flat-packed  
plant growth  
chamber to  
improve crop  
quality

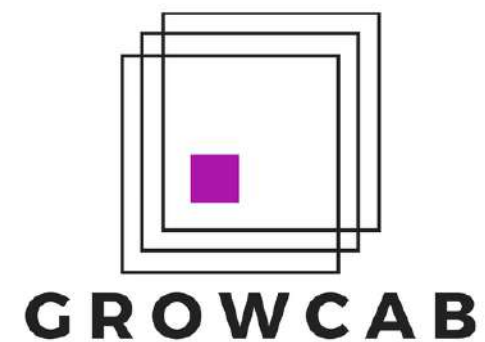


Marcela Mendoza Suárez



Ricardo Ramírez-González

Sustainable  
Agriculture



High-tech plant growth chambers are usually expensive to rent and access is limited. Growcab is an open-source plant growth chamber that features speed breeding capabilities for researchers and plant breeders to discover optimum crop parameters more quickly, and more cost-efficiently. With this technology, crop improvements can be achieved much faster than ever.

The company also offers consultancy and knowledge sharing to help others develop and optimise appropriate speed breeding protocols.





BioEffect brings modern molecular microbiology and biotechnology techniques to the agriculture sector to offer real-time methods that identify biologicals directly in soils and plants.

This technology saves companies millions by disqualifying irrelevant products. Ensuring the right biological products are on the market provides farmers with reliable alternatives to displace chemical products, reducing chemical residues from land, soil, and food.

AARHUS HUB

Enabling superior next-generation biological products to remove the need for chemical usage



Sabrina M Pittroff

Sustainable Agriculture





## AARHUS HUB



Almost three-quarters of global agricultural produce is contaminated by at least one kind of mycotoxin, posing a significant risk to both animal and human health.

CataLeela Nutrition is developing a nanotech-based mycotoxin elimination system that can selectively 'pick & eliminate' different mycotoxins from animal feed mixtures. This proprietary nanotech offers a safer, cheaper, recyclable approach for effective mycotoxin elimination without compromising the nutritional value of the feed, which subsequently improves long-term animal health.

Eliminating  
extremely toxic  
Mycotoxins  
produced by  
filamentous  
fungi



Priyank Shyam



Daniela Vega Sampedro

## Sustainable Agriculture





AARHUS  
HUB

## ALGONOMI

Algonomi cultivates microalgae biomass to produce a variety of bioactive ingredients for commercial use.

CO<sub>2</sub> from manufacturing industrial processes is used for the cultivation process to reduce CO<sub>2</sub> from the atmosphere.

The output of algae biomass and its various bioactive extracts to B2B customers is sold to different industries, e.g. cosmetics, garments, and the food industry.

Commercialising  
nature's oldest  
and most potent  
organism: Algae



Robert Nyberg



Leon Mercier

Sustainable  
Aquaculture





AARHUS  
HUB

## Cirkulär

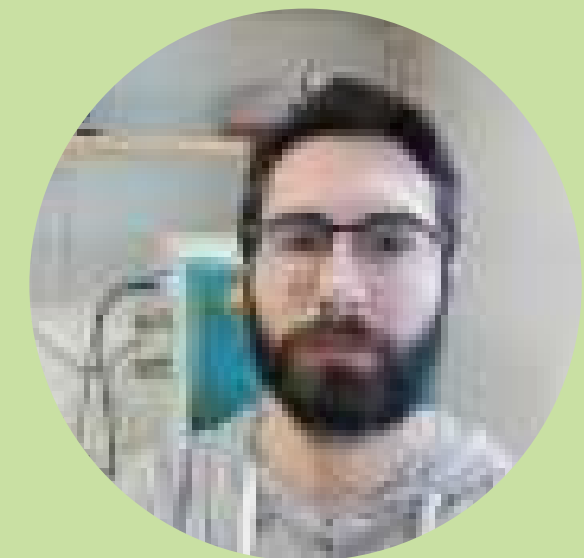
Cheese production requires 10 litres of milk to produce 1kg of cheese. On a global scale, 45% of all milk production goes into cheesemaking, which is having a detrimental effect on the environment.

Cirkulär AB has developed a process to produce a pure protein that is identical to the one found in milk, which the dairy industry can use to complement milk in dairy processing.

Making cheese  
production  
more cost &  
environmentally  
beneficial



Eric Öste



Stefano Sacchetto

Alternative  
Proteins





## AARHUS HUB



There are currently different standards and regulatory requirements demanding companies to manufacture, process and maintain products to a certain quality level.

GLAZE develops hardware products supporting automated and continuous QA of industrial procedures by inspecting layers of a multitude of material types. The hardware is compact and portable allowing usage off-line (handheld devices), at-line (at tracks next to conveyor belts) or in-line (directly on samples on conveyor belts).

GLAZE is addressing the need for non-destructive testing/inspection (NDT)



Nicklas Werge Svendsen

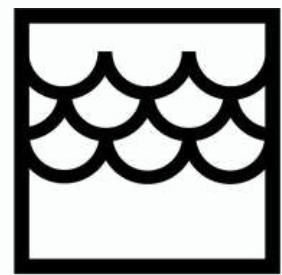


Thorsten Bæk

Digital  
Traceability







## MARINATEX

MarinaTex is designed to help solve the growing concern of single-use plastics and the ocean plastic crisis.

MarinaTex is a high-quality home-compostable material developed for the packaging industry as a planet-conscious alternative to translucent plastic film. The new bio-based material has been shown to biodegrade in 4-6 weeks. It does not leach harmful chemicals and it has a higher tensile strength than LDPE at the same thickness.

AARHUS HUB

Quality sustainable packaging to replace translucent plastic film



Lucy Hughes



Scott Mighall

Circular Food Systems





AARHUS  
HUB

## ***IsoFirms***

Around fifty percent of the population in Europe is overweight and in need of help to improve their health and lifestyles.

IsoFirms Isosteviol is a patent-protected ingredient providing more nutrition to the muscles. It increases muscle mass through protein synthesis, and reduces body fat percentage.

IsoFirms Isosteviol is currently pending a novel food application.

A healthy  
natural  
ingredient to  
help people  
control  
weight gain



Randi Søndergaard



Torben Nielsen

Targeted  
Nutrition





## SEEDBED INCUBATOR

For more detailed information on the EIT Food Seedbed Incubator cohort, please get in touch with our co-ordinator:

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