



# SEEDBED INCUBATOR

2021  
WARSAW  
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



Robotec offers fully autonomous, no-till, chemical-free, farming based on artificial intelligence.

Using a high-density precision microwave module, autonomous mobile robots analyse and eradicate weeds at an early stage of their growth. This reduces up to 99% of a farm's use of herbicides and pesticides, increases yields by up to 40%, and it saves up to 50% in treatment costs.



Alex Reznichenko



Ruslan Bredun



Alex Poddiachniy

Sustainable  
Agriculture





With current production methods, by the year 2050 arable land per capita is set to decrease by 30%, and crop production by 40%.



SpaceCrop's Agritech tool helps small to medium-scale farmers to forecast soil water requirements, by sending them an irrigation schedule using machine learning, satellite data, and artificial intelligence. This target forecasting lead takes 5-7 days. The technology is cheaper, and more reliable, with its accurate forecasting services helping farmers lacking technical skills to work more efficiently on their farms.

Helping farms to save water and increase their crop yields & crop resilience



Gasco Mary Grace



Katona Attila

Sustainable Agriculture





## PlattenBaum

PlattenBaum implements Urban Agriculture on a mass scale.

The company develops, installs, and operates infrastructure for Urban Agriculture in residential buildings.

The system is dedicated to commercial production and resident's use, fostering communities, while creating new revenue streams, and contributing to improving the aesthetics of cities.

Tackling the challenges of food security, social resilience, and sustainable urban living



Maayan Strauss



Kerem Halbrecht

Sustainable  
Agriculture





GoEconut offers an easy-to-use food tracking software for food manufacturers to quantify, improve, and communicate the environmental impact and nutritional performance of their products - faster, cheaper, and more easily. GoEconut identifies hotspots along the value chain to assist in continuous improvements and investment decisions. Their software solution is 20 times cheaper, 90% faster, and 10 times more complete than the current traditional consultancy solution on the market.



Clara Loran



Sophie Saget



Umut Kartal

Digital  
Traceability





According to a recently implemented law, disposable plastic materials, such as plates and cups can no longer be sold in the EU. Due to the current pandemic, there is however an increasing demand for these products to cater for takeaway orders from restaurants.

Linum's solution recycles waste to create disposable, biodegradable products made of flaxseed, hence the name "Linum".

Using waste  
to produce  
biodegradable  
flaxseed  
products



Małgorzata Sobieralska



Aleksandra Walińska

Circular  
Food  
Systems





Functional food natural fruit extracts.

FortiFruits aims to be the premier producer of naturally enriched fruit extracts containing a high content of bioactive substances aka, enhanced antioxidants.

These extracts can be added to natural food products and dietary supplements to enhance their flavours and colours.



Maciej Balawejder



Leslaw Slisz



Henryk Nicpon

Targeted  
Nutrition





The digestive system becomes impaired with age as a result of reduced secretion of digestive enzymes, decreased saliva production, and missing teeth.



MeGenzyme's fruit and vegetable-based products & supplements contain active enzymes to help digestion, and reduce the demineralization of bone tissue. They also emphasise the natural flavours in dishes and are an excellent source of vitamins, fiber, and antioxidants.

Addressing the digestive & nutritional needs of a growing senior population



Małgorzata Zakłos-Szyda



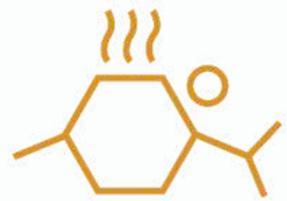
Maciej Majewski

Targeted  
Nutrition





Studies show we only consume up to 5% of our body's required amount of collagen protein, and most collagen supplements on the market are hydrolysed (chemically processed).



**MAGIC BROTH**

Furthermore, the EU's current agriculture practices result in over 20 million tonnes of animal origin waste per year. MB Kulagenas uses this waste to produce a natural 'dry broth' product with multiple applications and collagen protein health benefits - to your bones, joints, skin, nails, and gut.



Milda Savickaite



Paulina Štreimikytė



Jonas Viškelis

Targeted  
Nutrition





## SEEDBED INCUBATOR

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

Michaela Fox  
m.fox@qub.ac.uk