



Innovation
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Innovation Ready Agrofood Technologies!

**“Nutrition from the future:
Its impact on production and farming
technologies ”**

Thursday 8 July 2021 | 16:30



1. Advanced Intelligent Robotics (Airbots): *Holistically implementing Smart Agriculture 4.0 as a Service, reducing farming costs while eliminating technology transition risks*

Enables large agricultural areas to minimize the use of costly pesticides, fertilisers, water & energy and to increase the quantity & quality of harvest yield in line with EU's Common Agricultural Policy (CAP), EU & FAO's Good Agricultural Practice (GAP) and UN's Sustainable Development Goals.

TRL	6-7	Time to market (months)	6	Funds invested (€k)	315	More funds needed (€k)	650
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2. Agritrack: *Quality from farm to fork*

Offers an Agriculture automation platform that aims to reduce complexity, optimize traceability and real time food quality control via the integration of IoT, Immutable Ledger (e.g. BlockChain) and Machine Learning.

TRL	9/4	Time to market (months)	0/12	Funds invested (€k)	200	More funds needed (€k)	-
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3. Centaur Technologies: *Building a Global, Post-Harvest Quality Chain*

Enables new levels of quality-control, visibility, sustainability, and farm-to shelf traceability. Brings the most comprehensive and scalable IoT solution with predictive and prescriptive analytics that enable abundant, quality products and prevent waste.

TRL	9	Time to market (months)	0	Funds invested (€k)	4.500	More funds needed (€k)	-
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4. CityCrop Automated Indoor Farming: *We are the modern farmers. Our farms are in the heart of the City.*

Provides products and services to enable local food production and satisfy the demand for localized food supply and farm-to-table programming. CityCrop is best known for pioneering modular farming that has led to creating the largest network of IoT-connected farms in the world.

TRL	9	Time to market (months)	0	Funds invested (€k)	300	More funds needed (€k)	500
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5. Wikifarmer: *Democratizing Agriculture*

A platform connecting producers of agricultural products to free knowledge and to the B2B market, offering buyers access to thousands of small holder farmers and optimizing their purchase journey.

TRL	9	Time to market (months)	14	Funds invested (€k)	280	More funds needed (€k)	1000
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6. PlasmaGroup INN/ NCSR “Demokritos”: *Plasma4Food*

Plasma solutions for shelf-life prolongation of fresh food products

TRL	3-4	Time to market (months)	18-24	Funds invested (€k)	150	More funds needed (€k)	340
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7. **Biocos: *DNA traceability from field to store***

Provides end-to-end DNA verification and traceability solutions in food, cosmetics and pharma sectors. Uses DNA science to ensure origin of ingredients and enhance label transparency of your products. DNA enhances consumer trust and delivers a differentiated product in competitive markets.

TRL	9	Time to market (months)	0	Funds invested (€k)	150	More funds needed (€k)	-
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8. **EdenCore: *Enabling AI in agrifood***

Developing AI-empowered software for actionable decisions and automation in agriculture. We innovate in laborious agrifood tasks that require human vision, by delivering cost-effective machine vision solutions.

TRL	6	Time to market (months)	2	Funds invested (€k)	0	More funds needed (€k)	150
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9. **Mobase: *Stay identified with us***

Offers DNA identification services of plants, animals or food and cosmetic products, to companies from related industries protecting their credibility and preventing any adulteration or counterfeiting events.

TRL	9/4	Time to market (months)	2	Funds invested (€k)	1.000	More funds needed (€k)	300
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10. Natural Food Additives: *Extracting nature, giving solutions*

Specialises in extracting bioactive compounds from organically cultivated herbs while investigating the use of agrofood by-products as new sources of raw materials for the food and cosmetics producing sector

TRL	9	Time to market (months)	0	Funds invested (€k)	100	More funds needed (€k)	60
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11. Institute of Biosciences & Applications/ NCSR “Demokritos”: *A holistic approach for the development of cosmetics and novel nutritional products*

Offers a multifaceted approach (based on in vitro, cell-based and animal models) for the evaluation and development of cosmetics and nutritional products of high biological value.

Thank you

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