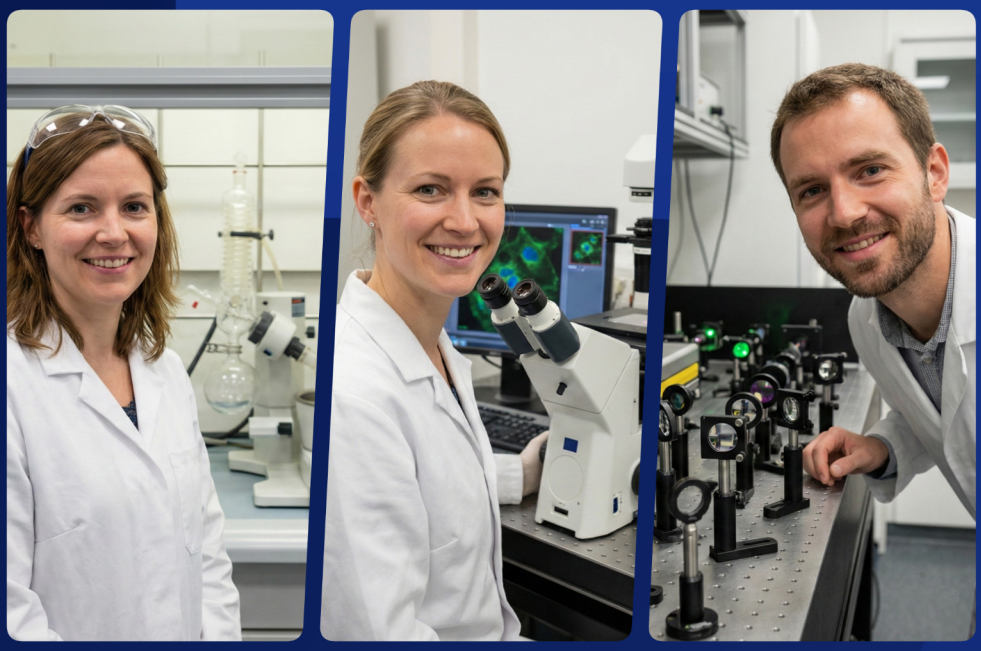
Catalogue of services

Description of services developed by participating institutions in

EIT Infrabooster

3rd edition



Strategic Regional Innovations

Powered by

EIT Community InfraBooster

Co-funded by the European Union

In cooperation with

University of Warsaw

Catalogue of services developed and offered by participants of EIT Infrabooster (published on the website or in print).

3rd edition

eit-ris.eu/infrabooster/

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EIT Infrabooster is powered by the EIT Community Strategic Regional Innovations Cluster, with the support of EIT Climate-KIC, EIT Food, EIT Health and EIT Manufacturing and delivered by: the Centre for Socially Responsible Innovations, Faculty of Management, University of Warsaw.

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Initiated by the EIT

EIT Food
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EIT Health
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EIT Manufacturing
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Centre for Socially Responsible Innovations

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What is EIT InfraBooster?

EIT InfraBooster **promotes the effective use of** publicly-funded research infrastructures owned by universities or research institutes and relevant to the R&D efforts of private sector companies and startups.

EIT InfraBooster is a **modular training program** for representatives of scientific organisations that own research infrastructures. It was based on the **methodology** and experiences of RIS Research Infrastructure Network, **implemented** in 2021-2022 **by University of Warsaw**. It offers **capacity building** and **support** in designing infrastructure-based services that could be offered for companies.

EIT InfraBooster brings closer to the industry, increasing the collaboration, international exposure and innovativeness of institution, and **helping establish new sources** of revenues.

EIT InfraBooster **Practitioner is the second level** of EIT InfraBooster educational modules **helping better understand** the competitive edge of research infrastructures, design innovative infrastructure-based services, identify potential industrial partners and start industrial outreach.

Practitioner **module helps prepare** marketing collateral that highlights differentiators and benefits important for their target clients, **understand the needs** of specific industries/companies, **identify** potential clients and **initiate** service sales processes.

Find out more information on:

eit-ris.eu/infrabooster/



Acknowledgements to participants and supporting institutions

Building on the success of the program's latest edition, next - the second edition of the catalogue **highlights the efforts, intensive work and dedication of** participants of the EIT InfraBooster 2025 edition. We would like to congratulate all individuals and teams **whose efforts and innovative thinking** have contributed to this diverse collection of innovative services. The commitment to teamwork and willingness to explore new opportunities **to use the publicly-funded research infrastructures** is what drives the success of our program.

We would also like to acknowledge the **excellent support provided by** the European Institute of Innovation and Technology and its Knowledge and Innovation Communities including EIT Climate-KIC, EIT Food, EIT Health, and EIT Manufacturing, and the team of experts from the Centre for Socially Responsible Innovations at Faculty of Management, University of Warsaw who delivered the training sessions, as well as other institutional partners who helped implement the program. Their **guidance, support, and resources** have been invaluable in bringing this program to fruition. The creation of an **environment for learning, development, and innovation** was instrumental in enabling participants to turn their ideas and possibilities into tangible services.

EIT InfraBooster Team

This catalogue presents a **diversified selection** of innovative services developed by participants of the EIT InfraBooster Practitioner program in 2025. Each service **responds to concrete societal, environmental, and economic challenges** relevant to potential industrial partners.

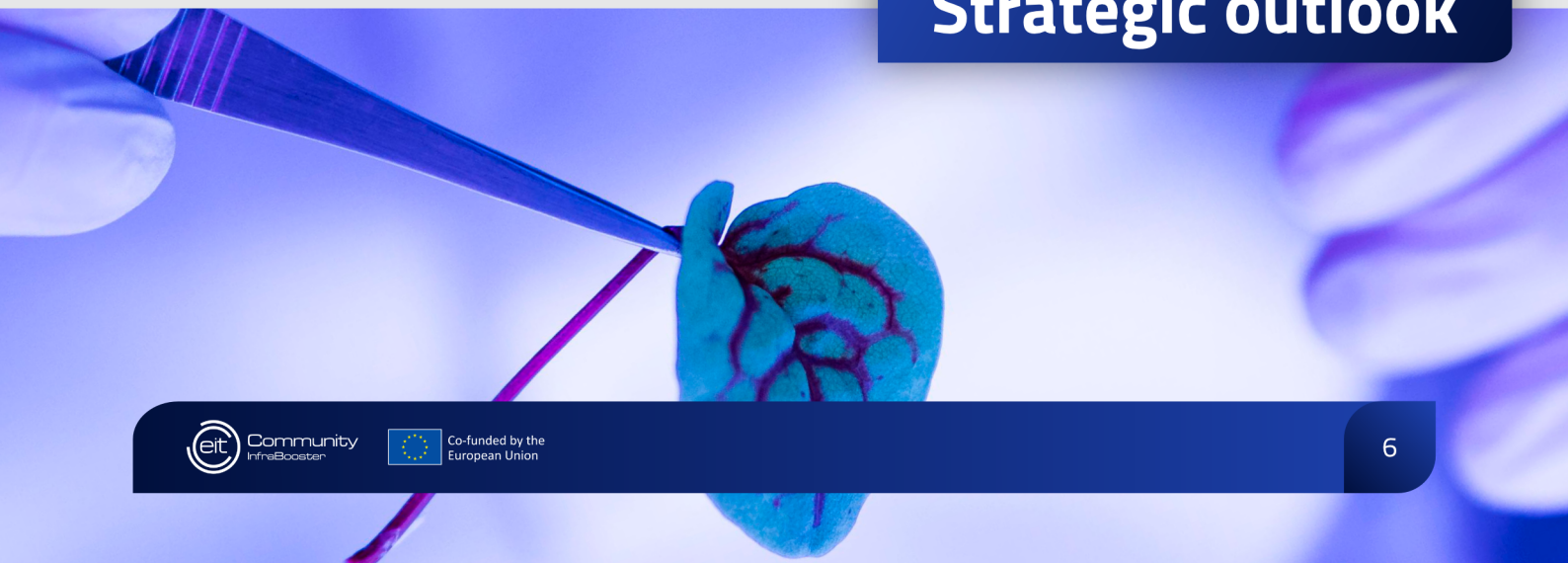
Several teams have already **achieved measurable results**, with some generating KPIs from service sales exceeding €10,000. These outcomes demonstrate the practical **relevance** and market **readiness** of the solutions developed within the program and are supported by **testimonials** from collaborating institutions.

Looking ahead, we anticipate the continued development and refinement of these services. Our efforts will focus on **strengthening industrial collaboration** and **supporting the scale-up** of solutions created by participating teams. Priority areas include:

- enhancing cooperation with academic and governmental institutions;
- expanding the geographical reach of EIT InfraBooster;
- incorporating new areas of activity;
- ensuring continuous program improvement through systematic feedback and iteration;
- fostering a culture of innovation and excellence that supports current teams and inspires future participants.

We look forward to further **contributing to the development** of innovative services and to strengthening the competitiveness of publicly funded research infrastructures across Europe.

Strategic outlook



Testimonials - clients

Emelda Obewu, Founder, The CookeryMuse Company, Netherlands

The EIT Food Innovation Voucher within the InfraBooster has been a **valuable opportunity** for The CookeryMuse Company. Through the R&D collaboration with FINS - University of Novi Sad, we were able to receive scientific validation for our clean-label, West African-inspired sauce range. The testing services **enhanced our understanding** of product performance, safety, and sensory characteristics, giving us credible data to **support future scale-up** and **market expansion**. This collaboration has strengthened our technical foundation and opened up **new possibilities** for partnerships and growth within the European food ecosystem.

Orde Gjorgjioski, PhD, Director of Legal Affairs and Human Resources,
Food Industry Vitaminka AD Prilep, North Macedonia

Our collaboration with LaBEES through the EIT InfraBooster has been **extremely positive**. As part of this partnership, we tested their newly developed service through a choice experiment designed to capture real consumer reactions to our product attribute. The study provided clear and **valuable insights** into how consumers perceive taste, price, health claims, and branding. These findings have helped us to pinpoint which attributes matter most and where we can **make meaningful improvements**. (...)

Meliha Gačanin, Director, ALDI "Advanced Institute of Technology and Innovation",
Institute for Adult Education Gorazde (AITI), Bosnia and Herzegovina

The AgriSkill Tracker has, **enabled us to understand** the **real labour-market needs** of the agri-food sector in Bosnian-Podrinje Canton in a systematic and clear way. Until now, we did not have tools that would **help us innovate** training programmes specifically for this sector, nor to connect them directly with our existing courses (IT, digital skills, and entrepreneurship). (...) We believe that the results of will contribute to higher employability, stronger rural communities, and the long-term well-being of the citizens of the Bosnian-Podrinje Canton. (...)

Dr. Reza Farzinebrahimi CEO, Bioplantex HB, Sweden

Participating in the EIT Food testing service program has been a **truly transformative experience** for Bioplantex. This **opportunity was critical**, providing us with direct, streamlined access to the advanced R&D expertise and infrastructure of the Łukasiewicz Research Network. (...) The most significant impact of this cooperation is the dramatic **acceleration of our path to market**. This validation has opened **immediate opportunities** for Bioplantex, paving the way for patent registration and commercializing a sustainable, cost-effective alternative in both the food and pharmaceutical ingredients sectors. (...)



This catalogue is a **comprehensive showcase of services** developed by the participants of EIT InfraBooster Practitioner 2025 edition. Our primary objective was to **present a diverse array of solutions and services** that have emerged during InfraBooster modules and **demonstrate the rich potential and capabilities** of our participants.

The scope of this catalogue extends beyond a mere listing of services. It **serves as a bridge** connecting innovators with potential users, stakeholders, and collaborators. Each section in this catalogue **provides a concise and informative glimpse** into the service offered, covering its core concept, potential applications, and the value it adds to its respective field.

EIT Infrabooster aims to **create a platform** that not only highlights these services but also fosters connections and collaborations, **fuelling further development**.

Catalogue - focus and aims

Catalogue sections

Agriculture, Food Systems & Circular Bioeconomy

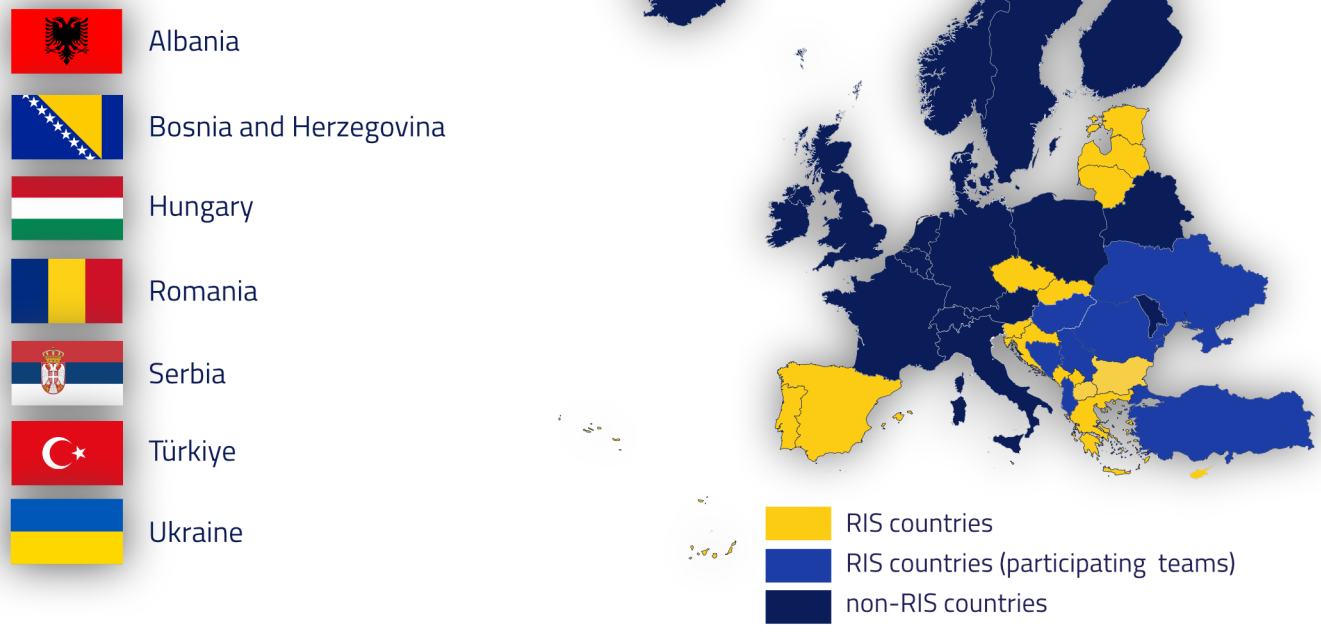
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Digital Innovation, XR & Smart Materials

MuseXR – Immersive Museum Experience Design	**42**
Smart Textile Knitting Services	**46**



Service name:

Seed testing services

Responsible institution / team:

Agricultural University of Tirana

Contact:

- Jonida Biturku: jbiturku@ubt.edu.al

Service description

The Seed Testing Service offers **laboratory evaluation of seed quality** through the determination of germination energy, germination power, germination ability, and seed purity. Germination energy reflects early seed vigor, germination power indicates the final percentage of normal seedlings, and germination ability assesses the overall potential of seeds to germinate under controlled conditions. Seed purity analysis determines the proportion of pure seed, inert matter, and other crop or weed seeds. Tests are performed using **standardized protocols and controlled environments**, supporting seed producers, farmers, researchers, and academic studies in seed certification, crop establishment assessment, and seed quality assurance.

Research infrastructures

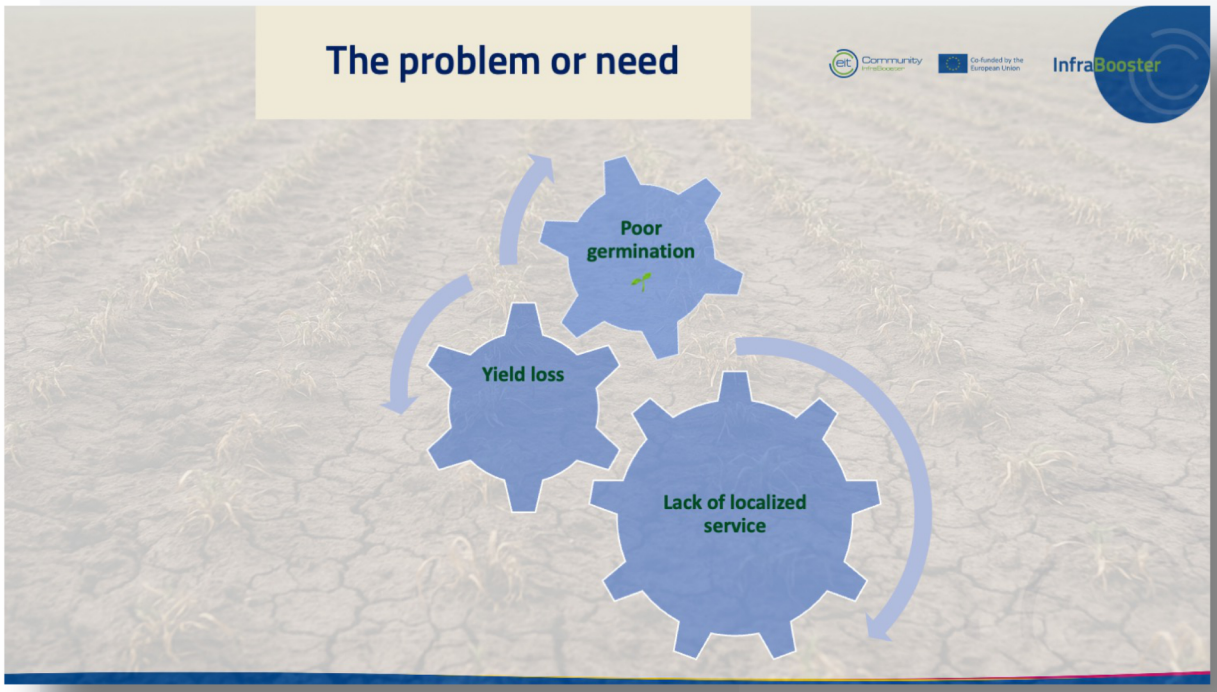
The service is supported by key laboratory infrastructures including a **thermostat seed** oven for controlled temperatures, **equipment for accurate moisture determination**, an in **vitro laboratory** for controlled germination and growth studies, and **electrophoresis systems** for biochemical and physiological seed quality analysis. These facilities enable reliable evaluation of seed viability, vigor, and moisture status, and support both routine seed testing and research-oriented experimentation in line with international seed testing standards.

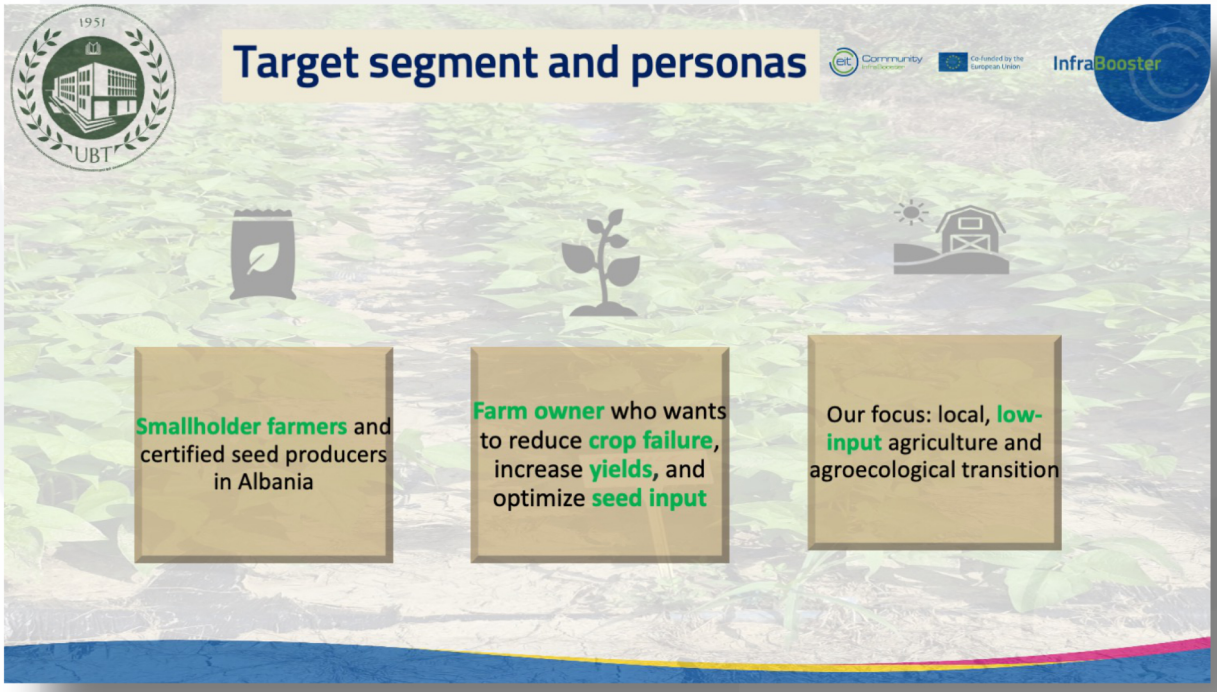
Service innovativeness

The Seed Testing Service provides **advanced, science-based evaluation** of seed quality by integrating standardized germination and purity tests with research-oriented analytical approaches. Beyond routine assessment of germination energy, germination capacity, and seed purity, the service applies **controlled environmental conditions** and biochemical analyses to better understand seed vigor and performance. Supported by modern laboratory infrastructure, including in vitro facilities and electrophoresis systems, the service enables accurate seed viability diagnostics and supports innovation in seed certification, crop establishment strategies, and experimental research. This integrated approach **strengthens decision-making** for seed producers, farmers, and researchers, contributing to improved **seed quality assurance and sustainable agricultural production**.

Pitch deck

Seed testing services





Pitch deck

Seed testing services





Service name:

AgriSkill Tracker - Development of Labour Market Intelligence Services for Professional Education Providers

Responsible institution / team:

Centre for Development Evaluation and Social Science Research (CREDI)

Contact:

- Nermin Oruč: noruc@credi.ba

Service description

AgriSkill Tracker is a **modular labour-market intelligence service** tailored to agri-food vocational and technical education training (TVET) providers. It integrates forecasting models, unique employer datasets, curriculum gap-analysis tools, TVET–employer matching, and monitoring instruments to help schools align training programmes with real labour-market needs. By **combining sector-specific data, expert analysis, and practical curriculum-development toolkits**, the service enables TVET institutions to modernise programmes, strengthen industry partnerships, and improve graduate employability. It offers dashboards, customised reports, and co-creation support to ensure evidence-based, future-oriented education transformation.

Research infrastructures

The service is built on CREDI's established research infrastructure InLearn Centre for Excellence in Non-Formal Education, including proprietary employer **datasets, labour-market forecasting models, skills-intelligence dashboards, and monitoring and evaluation tools**. These infrastructures provide real-time insights into emerging occupations, sector trends, and training effectiveness. The platform connects data collection, analysis, curriculum development, and employer cooperation into an integrated evidence system. Combined with CREDI's **methodological expertise in social science research and policy evaluation**, these infrastructures ensure high-quality, reliable, and sector-specific intelligence for agri-food education providers.

Service innovativeness

AgriSkill Tracker is innovative because it **integrates forecasting, curriculum reform support, and employer-matching** into a single education-focused service - something not available in existing labour-market platforms. It moves beyond static or generic data by offering real-time, sector-specific intelligence tailored to agri-food occupations. The combination of unique datasets, predictive analytics, practical development toolkits, and collaboration mechanisms empowers TVET institutions to lead skills reforms rather than passively receive information. This **holistic, data-driven, co-creation model** makes the service a **pioneering solution for transforming vocational education** in Bosnia and Herzegovina's agri-food sector.

Pitch deck

AgriSkill Tracker - Development of Labour Market Intelligence Services for Professional Education Providers

The problem or need

Why transformation is urgent for agri-food VET in BiH?

Green and digital transitions demand new skills. Yet, VET providers lack access to reliable, up-to-date labour market data in the agri-food sector.

The results:

- Outdated curricula
- Poor graduate employability
- Weak links with employers

With over 400 vocational training providers and increasing policy attention to **rural development, the transformation need is urgent** - and **the market opportunity is significant.**

Target segment and personas

AgriSkill Tracker – Who It's For and How It Works?

Our primary **target segment** is vocational and technical education training providers (NACE P 85.32), with over 400 institutions and nearly 95,000 learners in BiH alone. Most offer agri-food programs but face outdated curricula and limited tools to adapt to evolving industry needs.

Target segment



The **key persona** is the school director or curriculum coordinator, under pressure to align programs with labour market trends, prove relevance to accrediting bodies, and form stronger links with employers. AgriSkill Tracker supports them through sector-specific data, forecasting models, and modular curriculum tools tailored to agri-food occupations.

Key persona



CREDI brings deep **expertise** in labour market intelligence, including employer surveys, vacancy analytics, and forecasting models tailored to the agri-food sector. Its team also specializes in ESCO-based occupational mapping, DACUM-led curriculum design, and participatory co-creation processes that engage VET staff, employers, and policymakers in aligning education with labour market needs.

CREDI expertise and methods



Pitch deck

AgriSkill Tracker - Development of Labour Market Intelligence Services for Professional Education Providers





Service name:

AI Training Data Generation for AgriRobotic

Responsible institution / team:

Antal Bejczy Center for Intelligent Robotics (IROB), Óbuda University

Contact:

- Craig V. Johnson: johnson@initium.uni-obuda.hu

Service description

We offer a **data generation and simulation service** to support AgriTech teams building AI-powered robotics. Using virtual farm environments, digital twins, and robotic task simulations, our service enables **faster and more cost-effective AI development** than traditional field trials. It is especially valuable for teams with limited internal capacity, offering a scalable and on-demand solution that leverages existing research infrastructure. With growing demand for agricultural automation, our service delivers high-quality datasets tailored to real farm conditions. Key advantages include **ROS2-compatible pipelines**, **agricultural specificity**, and **task-level simulations** designed for practical integration and accelerated development.

Research infrastructures

The service is delivered through Initium Venture Labs, Obuda University's technology transfer company connecting industry partners with research excellence. The core research infrastructure is the **Intelligent Robotics and Smart Manipulation Laboratory (IROB-Lab)**, based at the Antal Bejczy Center for Intelligent Robotics. IROB-Lab specializes in robotics, digital twins, simulation environments, and AI-driven control systems. The setup includes a ROS2-compatible development environment, **robotic arms**, **advanced simulation tools**, including Blender, Gazebo, and the Blender Annotation Tool (BAT). By collaborating through Initium, partners can access this infrastructure along with innovation and funding support, enabling agile, simulation-based development for AI and robotics applications in agriculture.

Service innovativeness

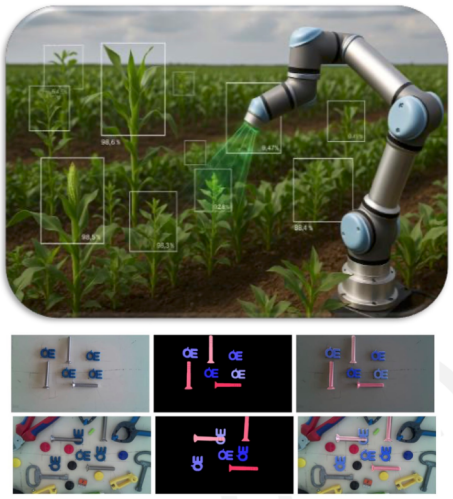
Our service combines **robotics expertise** with **simulation-based dataset generation** tailored for agricultural use. Unlike generic vision tools or manual annotation, we offer ROS2-compatible, agriculture-specific datasets created through virtual environments and robotic task simulations. This **reduces R&D costs by over 50%** and accelerates development timelines. Validated through prior collaborations with AgriTech companies, our approach supports faster AI deployment without the infrastructure burden faced by many startups and SMEs. We go beyond testbeds to deliver a **scalable, operational service**, which is trusted by our partners and optimised **for speed, accuracy, and real-world integration**.

Pitch deck

AI Training Data Generation for AgriRobotic

The problem

Training data for agricultural robots is expensive, seasonal, and hard to collect at scale.



Collecting data directly from farms is:

- **Expensive** (€4,500–€6,000 per location)
- **Slow and seasonal** (possible when crops grow)
- **Difficult to scale** (different crops & lighting needs new data)
- **Labor-intensive** (images must be labeled by hand before AI-use)

Target segment

🎯 AgriTech Developers (B2B)

We serve **teams building robotics and AI for agriculture** - not the farmers themselves.

The AI Lead with Deadlines



Title: Lead ML Engineer, AI Developer, CTO

Works at: Robotics startups, precision farming platforms

Pain points: Data scarcity, long dev cycles, edge-case failures

What they want: Reliable, annotated datasets. Fast.

The Product Owner on a Mission



Title: Product Manager, R&D Lead, Robotics Lead

Works at: Acricultural machinery companies, drone and sensor firms

Pain points: Costly field tests, slow iteration, scaling challenges

What they want: Simulated validation, faster time to market.

The Simulation Wizard in the Shadows



Title: Simulation Engineer, Research Dev, Open-source tinkerer

Works at: Anywhere from startup garages to research labs

Pain points: Limited compute, lack of ag-specific tools

What they want: Lightweight tools, agri-specific assets, open standards.

Pitch deck

AI Training Data Generation for AgriRobotic

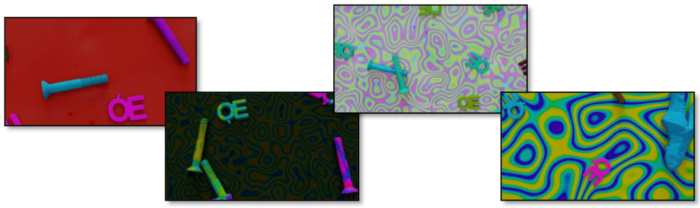
Competition

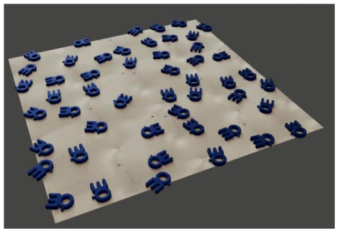
Feature / Provider	Initium Venture Labs (Obuda University)	Unity Perception	NVIDIA Isaac Sim	Deepen AI	agROBOfood / EU R&D
Custom virtual farm environments	✅	❌	✅	❌	⚠️ (limited pilots)
Task simulation (e.g. weeding, spraying)	✅	❌	⚠️ (partial)	❌	⚠️
ROS2-compatible datasets	✅	❌	⚠️	❌	❌
Automated labelling (no manual work)	✅	✅	✅	❌	❌
Lightweight & SME-friendly setup	✅	✅	❌ (GPU-heavy)	✅	❌
Synthetic edge-case testing	✅	❌	✅	❌	❌
Operational service (not just research)	✅	❌	❌	✅	❌
Focus on agri-robotics	✅	❌	❌	❌	⚠️ (broad R&D scope)

Our service

We offer AgriTech teams synthetic data generation & simulation services

- to train & test AI for agricultural robotics
- without the delays, risks, and costs of real-world field trials.







Service name:

PharmaPhytoLab: Innovative Development of Food Supplements with Enhanced Delivery

Responsible institution / team:

National Institute for Chemical and Pharmaceutical Research & Development – ICCF Bucharest

Contact:

- Dr. Corina Bubueanu: ctt.iccf@gmail.com

Service description

For SMEs in the food supplements segment, who struggle with difficulties launching stable, innovative clean-label products, we offer an **integrated platform for extraction, standardization, and nano/microencapsulation**. Unlike other R&D laboratories, we offer innovative **standardized food supplements with better absorption, proven efficency, and reduce risk** while ensuring **full compliance with European regulations**.

Research infrastructures

The research infrastructure of CTT-ICCF integrates advanced equipment for natural ingredient processing, formulation, and analysis, including microwave-assisted extraction systems, micro-pilot extraction platforms, spray dryers, and encapsulation technologies. This setup enables solvent-free extraction, stabilization, and nano/formulation, crucial for enhancing bioavailability and functional performance in food supplement products. The facility ensures **scientific validation, quality assurance, and regulatory compliance**. Supported by an interdisciplinary team with strong expertise in **chemical engineering, biotechnology, and pharmaceutical sciences**, the infrastructure enables **rapid prototyping, early-stage formulation, and pilot-scale production**. The combination of advanced technologies and industry-oriented workflows makes CTT-ICCF's **research infrastructure unique in the region**.

Service innovativeness

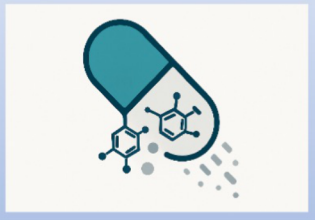
CTT-ICCF provides a unique combination of advanced formulation services, nano-encapsulation, ingredient optimization, and product diversification strategies. Beyond conventional laboratory testing, CTT-ICCF delivers **comprehensive support** that improves **ingredient performance, enhances cost efficiency, and accelerates R&D timelines**. The services are designed to create added market value through innovation, offering companies solutions that improve bioavailability, ensure regulatory compliance, and upgrade or diversify their product lines. CTT-ICCF's collaborative approach - acting as a bridge between academia and industry - ensures tailored solutions for partners that may lack in-house expertise or specialized infrastructure. This integration of **scientific credibility, cost-efficient processes, and advanced nano/formulations** represents a strong differentiator in the regional innovation ecosystem.

Pitch deck

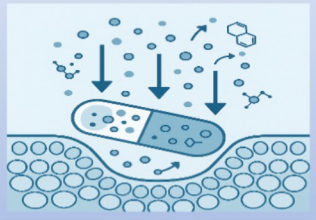
PharmaPhytoLab:
Innovative Development of Food Supplements with Enhanced Delivery

The Problem: Supplements Often Fail to Deliver Real Benefits

Natural compounds degrade during processing



Low bioavailability in the body



Limited scientific proof behind formulations



Consumers pay for benefits that most products cannot deliver.

Context

Target segment and key personas

Ideal partner
Food supplement manufactures seeking differentiation through advanced, science-based formulations.



Focus:
Functional food & supplement industries — enhancing quality, stability, and compliance.

Personas:









Geographical focus:
Romanian market with rising demand for natural, proven bioactives; supported by expert insights and strong consumer trends.

Serving partners in functional food & supplement industries aiming for differentiation and compliance.

Our Ideal Partners
Innovators in the
Food Supplement Industry

Pitch deck

PharmaPhytoLab:
Innovative Development of Food Supplements
with Enhanced Delivery

Why ICCF Stands Out

Most **supplement developers** rely on **traditional formulations with limited innovation and efficacy**.

KEY COMPETITORS

Typical R&D Labs, Institutes or Innovation Centers offering contract R&D, analytical testing, and formulation services for natural products:

- **Basic formulations**
- **Limited validity**
- **Slow development cycles**
- **Higher costs**
- **Little industry-academia integration**

ICCF'S ADVANTAGES

- **Scientific validation**
- **Credibility**
- **Cost-efficient processes**
- **Faster R&D**
- **Collaborative approach**
- **Advanced nanoformulations**
- **Bridge between academia and industry**



ICCF is positioned as a trusted bridge between academia and industry, offering science-driven innovation for real market growth.

The service

Our Solution: Science-based Formulations for Effective Supplements

We offer **R&D solutions** for the extraction, purification, and encapsulation of bioactive compounds using green, science-based technologies to develop efficient, **standardized formulations with better absorption.**





ICCF offers scientific credibility and ready-to-transfer prototypes, reducing time-to-market and R&D costs for partners.

Service name:

AG NutriField by bioBIT: Smart in-field nutrient sensing & drone-guided fertigation

Responsible institution / team:

National Research and Development Institute for Food Bioresources – IBA Bucharest

Contact:

- Dr. Elena Utoiu: elena.utoiu@bioresurse.ro

Service description

NutriField is a full-cycle, **precision-agriculture service** that **transforms real-time soil and plant signals into map-ready fertigation plans**. By combining biodegradable nutrient-sensing strips, NDVI/SWIR drone mapping, LoRa telemetry and AI-assisted recommendations, the service helps farmers reduce input costs, strengthen eco-scheme compliance, and sustain yields. AG NutriField provides **rapid, field-specific guidance - delivered the same day** - offering a practical alternative to slow, generic laboratory testing.

Research infrastructures

NutriField is powered by the Agro BioSENSE research infrastructure, operated by CTT-IBA and INCDSB within METROFOOD-RI and DANUBE-RI. The infrastructure includes **laser-cut plotters, biodegradable & e-beam electrodes, LoRa readers, NDVI/SWIR UAV platforms, a ground-simulation workstation, 3D printers/scanners, and experimental fields**. This unique combination enables integrated sensor development, real-time field measurements, aerial analytics, and scientifically validated decision-support workflows for large-scale agricultural pilots.

Service innovativeness

NutriField stands out by uniting biodegradable in-field biosensors, high-resolution NDVI/SWIR drone mapping, and EU-RI data cloud validation in one workflow - something unavailable in the Romanian market. Unlike satellite-only or generic soil-probe solutions, NutriField captures within-field variability instantly and provides a**ctionable fertigation maps tailored to each parcel**. The dual anchoring in METROFOOD-RI and DANUBE-RI ensures **scientific traceability, local calibration, and access to harmonised protocols**. This integrated approach makes AG NutriField a practical, field-ready "**one-stop" precision-fertigation service**.

Pitch deck

AG NutriField by bioBIT: Smart in-field nutrient sensing & drone-guided fertigation

The problem or need

- Large farms must deliver consistent yields under pressure from cost, climate, and eco-scheme regulations.
- Conventional fertilization methods rely on **delayed lab tests** and **uniform dosing**.

This leads to:

- **Overuse of fertilizers,**
- **Uneven crop growth,**
- **Environmental burdens.**

That's why **farmers need rapid, data-driven, field-specific fertigation insights,** achived **through a full cycle service**

Target segment and personas

- Sector: Agriculture | Segment: Precision agriculture for farms | NACE2: 01.61
- Example companies:
  - Agrovet – distributor and input advisor (pilot reseller)
  - Hofigal – medicinal crops optimization
  - Al Dahra Agricost – large-scale field pilot (56,000 ha)
- Personas:
  - Farm Managers – need ROI and sustainability
  - Sales Directors – seek service-based differentiation
  - R&D Heads – require traceable agronomic data

Pitch deck

AG NutriField by bioBIT: Smart in-field nutrient sensing & drone-guided fertigation

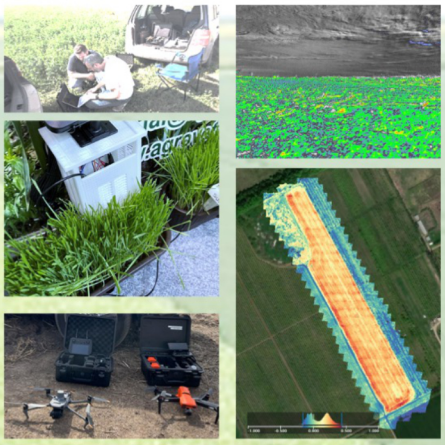
Competitors/alternatives and differentiators

- Competitors:
  - Traditional soil testing labs
  - Generic agri-consulting and satellite imagery providers
- Our Differentiators:
  - Real-time biodegradable sensors vs. delayed lab analysis
  - Drone-based NDVI/SWIR maps for spatial precision
  - Dual access to EU research data clouds
  - Local calibration & field validation by CTT-IBA experts

The service

AGNutriField – Smart in-field nutrient sensing & drone-guided fertigation.

- Service delivered by fusing **NDVI/SWIR** drone imagery and integrated **biodegradable in-field sensors.**
- Real-time detection of nutrient & water stress.
- AI-assisted **fertigation maps** and **dosing scenarios**.
- **Full cycle**: sensor design → field mapping → data analytics → agronomic support.
- Integration with EU agri-data clouds (**METROFOOD** & **DANUBE** nodes).



Service name:

ValoraZyme: Custom enzyme solutions for valorization of fruit and vegetable residues

Responsible institution / team:

University of Belgrade – Institute of Chemistry, Technology and Metallurgy (ICTM), Department of Chemistry, ZymPro group

Contact:

- Dr. Nataša Božić: natasa.bozic@ihtm.bg.ac.rs

Service description

ValoraZyme provides **tailored enzymatic solutions** designed to unlock the hidden value from fruit and vegetable biomass. We analyze each by-product stream to identify the most effective enzymatic strategies, then develop and optimize enzyme protocols that enhance extraction, conversion, or functionalization. Our treatments integrate seamlessly into **existing production workflows for easy implementation**. With ValoraZyme, producers can reintegrate valuable by-products back into their production lines, **reduce waste and operational costs**, and **create clean-label ingredients** that meet consumer expectations. Standardized analytical data **ensures full EU regulatory compliance,** enabling smooth access to EU export markets.

Research infrastructures

ZymPro's infrastructure supports advanced bioprocess development, spanning enzyme production, biomass transformation, and high-resolution analytics. Our facilities include **microbiology shakers, incubators, a Biostat B Plus fermenter, a sonicator, FPLC, fluorescent and light microscopes, a Dionex HPLC with DAD and RI detectors, a spectrophotometer, fluorimeter, thermocyclers, and multiple electrophoresis systems**. Through ICTM facilities, we also access **IC, FTIR, NMR, GC, GC-MS, and HPLC-M**S, enabling comprehensive structural and compositional analysis. Combined with our expertise, this equipment enables precise enzyme process optimization and full characterization of biomass, intermediates, and final ingredients, supporting robust, innovation-driven projects across biotechnology and food science.

Service innovativeness

ValoraZyme introduces a truly innovative approach for juice producers by transforming internal residues into high-value functional ingredients that can be reintegrated directly into their own products. Powered by our in-house–produced enzymes, this process eliminates dependence on external additives or outsourced waste handling, enabling producers to generate premium, clean-label components on-site. This strengthens circular economy practices and enabling authentic "from our own fruit" product stories. By leveraging enhanced enzymatic performance, our solution delivers stable, highly functional ingredients for food and nutraceutical applications, maximizing the value of existing raw materials while improving sustainability and product differentiation.

Pitch deck

ValoraZyme: Custom enzyme solutions for valorization of fruit and vegetable residues

The problem or need

15-40% of fruit & vegetable biomass ends up as costly waste

€3-5 Billion worth of fruit & vegetable residues wasted yearly in Europe

Producers fail to valorize by-products, missing revenue & distinction

>60% of Europeans prefer clean-label and functional food

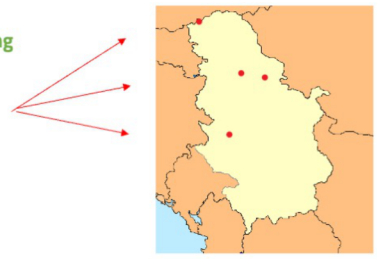
EU CSRD & Taxonomy demand full transparency in waste valorization

- **Collaboration with ZymPro Group allows juice producers to transform waste into clean-label ingredients.**

Target segment and personas



- **Target segment:** Fruit and vegetable processing industries
  - Small family-owned and medium juice producers
- **Target personas:** Chief Executive Officer and Business Development Manager





Pains

- Necessity to manage waste.
- Searching for ways to innovate and differentiate.
- Lack of R&D capacity or technological tools.

Gains

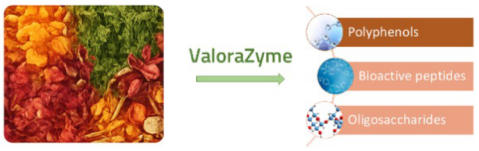
- Added value with bioactive compounds.
- Stronger brand with unique premium juice formulas.
- Resilient enterprise powered by independent functional ingredients.



Pitch deck

ValoraZyme: Custom enzyme solutions for valorization of fruit and vegetable residues

Competitors/alternatives and differentiators

Competitors	Our Differentiators
Feed producers, composting companies, biogas plants	
Food additive suppliers	
Research institutions	Our enzyme-based service enables producers to generate ready-to-apply, high-performance ingredients

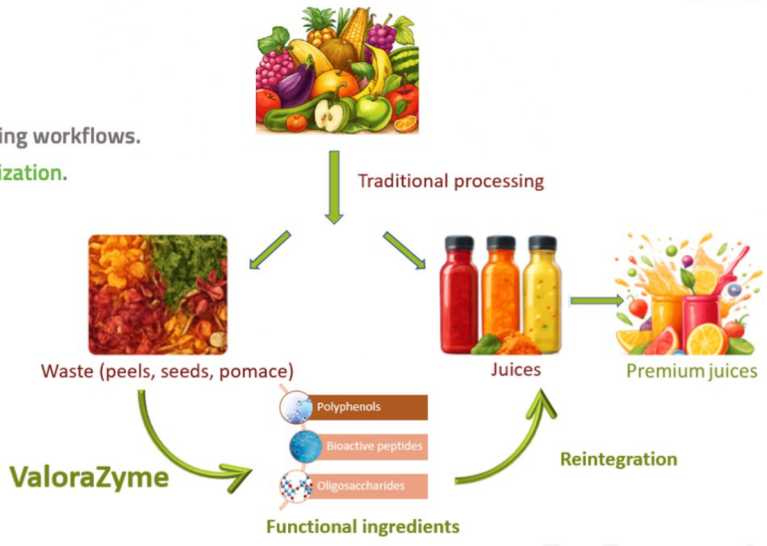
The service

We offer

- Custom enzymatic treatments for existing workflows.
- By-product analysis and process optimization.

You get

- Clean-label ingredients.
- Reintegration by-products.
- Reduce waste and operational costs.
- EU compliance for EU export.



Service name:

Development of new fruit and vegetable-based products: from diversity of raw materials to diversity of innovative final products

Responsible institution / team:

University of Novi Sad, Institute of Food Technology - FINS, Laboratory for Sensory Analysis

Contact:

- Dr. Mladenka Pestorić: mladenka.pestoric@fins.uns.ac.rs

Service description

This service provides a **complete quality and sensory evaluation of vegetable-based products**, combining safety, nutritional, physicochemical, texture, colour, and sensory testing with consumer insights. It helps SMEs optimise formulations, benchmark against commercial products, and prepare for market launch with reliable, data-driven guidance.

Research infrastructures

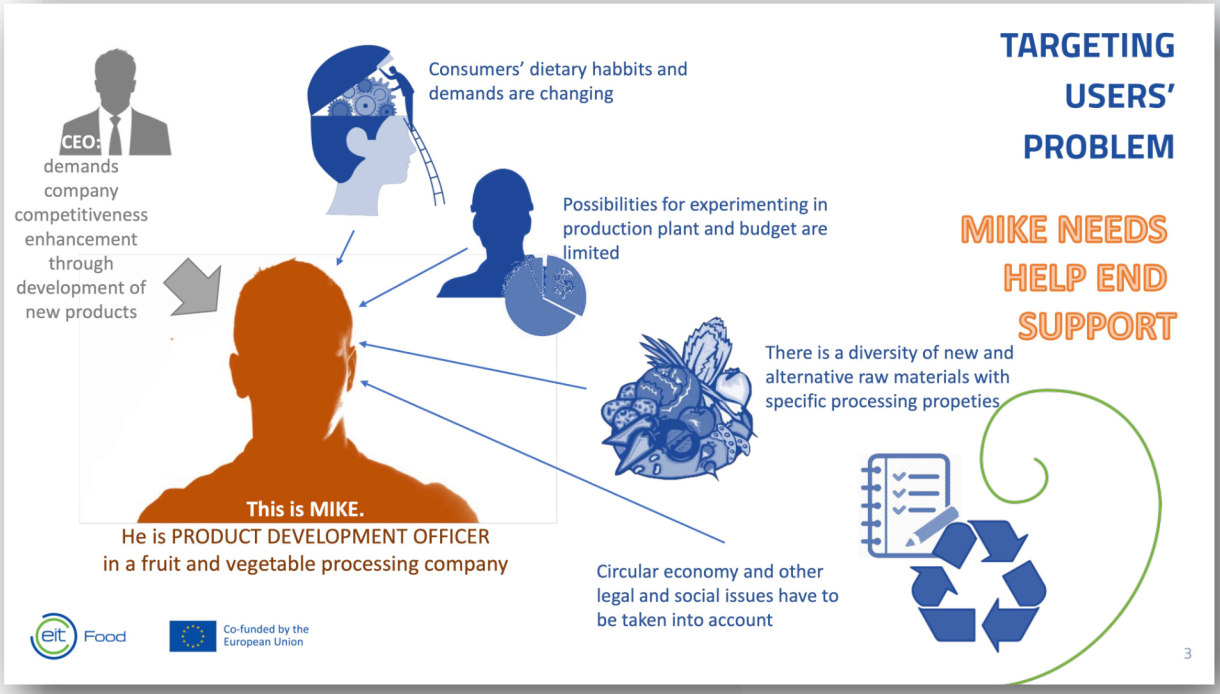
The service is delivered in ISO/IEC 17025:2017 accredited laboratories equipped with **OxiTest for oxidative stability**, **TA.XTplus for texture measurements**, **Minolta Chromameter 400** for colour analysis, **microbiological and chemical testing facilities**, and a dedicated **sensory laboratory** with **expert panels and consumer-testing capabilities**.

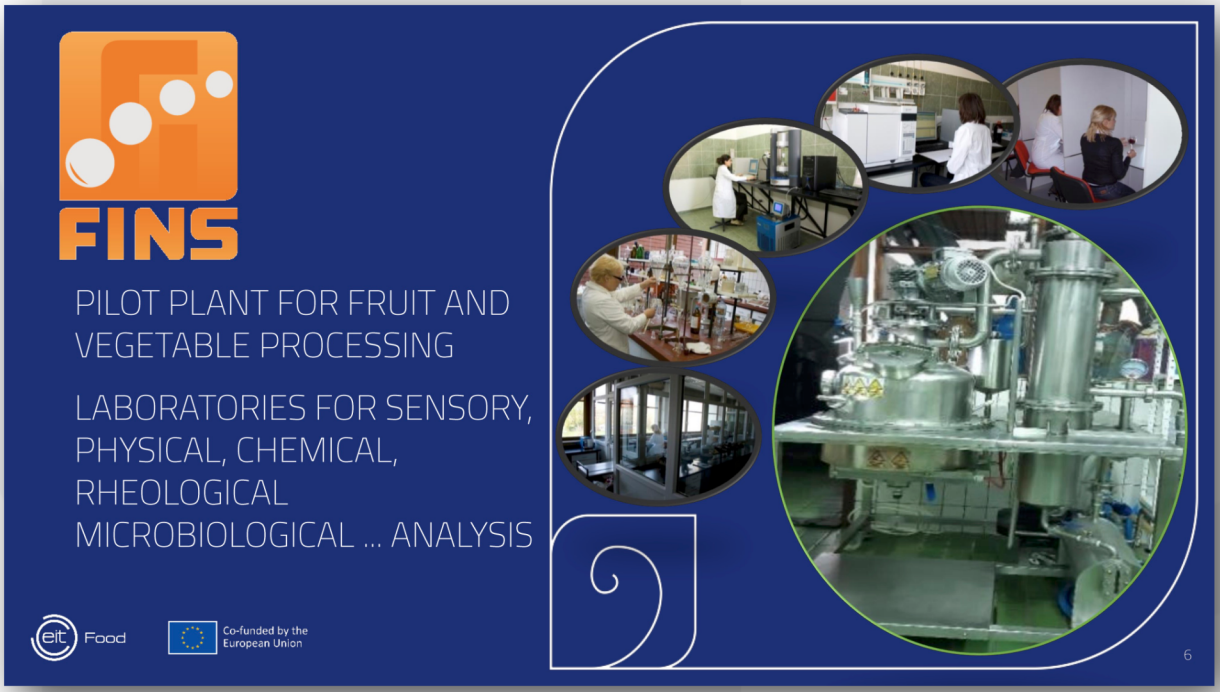
Service innovativeness

The service is delivered in ISO/IEC 17025:2017 accredited laboratories equipped with OxiTest for oxidative stability, TA.XTplus for texture measurements, Minolta Chromameter 400 for colour analysis, microbiological and chemical testing facilities, and a dedicated sensory laboratory with expert panels and consumer-testing capabilities.

Pitch deck

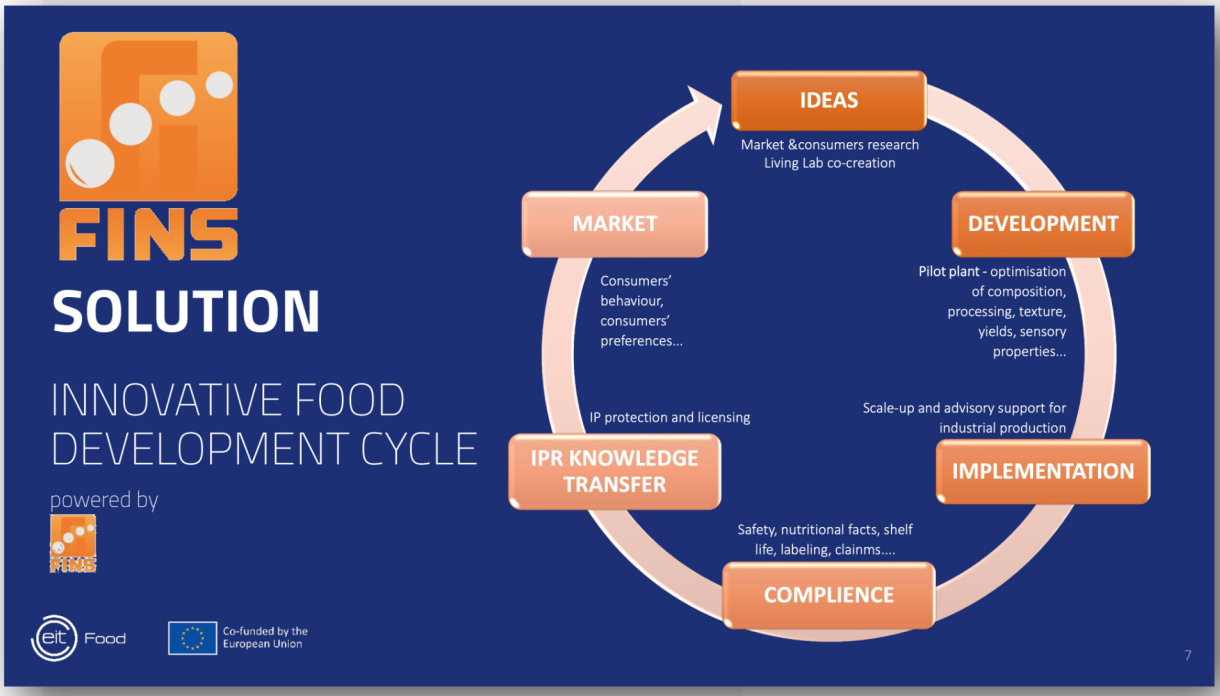
Development of new fruit and vegetable-based products: from diversity of raw materials to diversity of innovative final products





Pitch deck

Development of new fruit and vegetable-based products: from diversity of raw materials to diversity of innovative final products





Service name:

GMP-Compliant Production of Cell Therapies

Responsible institution / team:

İzmir Biomedicine and Genome Center, Dokuz Eylül University

Contact:

- Dr. Melek ÜÇÜNCÜ (GMP Facility Manager): melek.ucuncu@ibg.edu.tr

Service description

IBG-NEVCELL is a **GMP-certified manufacturing facility** providing end-to-end production of cell- and gene-based advanced therapy medicinal products (ATMPs). Equipped with ISO 14644 cleanrooms (EU Class A, B, C and D), integrated quality-control laboratories and a robust quality management system, the facility delivers scalable, compliant and fully traceable manufacturing solutions. Services cover **GMP production of cell therapy product, process development, technology transfer, analytical testing and regulatory support**. Located within the Izmir Biomedicine and Genome Center, IBG-NEVCELL enables **biotechnology companies, startups, hospitals and academic groups** to efficiently translate scientific innovations into clinically ready, high-quality therapeutic products.

Research infrastructures

The IBG-NEVCELL GMP Manufacturing Facility is one of Türkiye's most advanced infrastructures dedicated to the production of ATMPs. The facility comprises **modular EU GMP Class A-B-C-D cleanroom suites, aseptic processing units, automated environmental monitoring systems, co-located QC laboratories and R&D laboratories**. Operating under EU-aligned **GMP and TITCK certification**, IBG-NEVCELL supports the production of cell therapy products for clinical applications, as well as early-phase clinical manufacturing, scale-up activities, and product validation. Its **multidisciplinary team** - including chemists, bioprocess engineers, molecular biologists and quality specialists - ensures full regulatory compliance and operational excellence. Embedded within IBG's biomedical ecosystem, the infrastructure actively connects research outputs with clinical and industrial translation pathways.

Service innovativeness

IBG-NEVCELL distinguishes itself as Türkiye's first EU-aligned GMP facility designed to **support scalable and flexible production of cell and gene therapies**. Its modular manufacturing architecture accommodates diverse therapeutic modalities, while integrated QC workflows significantly **reduce testing and approval timelines**. Continuous monitoring systems and validated SOPs ensure consistent audit readiness. By combining GMP expertise, process-development capability and clinical integration support, IBG-NEVCELL offers a **unique, end-to-end value chain for ATMP developers**. This comprehensive framework **enhances competitiveness** for industry partners, hospitals and startups seeking reliable, compliant and accelerated access to advanced therapy manufacturing.

Pitch deck

GMP-Compliant Production of Cell Therapies

The problem / need

Current Situation:

Access to GMP-compliant facilities remains a significant hurdle in the effective delivery of cell therapies, causing treatment **delays** and **limited use** of safe, innovative cell therapies.

National Context :

5 GMP-compliant facilities are currently operational, while **over 50 regenerative medicine studies** are ongoing. Existing capacity meets barely **15% of clinical demand**, underscoring the urgent need for scalable GMP infrastructure.

Opportunity:

Partnering to expand scalable, GMP-certified production bridges this gap and accelerates advanced therapy delivery.

Who We Serve

Who to target

Private Hospitals & Clinics

ACIBADEM
A CLASS HEALTHCARE SERVICES

MEMORIAL
HOSPITALS GROUP

ANADOLU
In Affiliation with
JOHNS HOPKINS MEDICINE

Who to reach

Hospital R&D and Innovation Managers, Head of Doctors, CMOs

Pitch deck

GMP-Compliant Production of Cell Therapies

Standing Out in a Limited Market



Academic GMP Units

- Ankara University Stem Cell GMP, Acıbadem Labcell, Koç University GMP Unit
- ✗ Limited scalability and project throughput
- ✗ Academic bureaucracy causes regulatory delays



Private GMP Facilities

- Genomma BioTech, Polifarma R&D, VSY Biotechnology
- ✗ Focused on internal pipelines, limited external access
- ✗ Low flexibility for small-scale or customized productionsless adaptability and flexibility for smaller and specialised production

The service

"From bench to bedside — safe, scalable, certified."



- ✓ **Flexible Parallel Production**
- ✓ **Integrated Clinical Workflow**
- ✓ **Certified and Scalable Production**
- ✓ **Proven Credibility**

Service name:

MuseXR: Designing and Optimizing Immersive Museum Experiences

Responsible institution / team:

User Experience Laboratory, Istanbul Technical University

Contact:

- Meral Korkmaz: korkmazmer@itu.edu.tr

Service description

MuseXR is a **one-stop shop for designing and optimizing immersive AR/VR museum experiences** using real visitor data. Through eye-tracking, EEG, biometrics, and structured usability testing, we uncover how audiences perceive and interact with digital exhibits. Our **end-to-end workflow - from concept validation and prototype testing to pilot deployment** - supports confident design decisions, strengthens accessibility, and elevates the overall quality of XR experiences. MuseXR enables cultural institutions **to create engaging, inclusive, and memorable digital journeys** that resonate with visitor behavior and contemporary museum expectations.

Research infrastructures

The service is hosted at Istanbul Technical University's User Experience Laboratory, a **160 m² multi-room facility with sound-isolated experiment and observation spaces**. Core equipment includes **VR/AR headsets with integrated eye tracking, screen-based and mobile eye trackers, EEG units, sensing wristbands, motion-tracking tools, VR-ready high-end PCs and Android tablets**. Studies are designed and supervised by an interdisciplinary team experienced in HCI, affective computing and data analytics, ensuring robust protocols and high-quality data.

Service innovativeness

The service uniquely blends **XR content** with **multimodal sensor fusion**, bringing together **gaze, EEG, physiological signals, and behavioral data** to build a clear, evidence-based picture of visitor experience - depth that standard XR evaluations rarely reach. It turns research-grade UX and AI methods into practical dashboards and actionable recommendations tailored for immersive exhibitions. Rather than emphasizing visual polish alone, the **service focuses on measurable impact grounded in real visitor evidence**. By combining laboratory precision with on-site cultural context, it supports rapid, data-driven iteration. This approach **helps museums create XR experiences** that are visually compelling, easy to navigate, and emotionally engaging.

Pitch deck

MuseXR: Designing and Optimizing Immersive Museum Experiences

Why Museums Must Evolve

🏛️ **269** Museums
⚡ **16%** Experience-oriented
💸 Tourism = Key Industry
📉 **75%** Still Offline



Customers









Pitch deck

MuseXR: Designing and Optimizing Immersive Museum Experiences

Competition

Feature	MuseXR (US!)	UX Agencies	XR Content Studios	AR/Guide SaaS Platforms
Pricing	💰✅	💰💰💰	💰💰💰	💰💰
Data Driven	✅	⚠️	❌	❌
Integration Support	✅	⚠️	⚠️	❌
Iteration Speed	⚡✅	🕓	🕓	🐢

Offer

- **End-to-end service**



Initiate | Collect | Design | Pilot | Implement | Support

Service name:

Smart Textile Knitting Services

Responsible institution / team:

Soft Sensors Laboratory, Istanbul Technical University

Contact:

- Cagatay Gumus: cagatay.gumus@itu.edu.tr

Service description

Smart Textile Knitting Services provide **end-to-end development of sensor-integrated textile prototypes for start-ups and SMEs** working on **wearable technologies**. We turn early concepts into functional knitted demonstrators such as sensorized braces, gloves, and multi-sensor fabrics using our advanced Shima Seiki flat-knitting machine. The service includes hands-on **training, consultancy, design support, electronics integration, and performance validation**. All stages are carried out in a single dedicated lab, ensuring confidentiality, fast iteration, and reliable development. Clients receive **data-ready, functional e-textile prototypes** that accelerate product refinement while **reducing risks, costs, and lead times**.

Research infrastructures

The service is built on the Soft Sensors Laboratory's integrated textile–electronics research space at Istanbul Technical University, where all development steps are executed in one lab. The infrastructure includes an **industrial Shima Seiki flat-knitting machine, textile testing systems, material characterization tools, data acquisition platforms, and equipment for integrating conductive yarns and sensors into knitted structures**. The combination of textile engineering tools and electronics capabilities enables rapid prototyping, structural optimization, and in-house validation of mechanical, electrical, and sensing performance, supporting the full creation of functional e-textile prototypes from yarn-level design to final testing.

Service innovativeness

This service is innovative in offering a complete, local, and rapid pathway to validated smart textile prototypes, with knitting, sensor integration, electronics, testing, consultancy, and hands-on training all carried out in a single laboratory. Unlike studios focused on aesthetics or academic labs providing only early proof-of-concept work, we deliver **functional, data-ready prototypes tailored to industry needs**. The integration of a Shima Seiki machine, **interdisciplinary expertise, and in-house performance validation** minimizes confidentiality risks and eliminates the need for external suppliers. This unified approach offers a **unique, innovation-driven solution** for wearable technology development.

Pitch deck

Smart Textile Knitting Services

Problem / Need

Most start-ups and SMEs

- lack access to advanced flat-knitting technology.
  - Relying on foreign suppliers slows innovation and reduces confidentiality.
  - This leads to high costs, long lead times, and IP risks.
- lack specialised know-how to design, integrate, and implement.
  - Trial-and-error development wastes time and budget.
  - Lack of expert guidance delays validation and launch.

Target segment and personas

Primary Target

Start-ups and SMEs developing wearable technology and smart textile products, seeking rapid, low-risk routes from concept to prototype.

Personas

- ✓ Founders and CTOs of wearable-tech start-ups
- ✓ Product Managers in smart wearables
- ✓ Engineers responsible for prototype development

Pitch deck

Smart Textile Knitting Services

Competitors and differentiators

Key Competitors

Knitwear studios and academic labs mainly deliver aesthetic or proof-of-concept samples, with limited sensor integration and system validation.

Our Advantage

Sensor-integrated, validated wearable prototypes are delivered for start-ups and SMEs through local prototyping, training, design support, and testing.

Service

We offer

- E-textile prototyping from concept to functional demonstrators.
- Hands-on training in development and application.
- Design, integration, and implementation consulting.
- Performance testing and validation.





Sensorized Knee Braces



Sensors Arrays



Therapeutic Gloves

Service name:

Pilot line for hydrogel materials: rapid prototyping and validation for medical and cosmetic applications

Responsible institution / team:

DeepTech Prototyping Laboratory, Lviv Polytechnic National University

Contact:

- Prof. Roman Nebesnyi: roman.v.nebesnyi@lpnu.ua

Service description

DTP-Lab provides a pilot **line for rapid prototyping and validation of hydrogel materials for medical and cosmetic use**. The service enables partners to quickly assess new formulations, optimize material properties, and produce pilot batches suitable for regulatory evaluation or early-stage product development. A successful example is the **patented sterile alginate hydrogel bandage**, which supports moist wound healing and enhances tissue regeneration. The **service integrates manufacturing capabilities with analytical and expert support, allowing companies, researchers, and startups** to move efficiently from laboratory concepts to validated prototypes ready for certification or scale-up.

Research infrastructures

DTP-Lab combines analytical facilities, pilot-scale equipment, and interdisciplinary expertise across biotechnology, food technology, organic chemistry, and process engineering. Key instruments cover **gas-phase and liquid-phase reaction systems, GC-MS, LC-MS, SEM, XRD, FTIR, UV-Vis, DSC analysis** etc. The infrastructure supports formulation development, process optimisation, material characterization, and pilot-batch production. A **unified workflow within one facility** ensures efficient progression from early research to validated prototypes, reducing development time and improving reproducibility. This environment is tailored for partners seeking reliable deep-tech prototyping and the evidence required for certification, market validation, or investment readiness.

Service innovativeness

The pilot line offers an integrated approach to hydrogel material development, combining **controlled manufacturing conditions, bio-based formulations, and comprehensive analytical validation**. This enables rapid iteration cycles, allowing partners to refine formulations, assess performance, and obtain expert feedback within a single coordinated workflow. The platform has demonstrated proven impact through clinically evaluated alginate-hydrogel bandages with improved healing and user comfort. By providing a scalable, evidence-driven development model, DTP-Lab **helps innovators accelerate product readiness, reduce time-to-market, and meet modern healthcare and cosmetic industry demands for safety, efficiency, and sustainability**.

Pitch deck

Pilot line for hydrogel materials:
rapid prototyping and validation for medical and cosmetic applications

The problem or need (case for hydrogel bandages)

Fast and painless treatment of wounds and burns



We offer: Medical alginate hydrogel sterile bandage

Treatment of:

- Wounds in the second and third stages of healing
- Burns and postoperative wounds
- Wounds that heal poorly

To whom:

Hospitals and healthcare facilities looking to deliver faster healing, reliable outcomes, and cost efficiency in wound care

Target segment and personas

A multi-department general hospital

Chief Medical Officer

Emergency medical services – ambulances, paramedics, disaster response units

Medical Director

Charitable Foundation

Procurement Manager

NGO

Executive Director

Pitch deck

Pilot line for hydrogel materials:
rapid prototyping and validation for medical and cosmetic applications

Competitors/alternatives and differentiators



Maker	Synthetic substances	Hypoallergenic product	Biodegradability	Price: square decimeter/USD
Hydrosorb, Hartmann	+	+	-	from 4,0 to 9,5
Aqua-Gel, KiKgel	+	+	-	from 5,5 to 10,0
Armagel, PE *Ukrtehmed*	+	-	-	from 3,5 to 10,5
Our bandage	-	+	+	**from 2,0 to 8,5**

The service







What makes bandage unique:





- Clinically safe & certified
- Natural & irritation-free
- Easy to use, fewer changes
- Up to 2 x faster healing
- Resistant to liquids and medications – structure stays intact
- Variation in size: from 80×60×2 mm to 400×1000×4 mm

Service name:

Precision soil diagnostics and fertilization plan

Responsible institution / team:

Soil and Agrochemical Laboratory, Mykolayiv National Agrarian University

Contact:

- Dr. Dmytro Koshkin: koshkindl@mnau.edu.ua

Service description

The Precision Soil Diagnostics & Fertilization Plan provides farms with **certified, high-accuracy soil analysis and a personalized nutrient plan** tailored to each field and crop. Using proven scientific methods, the service evaluates key soil parameters such as nutrients, pH, organic matter, and trace elements. Based on on-site collected samples, the laboratory prepares **clear, data-driven recommendations that help farmers reduce fertilizer costs, increase yields, and improve soil health**. Unlike generic advice or rapid tests, this service delivers export-ready, lab-grade results recognized for compliance with agricultural, subsidy, and market standards.

Research infrastructures

The Soil & Agrochemical Laboratory of Mykolayiv National Agrarian University is equipped with advanced instruments for agrochemical and environmental testing. The facility includes an **ICP-OES atomic spectrometer for multi-element analysis, nitrogen and organic matter analyzers, pH and conductivity meters, and sample preparation equipment**. The laboratory follows **certified analytical methods** validated by the national standards authority. Field sampling tools allow precise collection of soil from specific zones, ensuring reliability and representativeness. This combination of **certified methods**, modern **analytical equipment**, and **trained experts** positions the laboratory as one of the leading soil diagnostics facilities in southern Ukraine.

Service innovativeness

The service is innovative due to its integration of certified laboratory diagnostics with field-specific, easy-to-apply nutrient planning. Unlike other providers that offer only raw test results, this service combines **high-precision multi-element analysis with expert interpretation, patented methodologies, and practical recommendations** tailored to specific crops and soils. Digital-ready reports support precision agriculture platforms, enabling farmers to make fast, evidence-based decisions. On-site sample collection increases reliability, while export-compliant testing meets modern regulatory requirements. This unique blend of certified analytics, personalization, and digital integration sets the service apart in the Ukrainian agricultural market.

Pitch deck

Precision soil diagnostics and fertilization plan

Did You Know..?

- Many farmers spend big on fertilizers, but still get poor harvests.
- No plan? Money goes to waste — crops don't get what they really need.



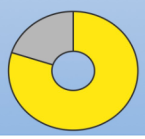
At the end of the day..!

- What everyone really needs is simple, reliable soil data for smarter farming and a better future.

Target segment and personas

- **Main segment:**
  Grain and oilseed farms, south and central Ukraine
- **Persona:**
  Farm owner or chief agronomist — responsible for decisions on soil, fertilizer, and yield
- **Market Overview:**
  Southern and Central Ukraine
  15,000+ farms and agroholdings





80% Grain and Oilseed Crops
20% Others

60–70%
of per-hectare costs go to fertilizers and agrochemicals

Pitch deck

Precision soil diagnostics and fertilization plan

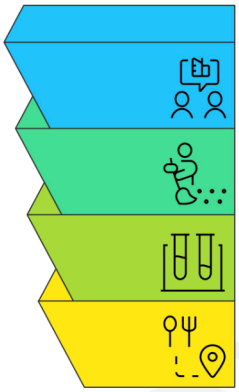
Competitors/alternatives and differentiators

Differentiators	Our Lab	Competitors		
		Universities / Research Labs	Private Labs	On-field Test-Kits
✓ Certified Accuracy & Innovation	☑ Patented methods, certified, export-ready	☑ Mostly patented, but less practical	⚠ No patents, basic certification	✗ Uncertified, no innovation
✓ Speed	☑ Fast turnaround	✗ Slow	☑ Fast	☑ Very fast
✓ Field-Specific Advice, Digital Reports	☑ Digital-ready tailored plans, for precision agriculture	⚠ Rare, mostly academic, paper-based	⚠ Sometimes, limited	✗ None
✓ On-site Sample Collection	☑ Offered	✗ Not offered	⚠ Sometimes	☑ Self-sampling

The "Precision Soil Plan" service



1. **Initial Consultation** — Defining project scope and parameters
2. **On-Site Sampling** — Collecting representative soil samples
3. **Laboratory Analysis** — Conducting precision soil tests
4. **Plan Delivery** — Providing digital nutrient plan recommendations



Farmers save up to **20%** on fertilizer costs with our service!

Cooperation tips

For those interested in **learning more about the services** detailed in this catalogue or in collaborating with the service providers, please note the following **guidelines**:

- Each service listed in this catalogue has specific contact information to the responsible scientists. We encourage you to **reach out to them directly** for detailed inquiries, potential collaborations, or further information.
- When contacting the service providers, please be **clear** about the nature of your **inquiry** or interest **related to the service domain**. This will facilitate a more efficient and productive communication.
- Please **allow** some **time for responses**, as our service providers are often engaged in ongoing research and projects.
- InfraBooster service providers are leaders in their respective fields, bringing a wealth of expertise and innovative approaches to every collaboration. Don't hesitate to reach out with ideas for joint projects or tailored solutions.





InfraBooster details

All information presented in this catalogue is based on the data available as of the date of publication. We strive to keep our information accurate and up-to-date; however, we recommend **verifying** with the service providers for the **most current details**.

The success stories, data, and outcomes mentioned in this catalogue are **attributed to the work of** participating **teams** of EIT InfraBooster Practitioner program **and their** respective **institutions**.

EIT InfraBooster Practitioner program, its objectives, and the details of the course have been sourced primarily from EIT InfraBooster website and related documents. For more comprehensive information, please visit the InfraBooster webpage: **https://eit-ris.eu/infrabooster/**

For more inquiries related to EIT InfraBooster program, please contact us at: **infrabooster@wz.uw.edu.pl**. We are available to provide information about the program, participation requirements, and other general queries.

Testimonials - participants

Participant opinions from
InfraBooster Practitioner 2025 cohorts

Annalisa Petrelli, PhD, Technical Coordinator
Open Lab DSV, University of Turin, Italy

The InfraBooster course **was a turning point** for me: I had always worked in university research and the world of industry was unknown to me. This course not only **helped me understand the hidden potential** of our infrastructure, but also **taught me the company's perspective**, helped me **understand its needs** and provided me with the tools to address them. Now I feel ready to tackle the world of industry with the right mindset.

Jonida Biturku, Researcher
Faculty of Agriculture and Environment, Agricultural University of Tirana, Albania

Participating in InfraBooster program has been a **highly enriching and transformative experience**. The program **strengthened our ability to translate** RI into well-defined services while deepening my understanding of how laboratory-based expertise can respond to real needs in the agri-food sector. Beyond service development, InfraBooster provided an **excellent opportunity to expand my professional network**, engage with experts from diverse disciplines, and connect with industry and innovation ecosystems across Europe.

Ozan Cagil Deniz Manager of Business Development and Commercialisation Unit
Dokuz Eylül University, Türkiye

The InfraBooster program p**rovided a structured and practical framework** that enabled us to refine our service portfolio and strengthen our industry-oriented approach. Through the training, we **enhanced our capacity to design market-ready services**, improved partner engagement and positioned IBG-NEVCELL more effectively within the European innovation ecosystem. The program has been instrumental in **accelerating our commercialization readiness** and **expanding our outreach** to clinical and industrial stakeholders.

Alexandra Gaspar-Pintiliescu, PhD, Research Scientist
National Institute of Research and Development for Biological Sciences, Romania

The case studies, practical tools, and structured materials provided in the EIT InfraBooster Practitioner course **greatly enhanced my understanding** of how to present and position my organization's research facilities and services in ways that truly resonate with industrial and private partners. The course **strengthened my ability to communicate the value of our services** more clearly and to lay the groundwork for strong, long-term collaborations. I **highly recommend it to any researcher** aiming to attract new partnerships and secure funding through their research services.

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Testimonials - service providers

Prof Tanja Ćirković Veličković, Head of The Center of Research Excellence for MFC,
University of Belgrade - Faculty of Chemistry, Serbia

InfraBooster program was instrumental in supporting the market introduction of our microplastics analysis and characterization service. The training provided **valuable insights** into research infrastructure management and service commercialization, helping us a**lign our research expertise with market needs**. The innovation voucher created important **opportunities to develop**, **validate**, and **position our service**, contributing directly to faster market entry and increased visibility among potential users. The program **strengthened our ability** to translate scientific infrastructure into impactful, market-ready services.

Prof. Belma Kalamujic Stroil, Senior Scientific Associate
INGEB, University of Sarajevo, Bosnia and Herzegovina

The EIT InfraBooster program was a game-changer for me. Today, scientists face growing pressure to be multi-skilled and translate their expertise into marketable services. Yet, many lack the knowledge and tools to do this successfully. The EIT InfraBooster training **provided clear, practical insights** into how research infrastructures can be leveraged for innovation, **helping me structure our service** offering to truly meet market needs. (...) This experience **strengthened both our strategic approach and our confidence** in scaling impact.

Dr. Dorota Kostrzewa, Head of Supercritical Extraction Research Group
Łukasiewicz Research Network – New Chemical Syntheses Institute , Poland

Participation in InfraBooster training **helped to strengthen our organisation's scientific excellence** and **enhanced our competences** in developing commercialisation strategies. Participation in this program strengthened the visibility of our R&D offers. This can enhance our ability to build consortia in international projects, thus raising the level of our scientific and business excellence. (...) We highly **recommend the program to any research organization** seeking to increase the impact of their infrastructure and refine their strategic approach.

Head of the LaBEES , Faculty of Agricultural Sciences and Food
Ss. Cyril and Methodius University in Skopje, North Macedonia

Our team at the LaBEES g**reatly benefited from the structured training, mentoring, and support** provided through EIT InfraBooster program. The program helped us transform our laboratory's scientific expertise into a clear, market-oriented service focused on non-hypothetical consumer insights using behavioral and experimental economics methods. I **highly recommend** the program to any RI seeking to connect science with industry needs and create measurable innovation impact. It has **significantly strengthened LaBEES's capacity** to deliver high-quality, evidence-based consumer analytics to the private sector.

InfraBooster experts

Faculty of Management
University of Warsaw

AACSB ACCREDITED · EQUIS ACCREDITED · AMBA ACCREDITED

Centre
for Socially
Responsible
Innovations



Prof. Krzysztof Klincewicz
kklincewicz@wz.uw.edu.pl



Katarzyna Kotowska
kkotowska@wz.uw.edu.pl



Piotr Nawrocki
pnawrocki@wz.uw.edu.pl



Dr. Mansour Esmaeil Zaei
mez@wz.uw.edu.pl

About CSRI

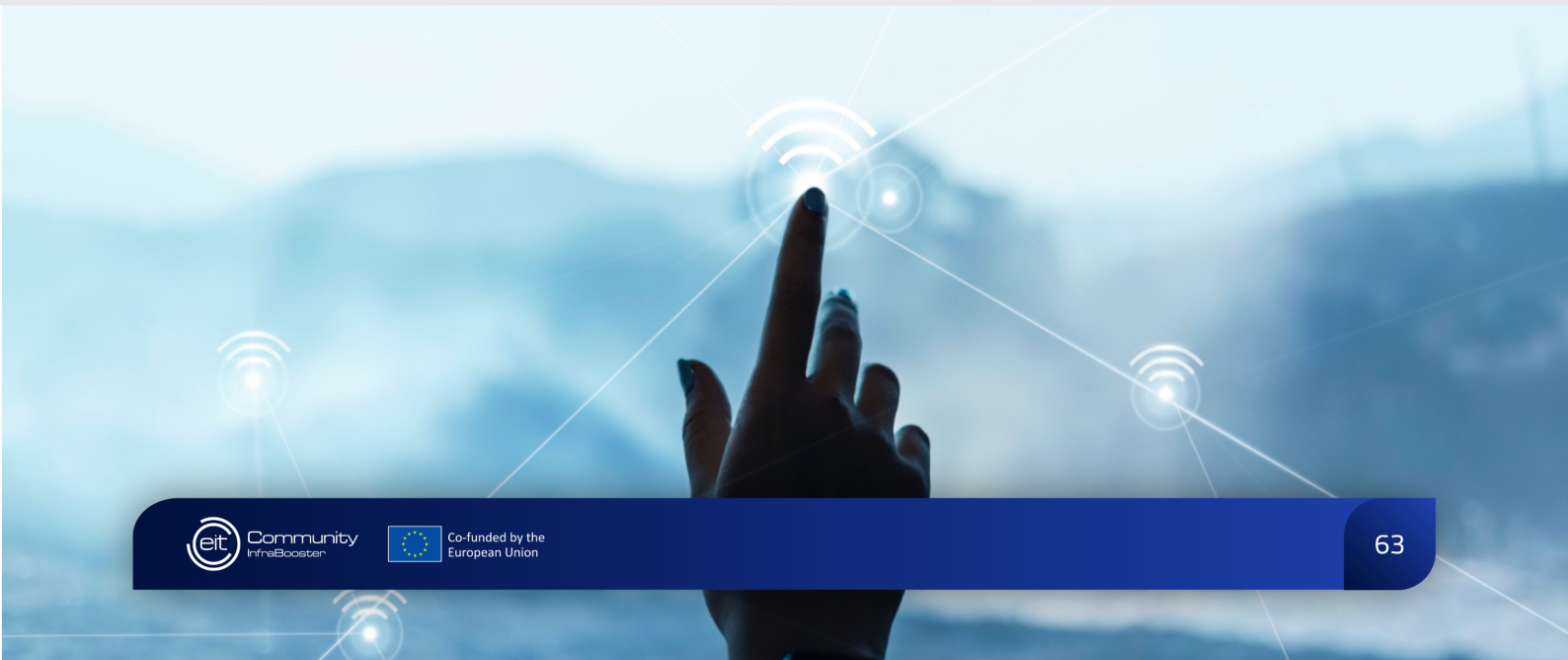
Centre for Socially Responsible Innovations

The Centre for Socially Responsible Innovations (CSRI) at the Faculty of Management, University of Warsaw, **integrates social responsibility with innovation**. CSRI conducts **cutting-edge research** on socially responsible innovation and technology management, addressing **societal** and **environmental challenges**.

Initiatives include co-creating products with vulnerable groups, designing environmentally friendly solutions, and leveraging research infrastructures for economic and scientific advancement. CSRI **collaborates with industrial and academic partners** across Europe, with many projects funded by Horizon Europe, EIT Food, and EIT Health.

Flagship initiatives, such as the InfraBooster program, demonstrate our commitment to **bridging science and industry**, unlocking the potential of research infrastructures, and **promoting sustainable development**.

Join our projects in shaping innovations that drive societal well-being and global impact.



Participating institutions 2025

Albania	Agricultural University of Tirana
	University of Shkodra “Luigj Gurakuqi”
Bosnia and Herzegovina	Center for Development Evaluation and Social Science Research
	Faculty of Agriculture and Food Science, University of Sarajevo
	University of Sarajevo
Bulgaria	University of Food Technologies – Plovdiv
Croatia	School of Dental Medicine, University of Zagreb
	University of Rijeka
Greece	Harokopio University of Athens
Hungary	Óbuda University
Kosovo	University of Prishtina “Hasan Prishtina”
Moldova	Moldova State University – Institute of Chemistry
North Macedonia	International Balkan University
	University of Information Science & Technology “St. Paul the Apostle”
Romania	INCDCP ICECHIM Bucharest
	INCDCF-ICCF Bucharest
	National Institute for Chemical and Pharmaceutical R&D
	National Institute of R-D for Biological Sciences, Bucharest
	National R&D Institute for Food Bioresources – IBA
	North-West Regional Development Agency
Serbia	Institute of Food Technology
	University of Belgrade
Slovenia	University of Nova Gorica
Spain	University of Salamanca
Türkiye	Central Fisheries Research Institute (SUMAE)
	Istanbul Technical University
	Izmir Biomedicine and Genome Center
	Koç University
Ukraine	Lutsk National Technical University
	Lviv Polytechnic National University
	Mykolayiv National Agrarian University

The list includes scientific organisations which participated in EIT InfraBooster Foundation training.
*) marks institutions that progressed to the more advanced Practitioner level

InfraBooster participants' countries 2025





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infrabooster@wz.uw.edu.pl

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