

Foodscale Hub

Gordana Racić
Scientific Project Manager

Olivera Stojilović Trivunić
Head of Ecosystem Development



Palatinus
POSLOVNO SVETOVANJE
Andreja Palatinus s.p.



Foodscale Hub – Highlights



Osnovan 2019

2 lokacije (EU & AC)

35+ zaposlenih

20+ aktivnih EU projekata

50+ partnera



- **Olivera Stojilović Trivunić** - Head of Ecosystem Development
- **Dr. Gordana Racić** - Scientific Project Manager
- **Thomas Gitsoudis** - Project Manager
- **Tatjana Knežević** - Head of Exploitation

OSIJEK
OFFICE,
CROATIA

NOVI SAD
OFFICE,
SERBIA

Foodscale Hub - Impact Venture Group

inovacija ↔ saradnja ↔ uticaj

Stručna ekspertiza u oblasti:

- poljoprivrede
- hrane
- klimatskih promena
- cirkularne ekonomije
- bio-based lanci vrednosti
- energetska efikasnost
- ruralni razvoj
- održivo korišćenje zemljišta



InPlasTwin
Increasing expertise in micro- and nanoplastics analysis through twinning action

#InPlasTwin #Microplastics
#Agriculture #StrawberriesAnalytics
#MulchingFilms

2024 - 2027

€ 1,499,992,69

RIA4FOOD
Multi-Actor Research and Innovation Approaches for Functional Food

#foodchemistry #productiontechnology
#processengineering #systembiology
#cropproduction #appliedplantbiology

2023-2027

€ 1.600.800,00

PLANTOMYC
Production of superior meat analogues by bridging the benefits of plant proteins and mycelium protein biomass produced from circular substrates

#meatanalogues #alternativeprotein
#innovativefoodproducts

2025-2028

€ 4.618.367,50

SUN FUSION
Innovative Solar-Powered Technologies for Microbial Biofuel

#solarenergy #biofuels #microalgae
#ThermalEnergyStorage

2025-2028

€ 2.999.389,36

WiseFood
Aiming to develop smart digital applications that empower citizens to adopt healthier and eco-friendly food choices

#foodrecommendersystems
#digitalrecipes
#informationextraction

2025-2027

€ 2.848.728,69

FarmBioNet
Farmer-focused Biodiversity and Agricultural Knowledge Network

#FarmBioNet
#BiodiversityKnowledgeNetwork
#BiodiversityKnowledge

2025-2027

€ 2.713.753,72

RefreSCAR
Improved coordination of national and European bioeconomy research and innovation programmes in the ERA through strengthened SCAR Working Groups

#RefreSCAREU
#SCAREurope #FoodProduction
#WebinarSeries

2023-2027

€ 3.999.952,50

Funding Program: Horizon Europe
Call: HORIZON-WIDERA-2023-ACCESS-02
GA No.: 101160289

InPlasTwin: 6 partners – 6 countries



A Roadmap for Scientific Capacity Building



Generation of MNPs in agriculture

The generation of MNPs from biodegradable mulching films will be studied under real conditions to develop a protocol for 'model' MNPs for future experiments.



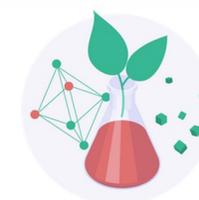
Extraction of MNPs from complex samples

Sample preparation protocols for extracting MNPs from environmental samples (e.g., soil, water) and food samples (e.g. strawberries) will be established.



Quantification, identification, and characterisation of MNPs

The knowledge of analytical techniques for the detection of MNPs will be enhanced, including spectroscopic techniques and mass spectrometry techniques.



Analysis of organic and inorganic plastic additives in MNPs

The release of toxic additives from MNPs will be investigated using mass spectrometry-based techniques, with additional leaching and migration tests.



Uptake and impact of MNPs on crop cultivation and quality

The uptake of MNPs and plastic additives in strawberries from mulching films will be studied in lab and field experiments, along with their impact on yield and fruit quality.

WP9 & WP10 FSH - InPlasTwin- Diseminacija, komunikacija i eksploatacija



inplastwin.eu



MISSION,
STRATEGY,
VISION



AWARENESS, CONSIDERATION
& DEMONSTRATION



SYNERGIES &
NETWORK MULTIPLIERS



POST-PROJECT
SUSTAINABILITY & IMPACT



Funded by
the European Union

IKA ZA DORUČAK - PRVI SUSRET ISTRAŽIVAČA MIKRO I NANOPLASTIKE SRBIJE, CRNE GORIE & BOSNE I HERCEGOVINE

MIKROPLASTIKA ZA DORUČAK - PRVI SUSRET ISTRAŽIVAČA MIKRO I
NANOPLASTIKE SRBIJE, CRNE GORIE & BOSNE I HERCEGOVINE

Hvala na pažnji

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