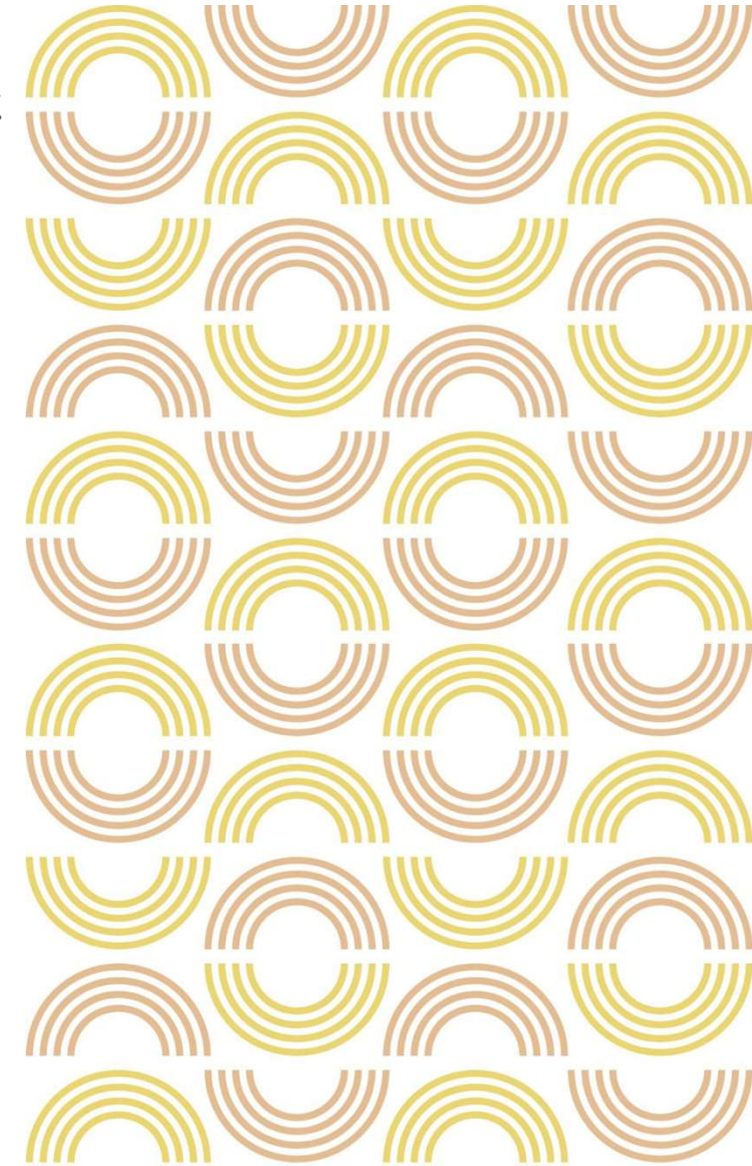




Horizon Europe Brokerage Event
Cluster 6 Calls 2024
Brussels, 26 September 2023



Digitally engineering industry

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IRIS Technology Solutions SL.



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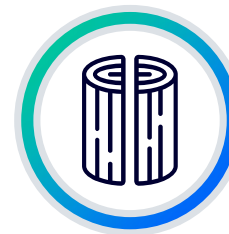
Circular Economy



Nutraceutical



Food



Lumber

Monitoring &
digital solutions &
bioscience & AI

CALL - FAIR, HEALTHY AND ENVIRONMENTALLY-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION (HORIZON-CL6-2024-FARM2FORK-02-TWO-STAGE)

HORIZON-CL6-2024-FARM2FORK-02-4-two-stage: Tackling outbreaks of plant pests

HORIZON-CL6-2024-FARM2FORK-02-5-two-stage: Animal nutritional requirements and nutritional value of feed under different production management conditions

CALL - CIRCULAR ECONOMY AND BIOECONOMY SECTORS (HORIZON-CL6-2024-CIRCBIO-01)

HORIZON-CL6-2024-CircBio-01-2: Circular solutions for textile value chains based on extended producer responsibility

HORIZON-CL6-2024-CircBio-01-5: Programmed biodegradation capability of bio-based materials and products, validated in specific environments

CALL - CIRCULAR ECONOMY AND BIOECONOMY SECTORS (HORIZON-CL6-2024-CIRCBIO-02-TWO-STAGE)

HORIZON-CL6-2024-CircBio-02-1-two-stage: Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling

CALL - LAND, OCEAN AND WATER FOR CLIMATE ACTION (HORIZON-CL6-2024-CLIMATE-01)

HORIZON-CL6-2024-CLIMATE-01-5: Climate-smart use of wood in the construction sector to support the New European Bauhaus

CALL - FAIR, HEALTHY AND ENVIRONMENT-FRIENDLY FOOD SYSTEMS FROM PRIMARY PRODUCTION TO CONSUMPTION (HORIZON-CL6-2024-FARM2FORK-01)

HORIZON-CL6-2024-FARM2FORK-01-1: Agro-pastoral/outdoor livestock systems and wildlife management

HORIZON-CL6-2024-FARM2FORK-01-2: New healthy and sustainable food products and processes

HORIZON-CL6-2024-FARM2FORK-01-4: Climate change and food safety: effects of climate change on food safety across food systems

HORIZON-CL6-2024-FARM2FORK-01-6: Citizens' science as an opportunity to foster the transition to sustainable food systems

HORIZON-CL6-2024-FARM2FORK-01-7: Impact of the development of novel foods based on alternative sources of proteins

HORIZON-CL6-2024-FARM2FORK-01-8: Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets

HORIZON-CL6-2024-FARM2FORK-01-10: EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation

HORIZON-CL6-2024-FARM2FORK-01-11: EU-African Union - towards climate-neutral, social just fair trade food systems

Project idea: Prevention, monitoring & artificial intelligence solutions for the biocontrol of pests



prevention



biocontrol



Early-detection
monitoring



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Main expertise offered

- Next-generation bioformulations for plant stress mitigation & biopriming to prevent in nursery/seeds
- Use of Quorum-sensing (QS) and quorum-quenching (QQ) systems in the rhizosphere environment for intelligent control of plant pests and diseases
- Composting-vermicomposting facilities and climate controlled systems for advanced validation of biocontrol products
- Monitoring & Digital technologies supporting plant health early detection

Main expertise sought

- NGOs, companies, governmental agencies, and farmers' and nurseries associations worldwide that are designed to improve the management of diseases caused by the quarantine plant TBC



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Data
Scientists



Innovation
& Project
Managers



Industrial &
Automation
Engineers



Chemical
Engineers,
Biologists, Food
Scientists



Physicists



Spectroscopists



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Engineers

