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UnLiON BROKERAGE EVENT

10th December 2025, 10:00-13:00 CET

HORIZON EUROPE Cluster 6 Food, Bioeconomy, Natural Resources, Agriculture and Environment



**CLUSTER 6: FOOD, BIOECONOMY, NATURAL
RESOURCES, AGRICULTURE AND ENVIRONMENT**
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**UnLiON Brokerage Event under Horizon Europe Cluster 6 calls on
Food, Bioeconomy, Natural Resources, Agriculture and
Environment | 10/12/2025**

Institute for Research in Agrifood Resources (INURA)- UNIVERSITY OF EXTREMADURA (UEX)-SPAIN

<https://opendata.unex.es/investiga/institutos-de-investigacion/INURA>

<http://iui.unex.es/index.php/es/institutos/inura>



INURA

INSTITUTO UNIVERSITARIO DE INVESTIGACIÓN
DE RECURSOS AGRARIOS

According to the Shanghai Ranking, the University of Extremadura ranks its Food Science and Technology, Agricultural Sciences, Veterinary Sciences, and Earth Sciences programmes among the top 10 in Spain.

THE GENERAL OBJETIVE OF INURA

The Institute for the Research in Agrifood Resources (INURA) in the University of Extremadura (Spain) **have more than 80 researchers** (15 Groups).

Quality of agricultural products

Production, processing, conservation and commercial shelf-life to obtain high quality, safe and eco-friendly food products.

INURA has a **strong relationship with the industrial sector in the region of Extremadura** generating fundamental and basic knowledge to enhance both the agriculture and agrifood industry. This could help in adding value to the whole food chain from field to table.

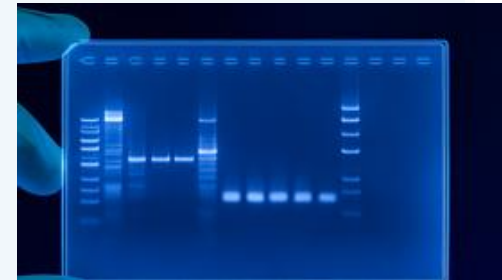


Expertise of INURA-UEx



Our Expertise

- **Fungal and bacterial plant pathogens:** biology, infection mechanisms, spread dynamics, and climate-change impacts on major crops.
- **Rapid detection technologies:** molecular tools and non-destructive methods to design **safe, sustainable and cost-effective control strategies** for harvest and postharvest stages.
- **Microbial biocontrol systems:** development of yeast-, mould- and bacteria-based solutions to reduce crop losses, improve quality, and extend shelf-life.
- **Postharvest management:** sustainable preservation, reduction of contamination, and improvement of food safety and value chain performance.



Our project idea



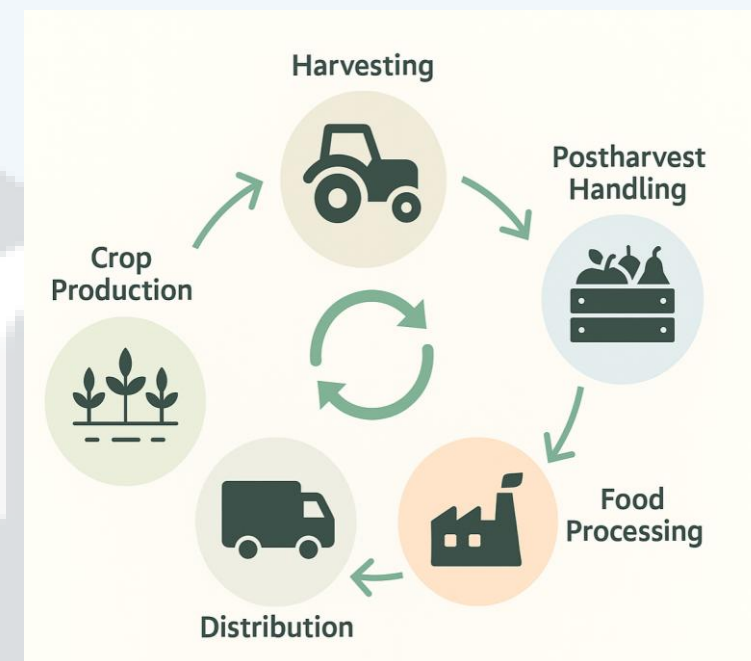
Targeted call: HORIZON-CL6-2026-02-FARM2FORK-13: Boosting plant health and reducing losses on farm and during storage for sustainable growth in Africa (FNSSA)

Main Objective

- Develop and validate a carbon-free, circular and scalable field-to-fork agrifood value chain for African regions, integrating sustainable production, safe postharvest handling, and local food transformation.

Concept

- Africa has large cultivable areas, yet **over 25% of the population remains food insecure** due to major **postharvest losses, contamination, and weak value chains**, rather than lack of land.
- Smallholders rely on **rudimentary harvesting, transport and storage**, leading to spoilage, microbial hazards and reduced marketability.
- The project aims to implement **context-adapted agrotechnologies** that improve hygiene, preservation, processing, and safe commercialization of foods in remote and vulnerable territories.



Profile we are seeking and why



Partners Needed

- **African partners** with experience in **local agrifood systems** and smallholder contexts.
- **Agricultural economics experts** to analyse **value chains, cost-effectiveness, and socioeconomic impact.**
- **Digital solutions specialists** for **sensor-based monitoring, traceability, storage optimisation, and low-energy technologies.**

INURA is well positioned to collaborate with partners working on:

- **Postharvest management and food preservation**, including sustainable **cooling, packaging, drying, and sensor-based monitoring.**
- **Natural antimicrobial solutions** as alternatives to **chemical pesticides.**
- **Safe food transformation technologies**, such as fermentation, canning, and ready-to-eat products adapted to local contexts.
- **Nutrition, microbiology, shelf-life and sensory evaluation** to ensure **market-ready and sustainable** food products.
- **Value-chain strengthening** in low-resource settings, especially for **smallholder farmers.**

Why INURA is a strong match

- We address key drivers of food insecurity: **postharvest losses, contamination, weak value chains.**
- We develop **context-adapted, sustainable technologies** for **pre/postharvest handling, safe storage, and food transformation.**
- Our approach delivers **scalable, low-impact solutions** that **strengthen local value chains** and improve **food safety.**

CONTACT DETAILS



**THANK YOU
FOR YOUR ATTENTION**

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