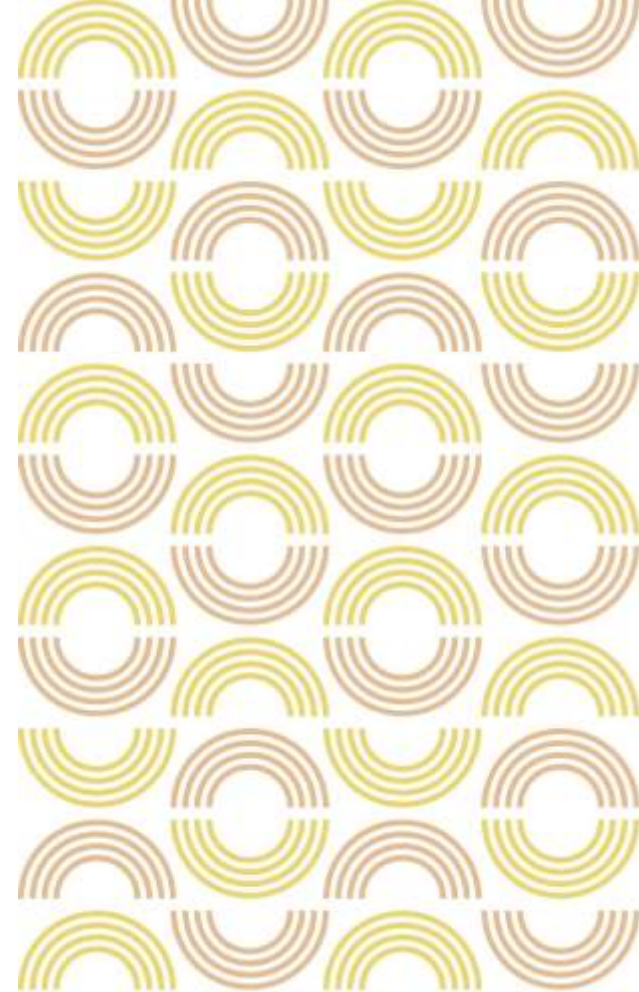




Horizon Europe Brokerage Event
Cluster 6 Calls 2026
Brussels, 21 January 2026



HORIZON-CL6-2026-02- FARM2FORK-14: Green Transition Food Processing Africa

Yosr Sbais

ISSTE/Carthage University



This project has received funding from the European Union's Horizon Europe research and innovation programme, under Grant Agreement No 101059839

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.

Topic(s) addressed:

- **HORIZON-CL6-2026-FARM2FORK-01-12: Green and circular food processing solutions for sustainable African agri-food systems**

Project idea

- **Background / concept**

Africa faces persistent food system constraints driven by post-harvest losses, limited processing efficiency, weak traceability, and low circularity. The project proposes **TRACE4GREEN**, an integrated approach that combines green food processing, circular valorization, and digital traceability to strengthen sustainability and resilience across key African value chains.



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Objectives

- Deploy low-energy and green processing methods for selected chains such as millets, cassava, legumes, cocoa, fisheries, and fruits
- Implement digital traceability through sensors, AI, and blockchain to enhance food safety and transparency
- Reduce post-harvest losses through improved preservation and storage solutions
- Valorize side streams into new bio-based products and sustainable packaging
- Strengthen skills, technology transfer, and long-term Africa–EU–Canada cooperation

Core consortium : Africa: Senegal (USSEIN), Kenya (University of Nairobi, ICIPE), Tanzania (SUA), Tunisia (ISSTE, INSAT, CNSTN, INAT)Europe: University of Lille, CIRAD, University of SassariCanada: Université Laval, Merinov

Main expertise offered / sought

- **Main expertise offered / sought**

- **Offered:**

- Green and low-energy food processing, circular economy solutions, valorization of co-products from food and marine industries.
- Digital traceability, AI-based quality monitoring, and sustainable packaging solutions.
- Project management of multi-country international R&I projects, capacity building, and entrepreneurship support.

- **Sought:**

- Partners with complementary expertise in renewable energy integration, biotechnology applications, high-tech traceability, and African agro-food value chain development.

Expertise possessed by your organisation / profile

Academic expertise: Assistant Professor in Management at Higher Institute of Environmental Sciences and Technology of Borj Cédria (ISSTE), University of Carthage.

R&I experience:

- Project Manager of RESMYLE (2019–2023), EU ENICBCMED project on youth professional integration and sustainable development.
- Member of Tunisia-Quebec Collaboration Program (2023–2026) on eco-circular approaches for marine co-products.
- Partner in INTEGRMED (2025–2028), supporting green and digital transition in SMEs.

Horizon Europe experience: Developing proposal for HORIZON-CL6-2026-02-FARM2FORK-14, focusing on sustainable African food processing, circular valorization, and digital traceability.

Project management certified: PMP, ISO 21001 Lead Auditor, Green Belt/Black Belt in Lean Six Sigma, Scrum Master, Agile Coach.

Career and entrepreneurship development: Director of 4C Career Center, PEEC project referent, mentorship of student start-ups in sustainable food and bio-based projects.

Involvement in previous / ongoing projects

- European Union and Horizon Europe projects in food, marine co-products, and circular economy.
- Bio-Pack4Food and IDRC-CRDI projects on bio-based packaging and sustainable aquaculture.
- Collaboration with international partners: University Laval, MERINOV, CIRAD, INAF, ESIAT.
- Participation in international workshops and conferences (Canada, Quebec, BENEFIQ 2023).

Requirements for additional partner(s)

- Expertise in:
 - Biotechnology for co-product valorization and preservation.
 - Renewable energy for low-energy food processing.
 - AI-based digital traceability and quality control systems.
 - Local market development, SME integration, and entrepreneurship training in African contexts.

- **Research Interests**

Corporate Social Responsibility, Corporate Governance, Strategic Management, Green Management, Circular Economy, Climate Change.

Contact details

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