

SAVE THE DATE



Towards the **EU FOOD SAFETY FORUM**
The new sustainability regulation: how to integrate it
into food safety?

15th December 2022

h. 09:30 - 13:00 CET



Copa - Cogeca | European Farmers European Agri-Cooperatives
Room A 61, Rue de Trèves
Brussels



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www.foodsafety4.eu





«HOLI FOOD»: Holistic approach for tackling food systems risks in a changing global environment



(1 October 2022 – 30 September 2026)

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**holi
food**

HOLiFOOD (objectives, scope and approach)

Objective: HOLiFOOD aims to improve the **integrated food safety risk analysis (RA) framework** in Europe to:

- i) Meet future challenges arising from Green Deal policy driven transitions in particular in relation to climate driven changes;
- ii) Contribute to the UN's Sustainable Development Goals;
- iii) Support the realization of a truly secure and sustainable food production.

Scope/approach: The EU-funded HOLiFOOD project will:

- Design and test a new and improved **integrated food safety risk analysis framework**.
- Consider the whole environment in which food is produced, focusing on **three supply chains** (maize, lentils and chicken).
- Use a systems approach, with Artificial Intelligence and Big data technologies, to develop **early warning and emerging risks prediction system for food safety hazards**.
- Application of codesign and citizen science, to integrate knowledge exchange through all activities (incl. Living Lab

Main outputs

1. **New methods for Early Warning and Emerging Risk Prediction (applying AI and Big data technologies)**
2. **Targeted and untargeted methods for detecting existing and emerging hazards (microbiological & chemical)**
3. **Holistic risk assessment for regulation**
4. **Data and knowledge sharing infrastructures**

Key actions on the project supporting the future sustainability framework

- **Various aspects of the Food Safety Risk Analysis framework will be improved by HOLiFOOD research**
- **HOLiFOOD will develop a holistic risk assessment framework (using the co-creation process)**

HOLiFOOD's priorities in the EU Food Safety Forum 2023

- **Emerging risks system and decision making**
- **Integrated EU data and knowledge exchange platforms**
- **Long-term anticipation and prevention of food safety issues**
- **Scalable ERI system to other food supply chains**
- **Holistic risk assessment**
- **New and innovative early (un) targeted detection and monitoring methods for emerging risks**
- **Reducing food safety risks**
- **Increased administration's expertise and capacity**
- **Improved regulation and regulatory science**



THANK TO ALL



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