



FOODSAFER

•EVERYBODY'S BUSINESS•

FoodSafeR is a 4-year Horizon Europe funded research project that started in October 2022.

The project aims to design, develop, and test the building blocks of an innovative proactive and holistic food safety warning and management system, which focuses on emerging of food safety hazards and associated risks.

FoodSafeR embodies integrated approaches to hazard characterisation and risk management in a comprehensive suite of future-oriented case studies, tools, methods, strategies, models, guidance, and training materials.

These resources are being made available in the **FoodSafeR** Open Digital Hub, a one-stop-shop platform uniting a community of professionals from the European and international food safety system.



This Project has Received funding from the European Union's Horizon Europe Research and Innovation Programme Under Grant Agreement No. 101060698



Living Lab 1.

Cocreating the Open Digital Hub with the FoodSafeR Advisory Board

Living Lab 1 was held in Barcelona on 27th & 28th April 2023. It united the Work Package Leaders of FoodSafeR consortium with the members of the International Advisory Board. Over the course of a two-day hybrid Living Lab, two core working sessions were held.



Highlights from Working Session 1

- The need for worldwide monitoring of emerging risks is underlined, with the COVID-19 pandemic serving as a critical example of how quickly local issues can become global.
- The importance of passive monitoring, stakeholder engagement, and international collaboration in identifying and managing food safety risks.
- The need for the integration of external data sources and digital platforms for a comprehensive approach to food safety.
- Interest in connecting FoodSafeR's Open Digital Hub with existing data sources, platforms, and international networks to enhance food safety knowledge and risk management practices.

Working Session I: International perspectives on the status of current and emerging food safety and security hazards, with a focus on microbiological and chemical risks, from across Europe, USA, China, Africa (Nigeria and Kenya), Thailand, Singapore, Canada, and the different regions worldwide from representatives of the following organisations:

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| • European Food Safety Authority | • National Research Council of Italy | • Singapore Food Agency |
| • European Commission | • Czech University of Life Sciences | • International Joint Research Center on Food Security (Thailand) |
| • DG Health | • Test Aankoop Belgium | • Babcock University (Nigeria) |
| • Codex Alimentarius Commission | • USDA | • University of Nairobi (Kenya) |
| • WHO | • FDA | • Academy of National Food and Strategic Reserves Administration (China) |
| • FAO | • Michigan State University | |
| • Federal Agency for the Safety of the Food Chain (Belgium) | • Agriculture and Agri-Food Canada | |
| | • Health Canada | |



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The Team

The FoodSafeR consortium of 19 leading academic, research and industry organisations from across Europe, is led by FFoQSI.

FFoQSI is the Austrian Competence Centre for Food and Food Quality, Safety and Innovation. It is a multidisciplinary joint research hub that encompasses scientific, national and international business partners food safety authorities and stakeholders, technology SMEs and startups from the food system.

The FoodSafeR Advisory Board of 25 leading stakeholders from the food safety field gives us a global reach.



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Defining the 'Minimum Viable Product' of the FoodSafeR Open Digital Hub

Working Session II: Defining the MVP of the FoodSafeR Open Digital Hub

This working session reviewed and iterated on the first designs of the Open Digital Hub focussing on the first use cases, user requirements and desired user experience.

It was a unique opportunity for the FoodSafeR Digital team at IRIS Technology Solutions to consult the user requirements, specifications, and requests for the Open Digital Hub with the food safety and risk experts from within the Consortium and the Advisory Board.

This process enabled the delivery of a mock-up of the core functionality and features of the Hub for its future verification, modification and extension in the second living lab (LL2).



Driven by professionals.

Evidence-based.

Moderated by the scientific community.



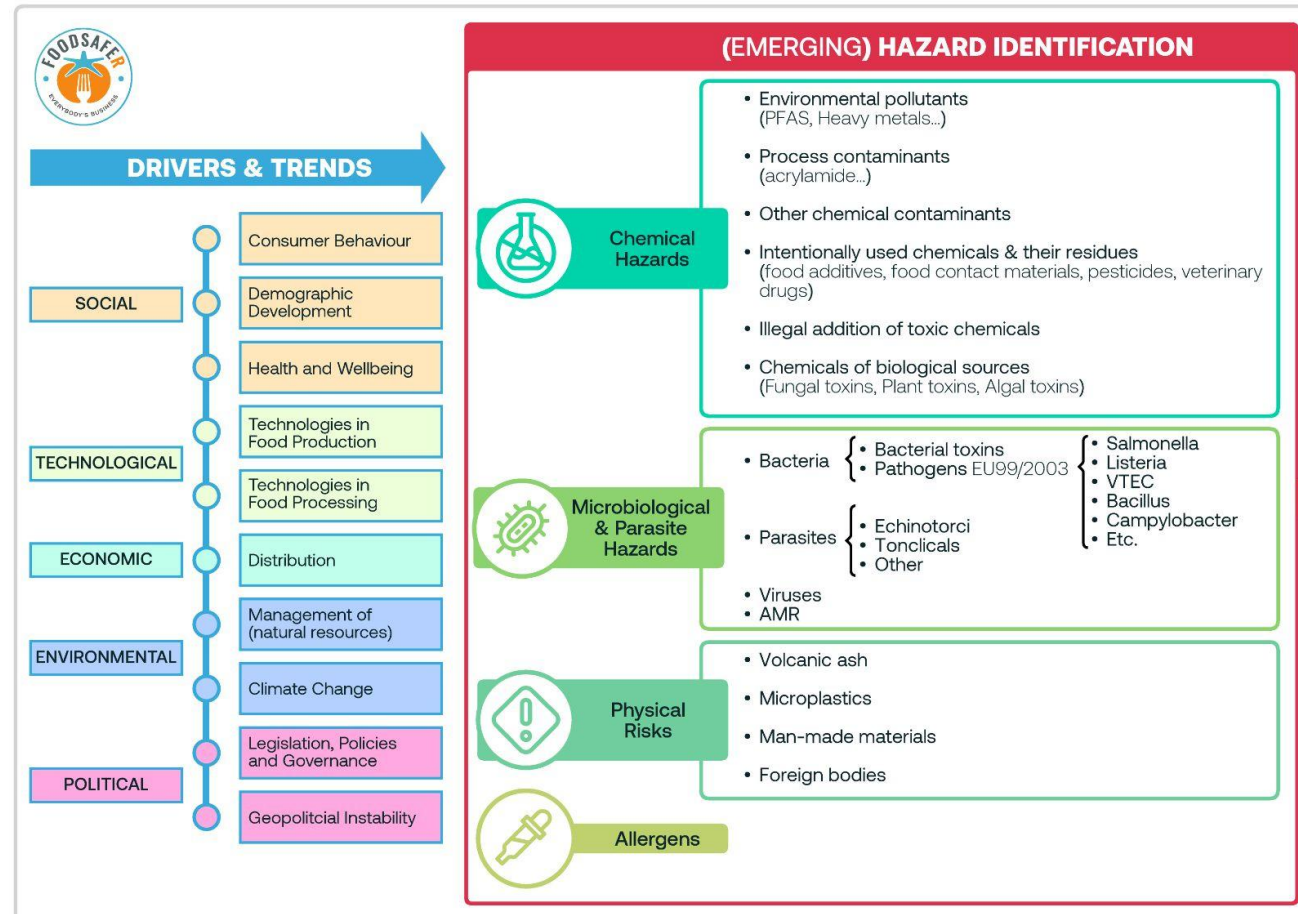
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CoCreation for User Centric design and building end-user and stakeholder 'buy-in'.

Working Session III: Defining a scalable framework for underpinning the digitalisation of the European food safety system.

The team worked on the mapping the core drivers and trends affecting (emerging) hazard identification. This will underpin a scalable framework for which information, tools, data, alerts will be built up and easily navigable for users.



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