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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.
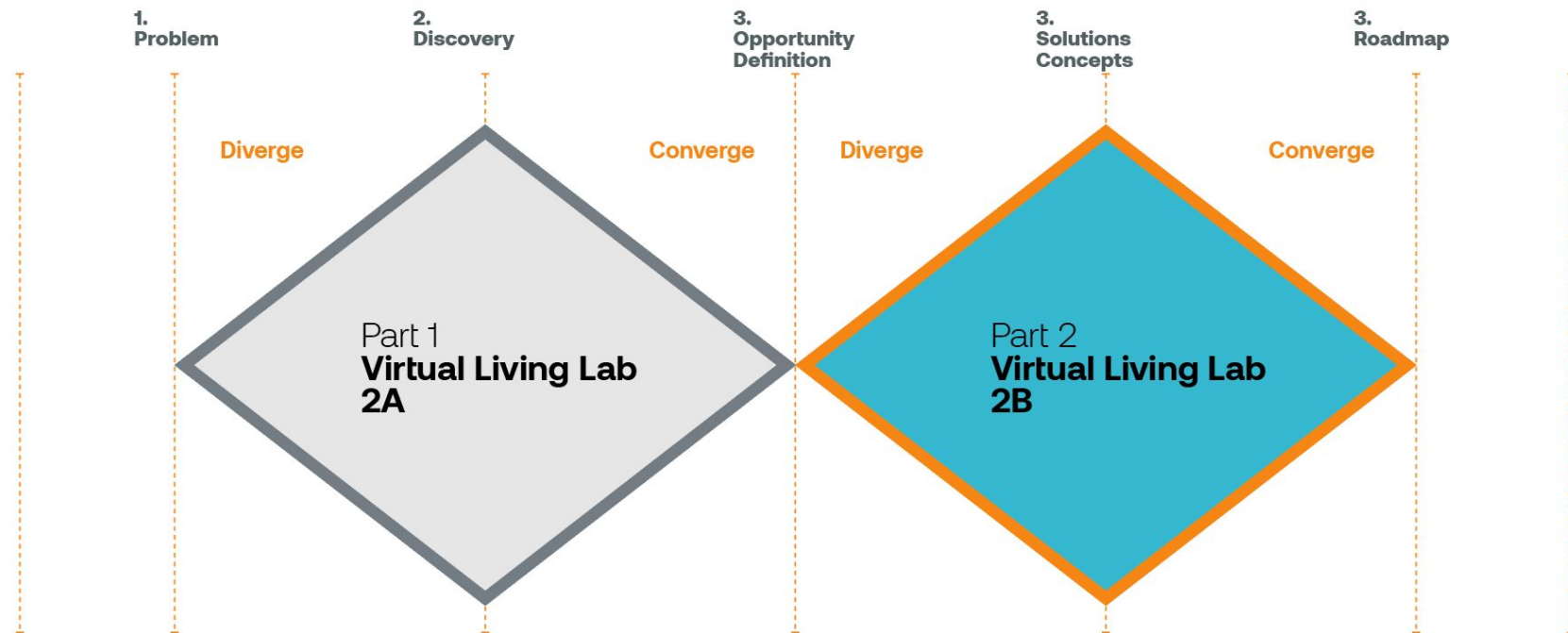
Living Lab 2 was hosted in October and November 2023 by the FSAI in Dublin, Ireland in collaboration with Accenture The Dock and supported by AGES (Austrian Food Safety Authority), IRIS Technology Solutions (Spain) and FOODREGSCI Europe.

The purpose of **Living Lab 2** was to gain a wide range of ideas from the perspective of food safety professionals in EU and international government bodies on the functionality and content that would drive wide and sustained adoption by users of the Open Digital Hub as an everyday tool.

Living Lab 2 consisted of a 2-part design thinking approach.

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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.

Living Lab 2A (LL2A) was a 2-hour virtual design thinking session held on 17th Oct. 2023 with 36 participants from across 13 different food safety agencies across the FoodSafeR network.

The primary objective was to understand the roles, the priorities and the problems that exist for the food safety experts when it comes to emerging food risk, and to begin ideating on how an Open Digital Hub might address or solve those problems and opportunities.

The MVP defined from **Living Lab 1 (LL1)** was presented to the LL2 participants as a starting point for discussions. This virtual session was facilitated by Accenture at the Dock, Dublin.

The process culminated in each of the 6 teams framing their ideation in terms of a Value Proposition Statement (simple summary outlining the problem to be solved, and the benefits to be realised through the Open Digital Hub).

The feedback and insights gathered from **LL2A** and the Value Prop Statements generated would be used to inform key themes, that would act as a starting point for Living Lab 2B.

Team 1
Creation of a **Risk Assessment Knowledge Management Network**, available for risk assessors and FBO's. Leverages experts collaboration and uses multi-language translation. Enables global learning, faster and more comprehensive risk assessments

Team 2
An initiative designated to **optimise data sharing** between all users of the Open Digital Hub. Enables efficient communication and opinion sharing, necessary for the success of the platform

Team 3
Solution ensuring compliance to GDPR regulations by design of the platform when is necessary when overseeing aspects of collaboration. Solution would require data lineages, decision trees and data sharing agreements between users.

Team 4
Mapping of different risk assessment / identification / management initiatives per National and Regional agencies to identify differences and harmonize and optimize approach to signaling.

Team 5
Solution aiming to **navigate large amounts of data and identify risks in isolation**. This can be by leveraging existing tools an AI pattern recognition and others to achieve a filter mechanism. This would improve accuracy, time and proof of principle for users.

Team 6
Creation of a filtering database tool to enhance open-source data, collaboration and risks and hazards prediction. The solution would be moderated by areas specific experts.
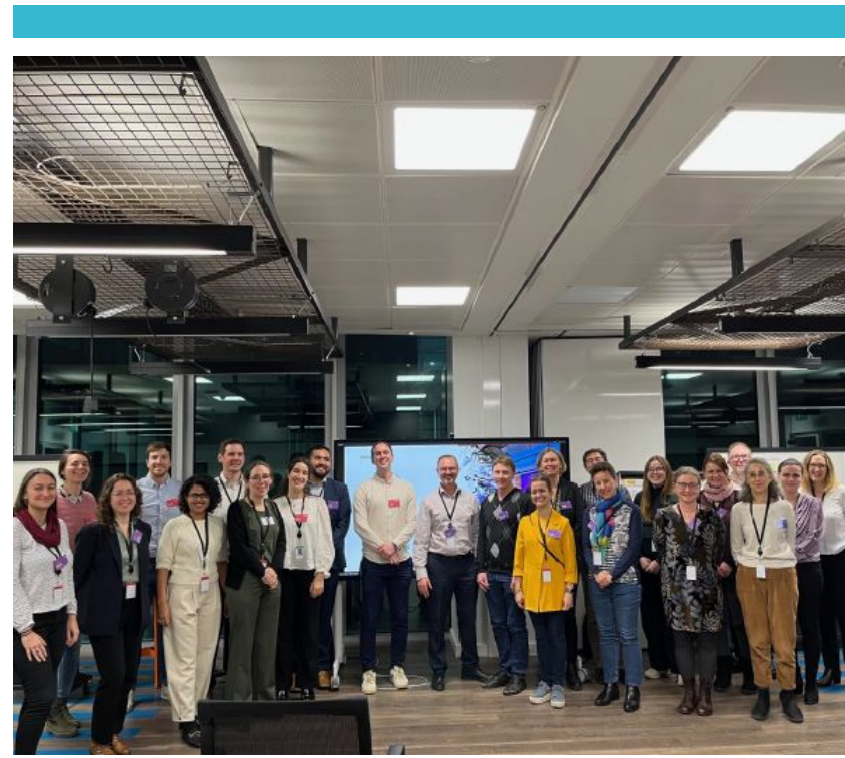
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Developing new valuable solution concepts for the Open Digital Hub that address the key user needs

Living Lab 2B was an in-person design thinking session held in Accenture The Dock offices in Dublin over two days (23rd & 24th Nov 2023) where a group of 16 participants from LL2A participants engaged in two sessions built around the research themes and innovation opportunities informed from Living Lab 2A.

The objective of LL2B was to build on the research and ideation from LL2A, and to develop new valuable solution concepts for the Open Digital Hub, that address the key user needs. The session also explored the factors that will influence user adoption, and an assessment of the feasibility and data landscape for the solution concepts, to help inform the future roadmap of the Open Digital Hub.

With emerging risks, there is often very limited information, but given the size of the EU, there are likely multiple signals of an emerging risks at various levels and to capture these signals from the 'jigsaw' the picture (scale, severity) may become clearer at an earlier opportunity

"Nobody here can do everything, but everybody here can do something."

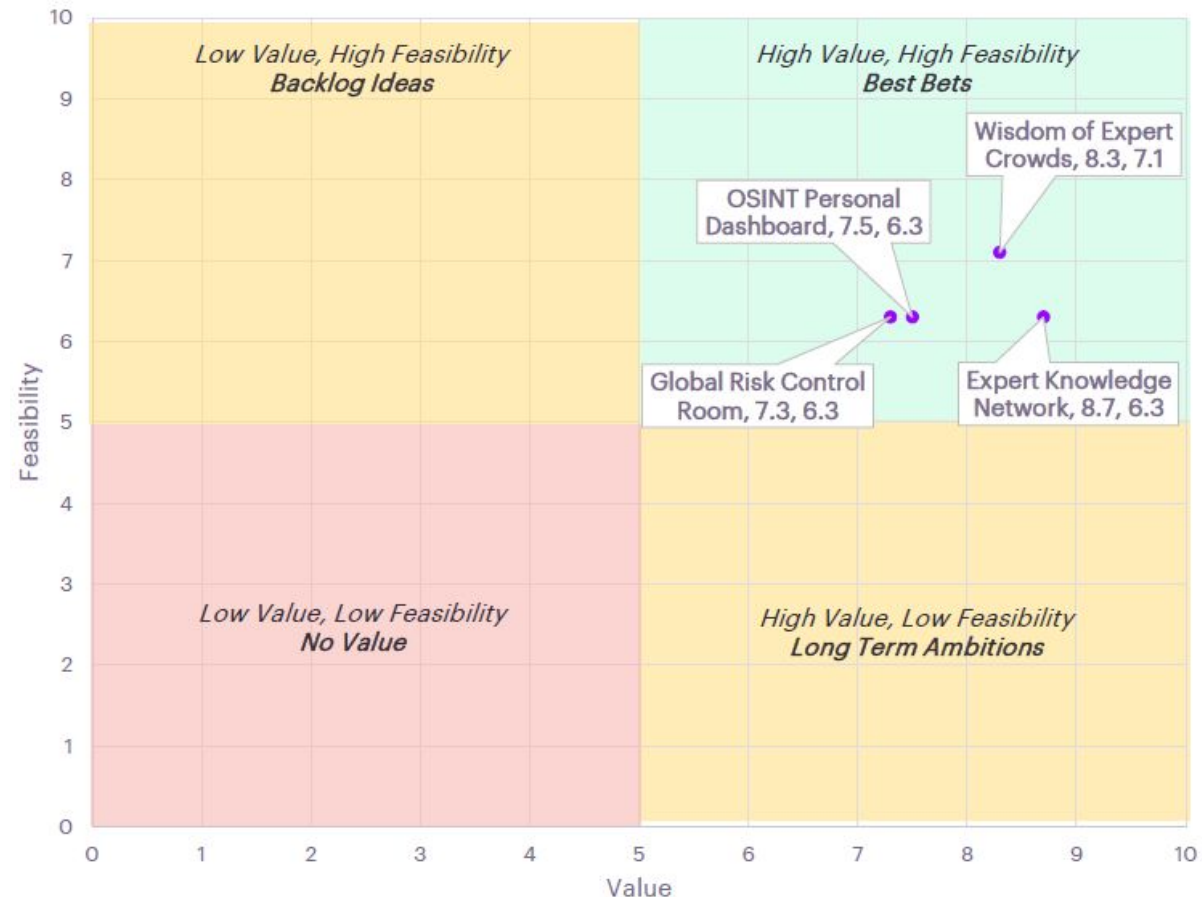Participant FoodSafeR Living Lab 2, Dublin, November 2023

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Value x Feasibility

Low Value, High Feasibility
Backlog Ideas

High Value, High Feasibility
Best Bets

Wisdom of Expert Crowds, 8.3, 7.1

OSINT Personal Dashboard, 7.5, 6.3

Global Risk Control Room, 7.3, 6.3

Expert Knowledge Network, 8.7, 6.3

Low Value, Low Feasibility
No Value

High Value, Low Feasibility
Long Term Ambitions

Feasibility

Value