



# Future Food Systems Safety and Innovation Training Course

16 – 20 August 2027  
London

## Future Food Systems Safety and Innovation Training Course

**Ref:** 1335\_198638 **Date:** 16 – 20 August 2027 **Location:** London **Fees:** 5700 Euro

### Overview

Future Food Systems Safety and Innovation Training Course is a one-week advanced course for food safety leaders, innovation managers, product development teams, quality personnel, and food-system professionals who leave with a Future Food Safety Governance Portfolio. Participants connect food safety foresight, novel foods safety assessment, emerging food technologies, digital food traceability, predictive food safety risk, rapid development controls, supply-chain innovation, consumer transparency, and scenario planning. Agile Leaders Training Center presents future food systems safety as an anticipatory governance discipline.

### Who Should Attend

- Functions responsible for food safety strategy and emerging-hazard governance
- Teams responsible for novel ingredient and alternative-protein development
- Personnel responsible for quality assurance and product-release evidence
- Functions responsible for supply-chain traceability and data integrity
- Leaders responsible for consumer transparency and innovation decisions

The course assumes participants already manage food safety, quality, product development, innovation, or supply-chain controls, and it leaves out introductory hygiene, certification preparation, and product approval.

### Departments and Industries

The course supports departments and industries that govern safety while food products and production systems change.

- Food safety, quality assurance, and regulatory-affairs functions
- Research, product development, and innovation departments
- Food manufacturing, ingredient, and alternative-protein enterprises
- Retail, hospitality, logistics, and cold-chain operations
- Agribusiness, technology, and traceability solution teams

### Learning Objectives

By the end of this course, participants will be able to:



- Analyze drivers that reshape food safety risk
- Apply safety-by-design to novel products and processes
- Evaluate digital traceability and predictive risk evidence
- Build governance controls for rapid product development
- Prioritize transparent responses to emerging hazards
- Create a future food safety scenario portfolio

## **Course Agenda**

### **Day 1: Food Safety Foresight**

- Food Safety Foresight Driver Map
- One Health Emerging-Hazard Lens
- Future Food-System Scenario Matrix
- Weak-Signal Monitoring Register
- Food Safety Horizon-Scanning Method

### **Day 2: Novel Products and Processes**

- Novel Ingredient Process-Flow Map
- Alternative-Protein Hazard Identification Canvas
- Precision Fermentation Input-Control Review
- Safety-by-Design Decision Gate
- Emerging Technology Evidence Checklist

### **Day 3: Digital and Predictive Controls**

- Digital Food Traceability Architecture
- Critical Tracking Event Data Map
- Predictive Food Safety Risk Model
- Sensor Data Integrity Assessment
- Traceability Exception Decision Tree

### **Day 4: Innovation Governance**

- Rapid Product Development Control Plan
- Supply-Chain Innovation Risk Register
- Regulatory Preparedness Evidence File
- Consumer Transparency Communication Matrix
- Cross-Functional Innovation Governance Board



## **Day 5: Future Food Safety Practice**

- Exercise: Foresight Signal Prioritization
- Exercise: Novel Product Safety Case Review
- Exercise: Digital Traceability Failure Diagnosis
- Exercise: Innovation Governance Decision Simulation
- Capstone Exercise: Future Food Safety Governance Portfolio

## **Practical Exercises**

The course uses suggested activities drawn from food manufacturing, alternative proteins, retail, and technology-enabled supply chains.

- Suggested activity: convert climate, technology, consumer, and supply-chain signals into an emerging-risk horizon map.
- Suggested activity: build a safety case for a novel ingredient by tracing inputs, processing steps, hazards, evidence, and decision gates.
- Suggested activity: diagnose a digital traceability breakdown using event data, ownership, exception rules, and escalation paths.
- Suggested activity: assemble a governance portfolio linking scenarios, risk controls, transparency choices, and accountable decisions.

## **FAQs**

### **What is future food systems safety?**

Future food systems safety is the discipline of anticipating how new foods, technologies, environmental pressures, consumer behavior, and supply networks change hazards, evidence needs, controls, and governance decisions.

### **Who suits future food systems safety training, and what does it assume?**

Future food systems safety training suits experienced food safety, quality, innovation, product development, and supply-chain personnel who already make or support risk decisions.

### **How does future food systems safety training differ from basic food hygiene training?**

Future food systems safety training addresses emerging products, technologies, traceability, predictive evidence, and governance, while basic food hygiene training concentrates on established handling and sanitation practices.



## **How can food safety foresight support innovation decisions?**

Food safety foresight supports innovation decisions by linking weak signals and plausible scenarios to hazards, evidence gaps, control choices, ownership, and review triggers before risks become operational failures.

## **Conclusion**

The course integrates foresight, novel-product assessment, digital controls, predictive evidence, innovation governance, and consumer transparency. Participants take back a Future Food Safety Governance Portfolio containing maps, registers, checklists, decision gates, scenarios, and communication tools. The portfolio changes how their organizations anticipate risk and govern innovation across evolving food systems.