# Future Food Systems Safety and Innovation Training Course

29 March – 2 April 2027
Addis Ababa

AGILE LEADERS
Training Center

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**Ref:** 1335_224498 **Date:** 29 March – 2 April 2027 **Location:** Addis Ababa **Fees:** 4500 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.