



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

**CODEX**  
**ALIMENTARIUS**  
INTERNATIONAL FOOD STANDARDS



Friday

**29 November 2024**

11:30-12:30 CET

# Food safety in a circular economy

🗨 Languages:  
English

CICG, Amphithéâtre D - Geneva, Switzerland

**CAC47 Side Event**

**CAC47**

## Background and objectives

Circular economy is a cornerstone to agrifood systems transformation to guarantee a safe future for all, with adequate food produced within planetary boundaries. While circular solutions offer promising sustainability benefits, they can also introduce certain food safety concerns, such as risks posed by microbiological, chemical and physical hazards and antimicrobial resistance.

The FAO report, [Food safety in a circular economy](#), provides an analysis of current and emerging evidence on food safety risks in circular food production systems. The report examines in depth the four major dimensions of concern – water scarcity, food loss and waste, food packaging waste, and land use efficiency. Food safety policies and principles must be adapted to the unique characteristics of circular agrifood systems. Ensuring food safety requires a collective effort across all levels of the food supply chain, from producers to consumers and regulators. Each stakeholder has a critical role to play in safeguarding food safety as we move towards more sustainable agrifood systems.

The aim of the side event is to share the findings of the FAO work and stimulate discussion on this topic by learning from experiences at national level.

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11:30-11:35 Opening remarks

11:35-11:50 Presentation of the *Food safety in a circular economy* report

11:50-12:05 Panel discussion

12:05-12:25 Q&A

12:25-12:30 Closing

**Presenter:**

Markus Lipp, FAO

Vittorio Fattori, FAO

Alexandra Ferraro, United States of America Department of Agriculture

Fan Yongxiang, China National Center for Food Safety Risk Assessment

Moderator: Ki Jung Min, FAO

Vittorio Fattori, FAO

## Resources

- [Food safety in a circular economy](#)
- [FAO food safety foresight](#)