



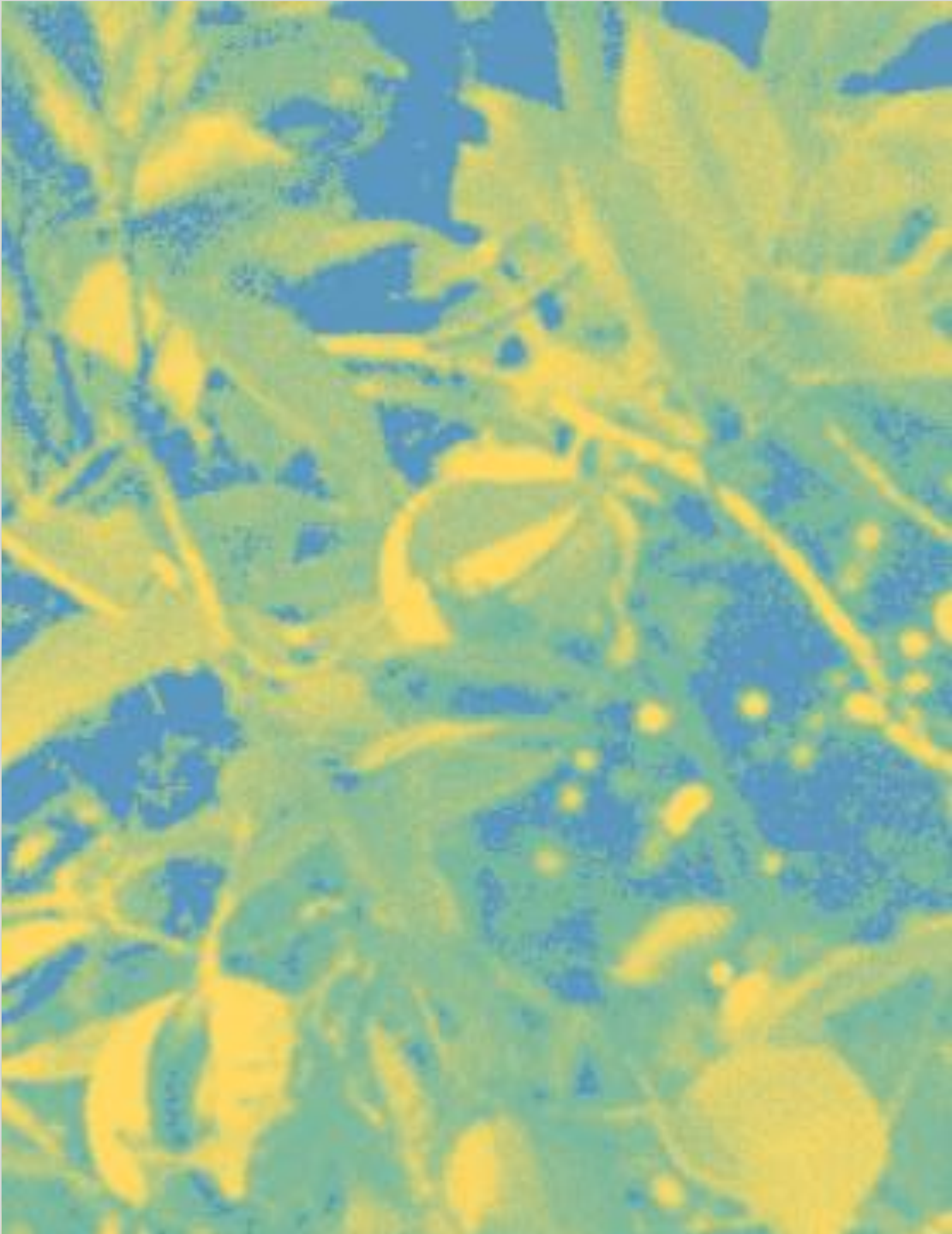
Food and Agriculture  
Organization of the  
United Nations



EBRD and FAO Investment Centre's e-dialogue

Practical Implementations of Circular Economy in Olive Farming

15 December 2025



# **CONTENTS**

- Introduction
- Panel discussion on practical sustainability approaches in olive cultivation
- Q&A and closing remarks

# FAO/EBRD AGENDA

- 09:30 09:40      Opening remarks and objectives, Ms Lisa Paglietti, Economist FAO Investment Centre
- 09:40–10.50      Panel discussion on practical sustainability approaches in olive cultivation moderated by Dr Talls  
Mr Eriş Çelikel (Türkiye) Experience with green manure, reduced tillage, and pomace use as a  
soil improver  
Mr Masturzo (Italy) Experience in pomace valorization from the perspective of a family business  
with its own mill  
Mr Monini (Italy) Presenting a sustainability project developed in collaboration with suppliers  
Mr Taha Jawadi (Tunisia) Experience with combining traditional and intensive systems  
Ms Afet Ben Hamouda (Tunisia) Experience in Integrating conservation agriculture and  
intercropping in olive groves, as well as processing and marketing olive oil
- 10.50-11.30      Q&A and Closing remarks

# FAO/EBRD introduction

- Improving the Sustainability of Olive Oil Cultivation
- An E-dialogue for a Green Transition
- A joint initiative under the FAO-EBRD "ACES: Green transition of key global agrifood chains" programme.

# Introduction **Challenge and Opportunity**

## **The Challenge:**

- The olive oil sector, a cornerstone of Mediterranean economies, yet the sustainability of its entire value chain — from farm to table — is increasingly challenged by climate change, water scarcity, intensive tillage, declining soil organic carbon (SOC) and soil degradation, and demand for greener production.
- Soil erosion has now become a full value-chain issue, affecting yields, oil quality, and the land–water–energy nexus.

## **The Opportunity:**

- Circular Economy (CE) principles offer a powerful framework for transforming on-farm practices and centers on closed-loop systems that enhance soil health, reduce external inputs, and improve resilience.
- Through a circular economy approach, these by-products can be transformed from a liability into a strategic opportunity for value creation and innovation

# Introduction **Challenge and Opportunity**

- Environmental benefits include higher SOC, better water retention, reduced fertilizer and irrigation needs, and greater climate resilience.
- Economically, these practices lower input costs, stabilize yields, and preserve productive potential on sloping or marginal lands

However, the transition from theory to practice presents operational challenges.

Farmers and cooperative managers need real-world, scalable, and cost-effective solutions.

# Introduction Environmental and economic sustainability

The successful adoption of circular farming relies on **linking Sustainability and Profitability**

- The goal is to identify solution that reduce environmental impact while creating new revenue streams and strengthening sector resilience.
- For wide adoption, solutions must be practical, scalable solutions compatible with existing farm equipment and mindful of constraints such as water competition in rainfed groves.
- Clear measurement of benefits, providing farmers with region-specific guidance and evidence of impact.
- Strong alliances among cooperatives, researchers, and policymakers to overcome technical and financial barriers.



## **Panel discussion on practical sustainability approaches in olive cultivation**

Moderated by Dr Peter Talks, Agricultural Policy and Institution Specialist



# SPEAKERS

- **Mr Eriş Çelikel (Türkiye)** Experience with green manure, reduced tillage, and pomace use as a soil improver
- **Mr Masturzo (Italy)** Experience in pomace valorization from the perspective of a family business with its own mill
- **Ms Giulia Gervasi Monini (Italy)** Presenting a sustainability project developed in collaboration with suppliers
- **Mr Taha Jawadi (Tunisia)** Experience with combining traditional and intensive systems
- **Ms Afet Ben Hamouda (Tunisia)** Experience in Integrating conservation agriculture and intercropping in olive groves, as well as processing and marketing olive oil

# Q&A



THANK YOU