



Horizon Europe Brokerage Event
Cluster 6 Calls 2025

Warsaw , 27 May 2025

**Comparative Agro -Morphological, Genetic,
and Chemical Characterization of Traditional
Olive Cultivars Across the Mediterranean
Basin**

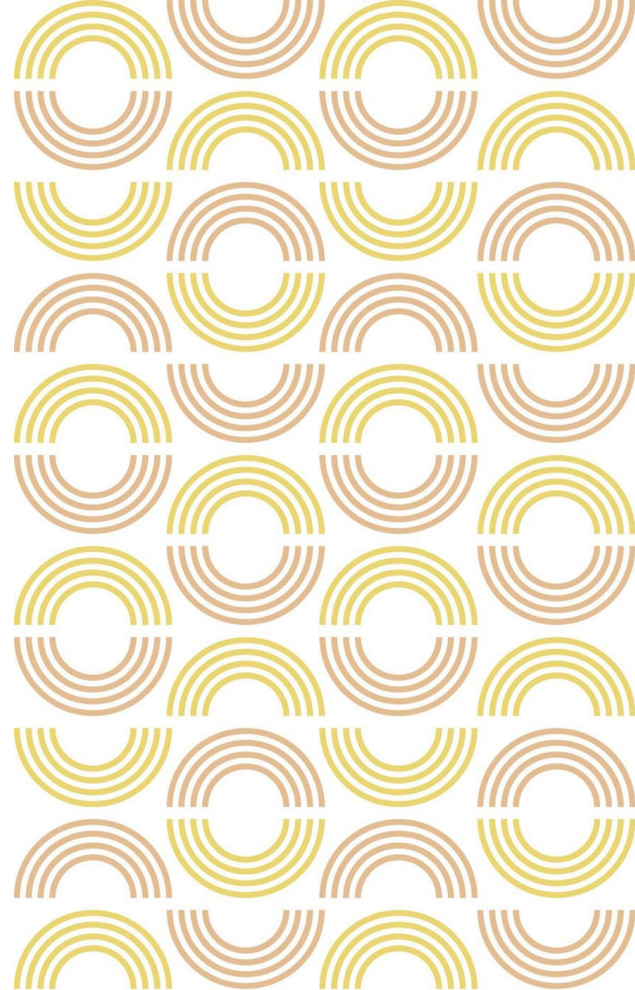
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Main Objectives:

1. **Characterize and compare** the agro-morphological traits of key olive cultivars from different Mediterranean regions.
2. **Analyze genetic diversity** using molecular markers to assess relationships among cultivars.
3. **Evaluate olive oil quality** (chemical composition and sensory attributes) across cultivars and locations.
4. **Assess adaptability** to different environmental conditions (soil, climate, disease resistance).
5. **Document traditional knowledge** and cultural significance associated with each cultivar.

Project Idea:

This project aims to conduct a comprehensive comparative study of selected traditional olive cultivars from different Mediterranean countries. The focus will be on understanding their **morphological traits** , **genetic diversity** , **adaptability to climate and soil conditions** , and **olive oil quality parameters** . By integrating field data, laboratory analyses, and historical context, the study will provide insights into the **suitability of each cultivar** under varying agro-climatic conditions, promote **conservation of genetic resources** , and support **informed selection for sustainable olive production** .

Main Expertise:

- Keen in comparative studies about the olive cultivars in the Med;
- Carried out EAFRD project about the Bidni Cultivar;
- Our Role will be as a Partner;
- Expertise sought: Pomology / Horticulture (Olive Specialist), Plant Genetics / Genomics, Plant Pathology / Entomology, GIS / Remote Sensing

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