



GEN4OLIVE

WHY GEN4OLIVE?

- Climate change and emerging diseases threaten olive production.
- Only 5% of Olive varieties are being exploited.
- The other 95 % remains unexploited and are only preserved in Germplasm Banks.

The real genetic erosion lies here!

MAIN GOALS:

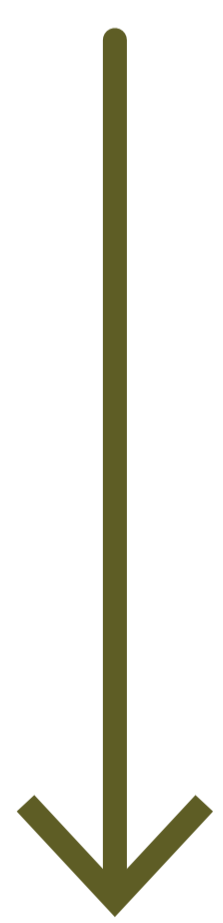
- To enhance the knowledge on olive varieties in the Mediterranean basin.
- To accelerate the mobilisation of olive genetic resources.
- To foster pre-breeding activities.
- To develop a cooperation environment in the olive sector.

PAVING THE WAY AND COORDINATION:

Methodological Framework

- Development of harmonised protocols.
- Detecting and collecting end-used needs.
- Data collection and analysis.
- Clustering with other projects, initiatives.

(WP1)



PROVIDING SOLUTIONS TO THE CHALLENGES:

Solutions based on olive GenRes exploitation for:

- Resilience to climate change effects.
- Resilience to pest and diseases.
- High production.
- High quality.
- Excellent agronomic performance.



TOWARDS A DYNAMIC OLIVE BREEDING COMMUNITY:

Build a community of active players to make breeding programmes a tool in end-user business strategies:

- Co-creation and capacity building activities.
- Dissemination, Communication and Exploitation activities.

(WP8 - WP9)



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Working teams (WP2 - WP5) + Projects (calls) for SME involvement (WP7) + Smart Interface and apps (WP6).

EXPECTATIONS:

- To avoid biodiversity loss and genetic erosion.
- To enhance the preservation and use of genetic resources for the delivery of new varieties.
- To generate a sector that combines its efforts with a multidisciplinary aim.
- To accelerate the digital transformation in the sector.



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