

# PROJECT GO MYCOWINE

Innovation project for the use of mycorrhizal fungi in the production of high value wine in wineries of Castilla y León and La Rioja, in a scenario of climate change.

This innovative project aims to generate new biological tools that allow the double effect of achieving higher wine quality by enhancing biodiversity and generating greater resilience of soils and plants to climate change.

The overall objective of the project is to have a series of biological tools, including mycorrhizal fungi, to ensure the production of quality wine by enhancing biodiversity and generating greater resilience of soils and plants to climate change.

The specific objectives are::

- - Isolate mycorrhizal fungi and local bacteria to improve the quality of the grapes and consequently of the wine due to a greater complexity in the absorption of nutrients from the soil.
- Conserve and increase soil biodiversity.
- Increase the resilience of vineyards in a scenario of climate change.

To this end, several activities will be carried out

- Preparation of a practical manual on Sustainable Viticulture and/or Mycoviticulture.
- Physical-chemical and microbiological characterization of the soil in different vineyard plots.
- Isolation and purification of mycorrhizal fungi and local bacteria susceptible to generate a specific biofertilizer to improve wine quality.
- Creation of a Sustainable Management Seal for vineyard soils.
- Design and development of a training program for sustainable soil management.
- Register and protect own microorganisms as an improvement in the intangible assets of the project partners.

Results: Mycowine aims to offer innovative solutions to the wine industry and generate a long-term positive impact::

- - Improve wine quality, obtaining products of greater value and complexity.
- Enhance biodiversity in our vineyards, making the soil a more resilient and sustainable resource.
- Increase the competitiveness of Spanish wine in national and international markets.

PAGO DE CARRAOVEJAS  
FINCA Y BODEGA

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**BENEFICIARY:** Pago de Carraovejas SLU

## SUPPORT DETAILS:

- - Call: Grants for the implementation of R & D projects.
- - Organization: Instituto para la Competitividad Empresarial de Castilla y León, co-funded by the European Regional Development Fund - ERDF.
- - Budget:
  - Total: 216.437,30 €
- - Funding:
  - Total: 71.424,31 €

## DURATION::

- Start date: 11/06/2024
- Date of finalization: 30/09/2026

## WEB:

<https://mycowine.com/>

**PARTICIPANTES:** Asociación de la Industria Alimentaria de Castilla y León (Vitartis), Biotecnología Forestal Aplicada (IDForest), Bodega Pago de Carraovejas, Bodegas Bilbaínas, Bodega Matarromera, Bodegas Fariña, Real Sitio de la Ventosilla, Yllera Bodegas y Viños.

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**MYCOWINE**



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