

DECREASING ENVIRONMENTAL IMPACT THROUGH PRECISION AGRICULTURE

Reducing the impact on the environment and on health of grape production



EU IS THE LARGEST VINEYARD AREA IN THE WORLD

Vineyards can require lots of external inputs (water, pesticides and fertilizer) to reduce biotic and abiotic stressors and to ensure grape production.

WINEgROVER represents a solution based on Precision Agriculture System, which will allow:

- ✓ To monitor the vineyard throughout the whole vegetative cycle of the plants.
- ✓ To intervene in the phases of irrigation and application of pesticides and nutrients and optimizing the pesticides, fertilizers, water and fuel consumptions.

OBJECTIVES OF THE PROJECT

WINEgROVER will allow to reduce the use of pesticides, fertilizers, water, fuel consumption and also reducing CO2 emissions, ammonia, PM emissions and the risk of eutrophication.



VINEYARDS

Cantina Falesco is a winery and vineyard established in Montecchio (Umbria region).

Bodega Conrad is a winery and vineyard situated 4 kilometres from the town of Ronda.



PARTNERS

