



VITIGE OSS

VINEYARD INNOVATIVE TOOLS BASED ON THE INTEGRATION OF EARTH OBSERVATION SERVICES AND IN-FIELD SENSORS

A single entry-point solution for wine producers, aiming to boost vineyards' sustainability

The project is developing **innovative vineyard management solutions**, which integrate and improve existing solutions that couple satellite imagery with in-field sensors. This will increase the resolution and reliability of satellite information applied to the viticulture sector and specific wine-business operations.

VitiGEOSS uses European Open Earth Observation Services (EOS) for the improvement of agricultural business operations at an economic, environmental and local level.



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Weather & climate forecasting

Robust weather & climate forecasts to support decision making processes in the wine sector.



Phenological monitoring

Automated system to better plan and organise the whole vineyard management.



Crop status

Satellite imagery for optimising irrigation, sampling or selective harvesting.



Disease management

Forecasting the disease evolution to optimise the treatments and resources used.



Business & sustainability

Resource optimiser and planner service capable to improve the timing of field operations.

The goal of VitiGEOSS is to contribute to a responsible production of wine, minimising the use of chemicals and offering tools for better management and greater sustainability

Consortium



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