



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**, integrating and improving existing solutions coupling satellite imagery with in-field sensors to 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 agriculture business operations at an economic, environmental and local level.



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Weather & climate forecast

Robust weather & climate forecast for 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 plan best timing for field operations.

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

Consortium



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