



Plant nutrition



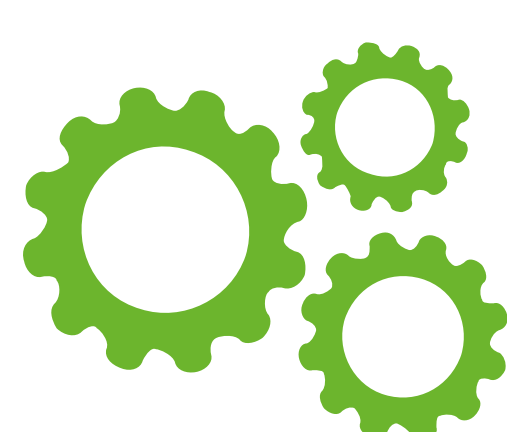
AGRI  
Innovation summit 2019



## Operational Group

### OFIVO: Optimization of Ferti-irrigation in the vineyard of Occitanie Region (France)

OFIVO : Optimisation de la ferti-irrigation sur les vignobles d'Occitanie



## Practical problem

Increase knowledge on vines ferti-irrigation to improve the profitability of South France wine farms



## Partners

Les Grands Chais de France, Producer and marketer  
– Val de Gascogne, Cooperative – Domaine Uby, wine growers – Domaine Pellehaut, wine growers



## Calendar

Start: 01/01/2019  
End: 01/01/2022



## Budget

Total amount:  
€204,000

## Objectives of the project

OFIVO will focus on identifying, evaluating and transferring new technologies that will lead to progress in the practice of Ferti-irrigation. Two main themes have been selected by the operational group: knowledge and control of the plant's water and fertilizer needs during its growing cycle to achieve the objective of production and the use of decision-support tools and new technologies to improve accuracy and reduce inputs.

## Main activities

OFIVO includes 3 complementary actions:

1. Preparation and consultation: French Institute for Vine and Wine (IFV) proposes technologies to wine-growers who decide which ones to test and which ones to set up to evaluate them.
2. Practical application and experimentation: technical and economic evaluation of the benefits of innovation.
3. Communication and Dissemination.

## Expected results

- Securing the annual production at the quantitative and qualitative level
- Optimization of water use according to its availability
- Limitation of fertilization inputs
- Competitiveness of exploitations due to a better control of yield factors, a better management of grape quality in relation with the market expectations
- An improvement in the longevity of the vine thanks to a better nutritional balance.

## Results so far/first lessons

Start in 2019

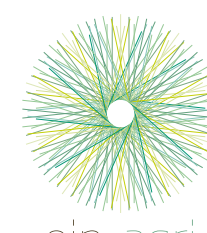
## Who will benefit

This operation group was built to respond to field problems encountered by winegrowers but with the originality and the will to associate the market dimension. Through this operation group, it is a question of having a global vision of the problems of a wine sector. The systems, tools and decision-making rules that will be implemented in OFIVO will have to respond to the expectations of all the actors in the wine industry. At the same time, thanks to its know-how, French Institute for Vine and Wine will ensure the dissemination of the results acquired by the PEI OG to the French wine sector.

Supported by:



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