What's REGAVID?

In the current conditions of climate change, even in temperate areas such as Galicia where there is a downward trend in rainfall, the development of a sustainable irrigation strategy that facilitates the efficient use of irrigation water is crucial.

REGAVID is an Operational Group that seeks to implement a tool that allows modeling the real water needs of the crop based on data from soil moisture sensors, weather stations and weather forecasts for the area and being able to predict water future requirements irrigation.

To whom is REGAVID aimed to?



Wineries and cooperatives



Regulatory Councils of Denomination of Origin



Manufacturers of machinery and technologies related to the sector



Private winegrowers



Public Administrations related to agriculture, the environment and/or rural development



Research centers and general public



Do you want to know more about REGAVID?

To learn more about the **REGAVID** pilot project, you can send an email to debora@monet-ti.com or Illoret@feuga.es or call us at +34 659 101 888 or **+34 681 042 375.**



















Irrigation management tool to assess vineyard current hydric needs and predicts future ones

Total budget: €180.000,00 Total grant: €180.000,00 Co-financing EU: 75% FEADER

REGAVID is financed by aid for the execution of operational groups of the European Innovation Association (AEI), 75% co-financed by the European Agricultural Fund for Rural Development (FEADER) within the framework of the Rural Development Program (PDR) of Galicia 2014-2020. Total budget €180,000.00 (100% subsidized). The Department of Rural Environment is the body of the Galician Administration which is responsible for proposing and executing the general guidelines in the rural area, and encompasses the competences in matters of agriculture, livestock, rural development and regional planning, rural structures, agri-food industries and forestry, mountains, prevention and defense of forest fires.









Objectives of the project

The general objective of this project is the water needs of the vineyard and predict future water needs.



Expected results of the project

The project will obtain a model that will allow to characterize the answer of the sensors based on the different values of water content in soil and effectively adjust

the reference evapotranspiration (ET_) and of the cultivation coefficient (k.) will be developed, allowing the calculation of future



REGAVID activities

Definition of study areas (actuation units' size and number of

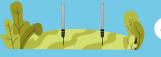












agronomic practices monitoring, vegetal canopy characterization, determination of the exposed foliar





Development of models (correlation of sensors and TDR



Whose REGAVID comprised by?

REGAVID is comprised by a multidisciplinary team of Galician entities made up of specialists in viticulture, hydraulics and hydrology, and technologies applied to the primary sector. In the team, led by the company Monet Technology and Innovation, the wine sector (Martín Códax), a public university (University of Santiago de Compostela, through the PROEPLA research group (Projects and Planning)), and a technological innovation agent (Fundación Empresa – Universidad Gallega (FEUGA)) are represented.









