

Designação do projeto | WineWATERFootprint - Avaliação da pegada hídrica na fileira vitivinícola

Código do projeto | POCI-01-0145-FEDER-023360

Objetivo principal | Reforçar a investigação, o desenvolvimento tecnológico e a inovação

Região de intervenção | NUTS 2

Entidade beneficiária | Instituto Politécnico de Santarém

Data de aprovação | 24-05-2017

Data de início | 01-06-2017

Data de conclusão | 01-12-2018

Custo total elegível | 71.088,03 EUR

Apoio financeiro da União Europeia | FEDER – 60.424,83 EUR

About the Project

Climate change and water scarcity has prompted concern to the wine sector due to the strong impact that it has on the vineyard productivity and wine quality.

In this project, the assessment of the uniformity of water distribution and the water application efficiency in the vineyard, as well as the efficient water use during wine production will be evaluated, as case studies. Water consumptions and pollutants load will be assessed as blue, green and grey water footprints.

Strategies of precision viticulture and Best Available Technics will be envisaged. This practice based project will bring together students, researchers and stakeholders to evaluate the hotspots and minimize water consumption by about 10%, in the wine chain.

A user friendly computer application will be developed and will be available for any winegrower.

Milestones

Task 1

Mid-term assessment: project progression is validated against work plan (February 2018)
Final assessment: project progression is validated against work plan updated from previous assessment (September 2018).

Task 2

Mid-term assessment of field test methodology (February 2018)

Task 3

Production process assessment: key points to be monitor to calculate water consumption and wastewater characteristics (June 2017)

Task 4

Production process assessment: hotspots to be optimized to minimize water consumption (June 2018)

Task 5

Interim Plan for use and dissemination of the knowledge (July 2017)

Visit our Website:

The screenshot shows the website header with the title 'WineWATERFootprint' and the project ID 'POCI-01-0145-FEDER-023360'. The navigation menu includes: Home, Project, Partners, Activities, Publications & Resources, Tool, and Intranet. The main content area features a photo of a person in a vineyard, a section titled 'About the Project' with the same text as above, a 'milestones' icon, and a ribbon graphic at the bottom.

