



# BIOBESTicide

BIO-Based pESTicides  
production for sustainable  
agriculture

[www.biobesticide.eu](http://www.biobesticide.eu)



## THE PROJECT

The BIOBESTicide project aims at validating and demonstrate the production of an effective and cost-efficient biopesticide. The demonstration will be based on an innovative bio-based value chain starting from the valorisation of sustainable biomasses, i.e. beet pulp and sugar molasses, and will exploit the properties of the oomycete *Pythium oligandrum* strain I-5180 to increase natural plant defenses, to produce a highly effective and eco-friendly biopesticide solution for vine plants protection. The BIOBESTicide project will validate the efficiency of the formulated product on vineyards of different geographical areas.



## OBJECTIVES

- To build a DEMO plant producing 10T of high-quality oomycete-based biopesticide product per year to be used in viticulture
- To design the optimal product formulation to deliver *Pythium oligandrum* strain I-5180 and optimise the efficiency of the products
- To manage the logistics solutions of the whole process to minimise losses and reduce costs associated
- To test the products in controlled environments and practice conditions to demonstrate the performance of the product. In parallel, to monitor any unintended impact on the environment and potential risks for human health
- To comply with the European regulation on Plant Protection Product (PPP) and to submit an approval dossier in order to obtain an authorisation for marketing the product
- To ensure the sustainability of the established value chain
- To demonstrate and showcase to relevant stakeholders the feasibility of the *oligandrum*-based biopesticide producing value chain; to involve specific categories of interest in the project

## PARTNERS



## CONTACT US

PROJECT COORDINATOR

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