



Sustainable viticulture for a greener future

The Project

VINNY is a highly innovative 4-year European funded Project aiming to use bio-nanotechnology to create a new generation of eco-friendly biopesticides and biofertilizers from vineyards sources, as well as other industrial waste. With the main goal of reducing the use of harmful agrochemicals, it brings together 19 partners from 10 countries.

The ambition is to reduce conventional agrochemicals by 50%!

How? By employing novel and bio nano processing technologies to develop and encapsulate novel bioactives into biodegradable matrices, making them more effective and bioavailable.

Main Objectives

- Explore new bioactives: grapevine derived actives and industrial side-streams based biofertilisers;
- Develop new eco-friendly nanobiopesticides and nanobiofertilisers coupled with nanoencapsulation technologies;
- Develop agrotextiles impregnated with nanoBFs;
- Test nanoBP and nanoBF efficacy and safety in vitro and in planta;
- Validate their performance in 5 different vineyards from 5 different geographical areas.

Field tests



Austria



Denmark



Portugal



Spain

Meet our partners



Universidade do Minho



International Marketing & Business Development



Working in Germany



Funded by
the European Union

Get in Touch www.projectvinny.eu