vinny

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.

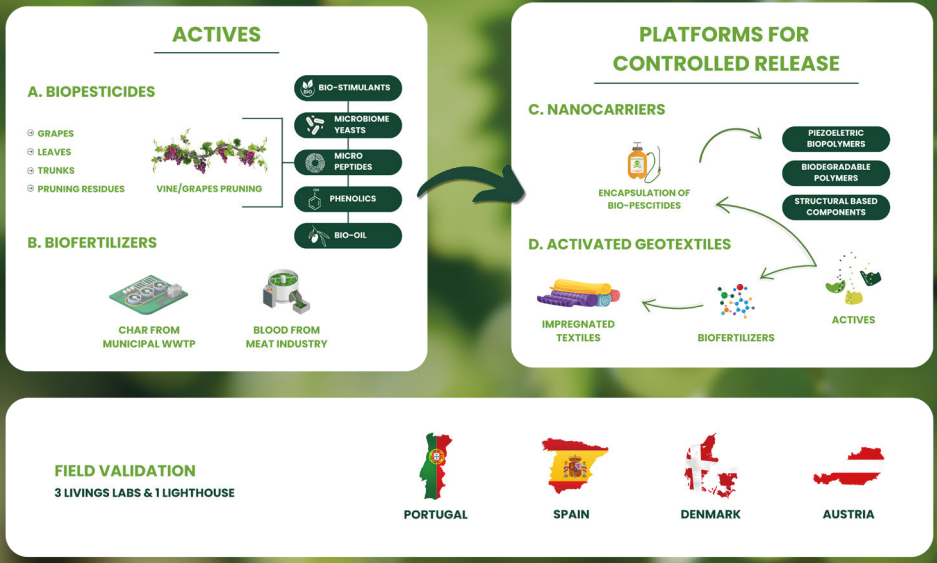
The ambition is to reduce conventional agrochemicals by 50%!

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.

VINNY will create an “European Vineyard Network” based on three Living Labs and a Lighthouse.



Meet our partners

The leaves of our vineyard!

Universidade do Minho · Universitat Politècnica de Catalunya BarcelonaTech · ryp LABS · Innovplant Protect · BOKU University · HBLA und Bundesamt Klosterneuburg Wein- und Obstbau · Bornholms Energi & Forsyning · Ascend Technologies · Università degli Studi di Milano Bicocca · Project Hub360 · GlobalWise · OSM-DAN · LKCOM · aitex · ADVID Cluster da Vinha e do Vinho · DAVO · graanakke · Toni Beneito · université de Tours

Funded by the European Union

Get in Touch info@projectvinny.eu