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PORTUGAL

RESEARCH CENTER FOR ADVANCED WATER, ENERGY AND RESOURCE MANAGEMENT – AWAM

Co-funded by:



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**REPÚBLICA
PORTUGUESA**



**Financiado pela
União Europeia**
NextGenerationEU

PROJECT SPEC SHEET (EN)

VINE & WINE PORTUGAL – DRIVING SUSTAINABLE GROWTH THROUGH SMART INNOVATION

Project no.: 67

Supported by: Agendas para a Inovação Empresarial

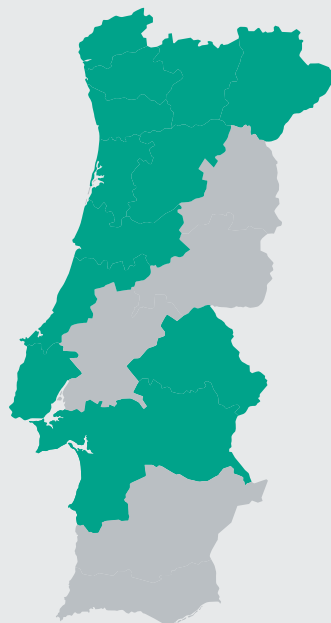
Partners: Gran Cruz Porto - Sociedade Comercial de Vinhos, Lda. (Líder); AdP Valor - Serviços Ambientais, S.A.; Adriano Ramos Pinto - Vinhos, S.A.; Adventech - Advanced Environmental Technologies, Lda.; ADVID – Associação para o Desenvolvimento da Viticultura Duriense; Águas do Norte, S.A.; Ascenza Agro, S.A.; Associação Fraunhofer Portugal Research; AEPV - Associação das Empresas do Vinho do Porto; Aveleda, S.A.; Bacalhôa Vinhos de Portugal, S.A.; C. da Silva (Vinhos), S.A.; Castros Iluminações Festivas, S.A.; Comissão Vitivinícola Regional do Dão; COMMOP, Lda.; Energy Drawing S, Lda.; Esporão, S.A.; Fisola - Fábrica de Isoladores Eléctricos, Lda; Fundação Eugénio de Almeida; Global Wines, S.A.; Herculano - Alfaias Agrícolas, S.A.; Herdade Monte da Cal - Vinhos do Alentejo, S.A.; Immera, Lda. Imprensa Nacional Casa da Moeda; INESC TEC – Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; IPV - Instituto Politécnico de Viseu; Instituto Superior de Agronomia; J. Portugal Ramos, Vinhos, S.A.; José Maria da Fonseca Vinhos, S.A.; Murças, S.A.; NBI - Natural Business Intelligence, Lda.; Niepoort (Vinhos), S.A.; Proenol - Indústria Biotecnológica, S.A.; Quinta de Baixo - Vinhos da Bairrada, S.A.; Quinta de Ventozelo – Sociedade Agrícola e Comercial, S.A.; Quinta do Ameal - Sociedade Agrícola, S.A.; Rozès, S.A.;

Project Overview

The Mobilizing Agenda for Business Innovation Wine and Vine Portugal aims to increase the competitiveness and resilience of the sector through 86 M€ of investment in R&D and Productive Innovation, Qualification and Internationalization, Empowerment of Human Resources and Dissemination of the products developed, intervening in 3 key areas of competitiveness - Sustainability; Automation, Innovation and productive efficiency; New processes and products - contributing to the digital, environmental and energy transition and the generation of activities with higher added value and intensive in knowledge, oriented, above all, to an increase in competitiveness, notoriety and diversification of the Portuguese wine in international markets. The consortium comprises renowned entities, including wine producers, technological and capital goods companies, ENESII and Associations, in a joint synergy of projects organized into 10 WP.

The Fraunhofer Portugal AWAM center will perform research of practical utility by

developing, adapting, and applying process technologies to close water, energy and nutrient cycles.



Portugal | Porto, Lisboa, Aveiro, Vila Real, Setúbal, Viseu, Bragança, Évora, Portalegre, Coimbra, Viana do Castelo e Leiria

Sociedade Agrícola Boas Quintas, Lda.;
Sociedade Agrícola de Santar, S.A.; SPAGRE
- Sociedade Agrícola, S.A.; Symington
Family Estates, Vinhos S.A.; Tecniferti, S.A.;
UAVision - Engenharia de Sistemas, Lda.;
UÉvora – Universidade de Évora; UTAD
- Universidade de Trás-os-Montes e Alto
Douro; Vale de S. Martinho - Sociedade
Agrícola, S.A.; Wavecom - Soluções Rádio,
S.A.

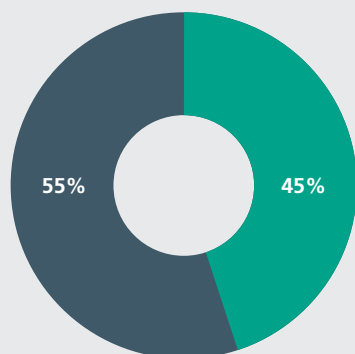
Start date: 01-10-2021

Conclusion date: 30-06-2026

Total eligible cost: 86.115.713,75€

EU funding: 47.274.681,58€
(NextGenerationEU)

Copromotors funding:
38.841.032,17€



■ COPROMOTORS FUNDING
■ EU FUNDING

Keywords: water, biogas, nutrients, wine
dealcoholization; soil carbon sequestration,
business model, life cycle assessment.

Expected outcomes

1. Development of 45 new products and services;
2. Expansion of export markets;
3. Creation of highly skilled employment;
4. Mitigation of environmental impacts within the sector.

Photos, videos and other dissemination materials

