

# Entregável nº 2.3

Versão do Documento: 0 Data de Submissão: 07/07/2021 Responsável: IPB Nome do Documento: Promotion and dissemination materials



### Histórico de Revisão

Revisão	Data	Parceiros Envolvidos	Descrição





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#### Sumário

O presente Entregável diz respeito ao material de promoção do projeto preparado pela entidade líder do consórcio.





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# 1. Identificação

Deliverable	E2.3 - Promotion and dissemination materials
Tipo de <i>deliverable</i>	Publicação
Nível de disseminação	Público
Atividade A2.1 - Development and implement of the communication plan	





## 2. Informação

Apresentam-se em anexo o flyer e o cartaz de promoção do projeto.









" Integrated Approach for the Valorisation of Winemaking Residues"

# **BacchusTech**

Integrated Approach for the Valorisation of Winemaking Residues - project seeks to develop a new innovative process, that includes the extraction, purification and concentration of bioactive compounds present in winemaking residues.

#### Consortium

BacchusTech consortium is composed by two Polytechnic Institutes, four Companies, two International Partners and three Research Centers and one Research and Technological Development Center.



#### Project Description

Wine production is one of the oldest and most important agricultural activities worldwide (28 billion liters produced worldwide in 2018). Portugal is the 5th and 11th largest producer in the EU and worldwide, respectively. The consortium leader, Caves Campelo Lda., founded in 1951, produced 6 million liters of wine in 2019, from which 18.4 % were exported to countries all over the world. The BacchusTech project seeks to develop a new innovative process, that includes the extraction, purification and concentration of bioactive compounds present in winemaking residues. It is well known that these residues are rich in bioactive compounds (e.g. flavonols, anthocyanins), and this project wants to prove that the residues processing can bring an added value e.g. to the pharmaceutics, food and cosmetics and civil construction industries. The gain in terms of environmental sustainability of the company, resulting from the implementation of the aforementioned technologies will be estimated by a life cycle analysis approach.

#### Objectives

Improving Circular Bioeconomy giving value to the vinification residues:

· Chemical characterization and bioactive properties of vinification residues and MIP fractions and subsequent application in model products (cosmetics and desserts);

· Design, synthesis and characterization of molecularly imprinted adsorbents to target bioactive compounds in winemakina:

· Assembly, control and optimization of a process prototype for the purification and concentration of bioactive compounds present in different winemaking residues

· Valorisation of spent diatomaceous earth into geopolymersfor environmental applications

· Valorization of spent diatomaceous earth into geopolymers for construction materials

· Environmental sustainability assessment of wineries by using an LCA approach.

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Integrated Approach for the Valorisation of Winemaking Residues

# BacchusTech bacchustech.ipb.pt

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