



2021
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Agriculture 4.0 – Driving Sustainability for the European Wine Sector

Program

(Lisbon Time)

16.06.2021 | Virtual Conference

9h00: Opening Ceremony

- Maria do Céu Antunes – Minister of Agriculture of Portugal
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9h15: SESSION 1 – Latest advances in responding to wine sector challenges – achieving resilience

Moderator: Ricardo Braga – Instituto Superior de Agronomia (ISA)

9h20: Digital Agriculture: State of the art and future perspectives

- Sigfredo Fuentes – Associate Professor at University of Melbourne
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9h40: Implementing Agriculture 4.0: Latest Projects and Technologies

- Marisa Rio, Senior Researcher – Fraunhofer Portugal AWAM
 - Waldir Júnior, Senior Researcher – Fraunhofer Portugal AICOS
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10h00: New perspectives about digital innovations on mechanization and robotics – case studies

- **VineScout:** Intelligent decisions from vineyard robots
Fernando Alves – Symington Family Estates
Francisco Rovira Más – Agricultural Robotics Laboratory, Polytechnic University of Valencia
- **SCORPION:** Cost effective robots for smart precision spraying
Filipe Santos – INESC TEC

- **i-GRAPE:** Integrated, Low-Cost and Stand-Alone Micro-Optical System for Grape Maturation and Vine Hydric Stress Monitoring
Natacha Fontes - Sogrape Vinhos S.A.
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10h45: Virtual Coffee break

11h00: Roundtable

Challenges and opportunities

- Jorge Dias, General Manager at Gran Cruz
 - António Marquez Filipe, COO at Symington Family Estates
 - Miguel Pessanha, COO - Member of the Board of Directors of Sogrape Vinhos
 - João Roquette, CEO at Esporão
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12h10: Final Remarks of SESSION 1

- Ricardo Braga - Instituto Superior de Agronomia (ISA)
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12h30: Lunch

14h00: SESSION 2 - Agriculture 4.0 – Conserving and restoring ecosystems for profitability

Moderator: Mario de la Fuente, Plataforma Tecnológica del Vino (PTV)

14h05: A new integrated approach for management of soil threats in the vineyard ecosystem

- Sara Elisabetta Legler - Hort@, Catholic University of the Sacred Heart
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14h20: Precision viticulture: using sensors, model and collaborative data to map vine variability and characterize vine trajectories

- Constance Demestilhas - Project manager - Vineyard department - Vineyard nutrition - CIVC - Comité Interprofessionnel du Vin de Champagne
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14h35: Impacts of Agriculture 4.0 on Production, ecological maintenance and biodiversity – case studies

- **NOVATERRA:** Integrated Novel Strategies for Reducing the Use and Impact of Pesticides, Towards Sustainable Mediterranean Vineyards and Olive Groves.
António Graça - Sogrape Vinhos S.A.
- **GBIF:** Global Biodiversity Information Facility.
Rui Figueira - Portuguese Node Manager of the Global Biodiversity Information Facility

- **VIT.NET:** Application of a web-based DSS in the Iberian Peninsula for the sustainable management of vineyards.
Elisa González-Domínguez - Hort@, Catholic University of the Sacred Heart
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15h20: Final Remarks of SESSION 2

- Mario de la Fuente, Plataforma Tecnológica del Vino (PTV)
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15h30: SESSION 3 – Roundtable

Sustainability through agriculture 4.0: European wine sector greatest challenge?

- Discussion of the most appropriate political and financial instruments to meet the challenges and opportunities of Agriculture 4.0.

Moderator: Frederico Falcão - Chairman of the Board of ViniPortugal

- João Onofre - Head of Unit of the Directorate-General for Agriculture and Rural Development - Wine, spirits and horticultural products (DG AGRI)
 - José Carlos Caldeira - Member of the Board of Directors at INESC TEC
 - Ignacio Sánchez Recarte - Secretary General at the Comité Européen des Entreprises Vins (CEEV)
 - Emídio Gomes - Rector of the University of Trás-os-Montes and Alto Douro (UTAD)
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16h45: SESSION 4 - Presentation of ADVIDclim Platform

- José Manso - Chairman of the Board at ADVID
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16h55: Closing session

- Manuel Heitor - Minister of Science, Technology and Higher Education of Portugal
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* Event with simultaneous interpretation: portuguese and english

The European Event **Agriculture 4.0 - Driving Sustainability for the European Wine Sector** is promoted by ADVID, through CoLAB VINES&WINES.

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