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IOC International Workshop:

Initiatives to increase the resilience of the olive sector

Fundação Eugénio de Almeida, Évora (Portugal), 27-29/9/2022

& Ministério da Agricultura e Alimentação, Lisbon (Portugal), 30/9/2022

All schedule in Portuguese time (GMT+1)

DRAFT PROGRAMME

Monday 26 September

Arrival to Lisbon and departure from the airport to Évora (5 p.m.)

Tuesday 27 September - Fundação Eugénio de Almeida, Évora

8.45 – 9.00 Registration of the participants

9.00-9.20 Official opening

Jaime Lillo, Deputy Executive Director of the International Olive Council (IOC)

José Godinho Calado, Regional Director of Agriculture and Fisheries of Alentejo, Ministry of Agriculture and Food

9.20-9.30 Introducing the workshop. *Lhassane Sikaoui*, Head of the Olive Growing, Olive Oil Technology and Environment Unit of the IOC

PART I - Conservation of the genetic resources of the olive tree and research of varieties tolerant to different biotic and abiotic stresses

9.30-9.50 The IOC olive germplasm network as solid work tool to face climate change. *Hristofor Miho*, University of Cordoba, UCOLIVO group, Spain.

9.50-10.10 The exploitation of olive genetic diversity: A way to increase the sector's resilience to climate change. *Monji Msallem*, Institut de l'Olivier, Tunisia



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10.10-10.20 Olive Reference Collection of Portugal: valorization of autochthonous diversity. *Carla Inês & António Cordeiro*, National Institute for Agrarian and Veterinarian Research, Portugal

10.20-10.40 Bioresources For Oliviculture- BeFOre project. *Luciana Baldoni*, CNR, Italy

10.40-11.00 Bringing olive genetic resources closer to breeders and growers, GEN4OLIVE project. *Hristofor Miho*, University of Cordoba, UCOLIVO group, Spain.

11.00-11.30 Coffe-break

11.30-11.50 Freeclimb, Fruit Crops Resilience to Climate Change in the Mediterranean Basin, and BreedOLEa, Creating new olive varieties to adapt to climate change and improve product quality, projects. *Georgios Koubouris*, ELGO-DIMITRA, Chania, Greece

11.50-12.10 ClimOliveMed project. *Bouchaib Khadari*. CIRAD, France ONLINE

12.10-12.30 Deciphering, modeling and culturing the xylem core microbiome to enhance resilience of olive trees to vascular diseases. *Blanca Landa*. IAS, CSIC, Spain

12.30-12.40 BeXyl, a new Research and Innovation Action from Horizon Europe to fight against *Xylella fastidiosa* worldwide. *Blanca Landa*. IAS, CSIC, Spain

12.40-13.00 OLIVECOA – Centenarian olive trees of Côa Valley Park: rediscovering the past to valorise the future.; OleaPrime – Survey and characterization of centenarian olive trees for its preservation and valorization. *José Alberto Pereira*, Instituto Politécnico de Bragança, Portugal. ONLINE

13.00-13.30 Summarize

13.30-15.30 LUNCH BREAK



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PART II - Olive growing in the face of climatic changes: chilling requirements, drought, ...

15.30-16.00 Olive Resilience to Climate Change in the Mediterranean Basin. *Georgios Koubouris*, ELGO-DIMITRA, Chania, Greece

16.00-16.20 Desertification risk assessment in olive growing areas under different cultural practices in west Crete, Greece. *Kostas Chartzoulakis*, Ex Director of the Institute for Olive Tree & Subtropical Plants, Crete, Greece

16.20 -16.40 Sustainability of the olive tree and arboriculture in semi-arid and arid Tunisia. *Mouna Aïachi Mezghani*, Institut de l'Olivier, Tunisia

16.40-17.00 The effect of high temperatures on olive productivity. *Giora Ben-Ari*, Agriculture Research Organisation, Volcani Institute, Israel

17.00-17.20 Water use responses to experimental warming in young olive trees. *Cecilia Rousseaux*, CRILAR-CONICET, Anillaco, La Rioja, Argentina

17.20-17.30 Summarize

Wednesday 28 September - Fundação Eugénio de Almeida, Évora

PART III - Sustainable olive farming and conservation of biodiversity in olive groves

9.00-9.20 Contribution of the olive growing areas in Morocco in the preservation of biodiversity and their role in the resilience of the olive tree. *Abderraouf EL-Antari*, INRA Morocco. ONLINE

9.20-9.40 High technology for sustainable autochthonous olive cultivation and innovations in traditional food value chain. *Marija Markoč*, CEO of Barska uljara Ltd., Montenegro

9.40-10.00 Soil management to optimize soil and water use under changing climate conditions. *Jose Alfonso Gomez Calero*. IAS, CSIC, Spain



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PART III – Donnors

10.00-10.30 The IOC as knowledge hub, booster of international projects and research. *Catarina Bairrao Balula*, Head of Technology and Training Department, IOC

10.30-11.00 EU public support available for improving the resilience of olive producers in the EU. *Pierre Bascou*. Commission européenne - DG Agriculture. Directeur B Durabilité ONLINE

11.00-11.30 Coffee break

PART III - Sustainable olive farming and conservation of biodiversity in olive groves (cont.)

11.30-11.50 Developing new bacterial consortia and mycorrhizal inoculants to promote climate-resilient and stress-tolerant plants. *Paula Garcia Fraile*, University of Salamanca, Spain

11.50-12.10 Climate change and automation of irrigation in olive growing. *Maja Podgornik*, Science and research Centre Koper, Slovenia

12.10-12.40 NOVATERRA: Integrated novel strategies for reducing the use and impact of pesticides. Towards sustainable Mediterranean vineyards and olive groves.; Man4Health - New management strategies in olive groves for improving soil health and crop yield. *José Alberto Pereira*. Instituto Politécnico de Bragança, Portugal. ONLINE

12.40-13.00 Intercropping in olive orchards. *Ayça Akça Uçkun*, Olive Research Institute, Izmir, Turkey. ONLINE

13.00-13.30 Sustainability of the olive groves: lessons learnt from SUSTAINOLIVE (PRIMA-H2020). *Roberto García Ruiz*, University of Jaén, Spain

13.30 -15.30 LUNCH BREAK

16.00 Technical Visit



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Thursday 29 September – Fundação Eugénio de Almeida, Évora

10.10-10.30 BIOVEXO - Biocontrol of Xylella and its vector in olive trees for integrated pest management. Ana Falcón

10.30-10.50 BIOLIVAR, Monitoring, optimisation and valorisation of natural capital in olive growing under integrated production in Andalusia. *José Alfonso Gómez Calero*, IAS, CSIC, Spain

10.50-11.10 BIOMEnext, Modelling integrated biodiversity-based next generation Mediterranean farming systems project. *Luciana Baldoni*, CNR, Italy

11.10-11.30 Ecological sustainability – NUTRIFARMS' Management Plan for Natural Values. *Isabel Ribeiro*, NUTRIFARMS & *Ana Dahlin*, Capital Natural, Portugal

11.00-11.30 COFFE BREAK

11.30-12.00 OLIVARES VIVOS. *José Eugenio Gutierrez*, SEO, Spain. ONLINE

PART IV - Valorization of olive tree co-products

12.00-12.30 Technological alternatives for the use of by-products and waste from olive groves and oil mills. *Sebastián Sánchez*, University Institute of Research in Olive Grove and Olive Oils, University of Jaen, Spain- ONLINE

12.50-13.10 Composting of olive pomace and its application in the olive grove. *Belén Fernández*, IRTA, Tarragona, Spain - ONLINE

13.10-13.30 Treatment and reuse of oil mill wastewater. *Gassan Hodaifa*, University of Pablo de Olavides, Area of Chemical Engineering, Seville, Spain

13.30 Lunch

Return to Lisbon



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Friday 30 September - Ministério da Agricultura e Alimentação, Lisbon

PART V- Economy of olive farms

9.30-9.50 The olive orchards sustainability numbers in Portugal. *Francisco Campello*, AGRO.GES, Portugal

9.50-10.10 Alentejo Olive Oil Sustainability Program (PSAA). *Gonçalo Moreira*, OLIVUM, Portugal

10.10-10.30 ARTOLIO project (micro, small and medium olive farms). *Giora Ben-Ari*, Agriculture Research Organisation, Volcani Institute, Israel

DISCUSSIONS & CLOTURE

10.30-12.00 Discussion on future collaborative projects and final conclusions

12.00-12.30 Cloture:

Jaime Lillo –Deputy Executive Director of the International Olive Council

Maria do Céu Oliveira Antunes –Minister of Agriculture and Food, Portugal
