

WORKSHOP on “Efficient use of water on dairy farming” Project Eurodairy

“Water is a scarce resource in many regions of the world, with the problem being worsened by ongoing climate change. Milk production faces the need of ensuring the supply of water in quantity and quality for food production and for use in livestock facilities respecting practices of high efficiency and protection of the environment. The main objective of the workshop is to present the most advanced approaches and techniques to face the current and future challenges of this topic and to discuss them between researchers and milk producers. The workshop is organized as part of the Eurodairy project (<https://eurodairy.eu/>) with the collaboration of University of Trás os Montes e Alto Douro and AGROS”

Date: **18th and 19th of June, 2018**

Place: **Headquarters of AGROS Dairy Union - city: Póvoa de Varzim (20 km north of Porto)**

18th June, Monday (English session)

Morning

- 9h 00** Welcome
- 9h 30** Present situation and prospects on European policies on water use by agriculture and animal production.
Ricardo Serralheiro, University of Évora, Portugal
- 10h 00** Climate change projections for precipitation in Portugal and potential impacts on grassland and forage systems.
Chenyao Yang, UTAD, Portugal
- 10h 30** Effective use of water on dairy farms: An overview.
Martina Dorigo, AHDB, UK
- 11h 00** Coffee-break
- 11h 30** Importance of water in dairy cow feeding.
Anne Boudon, INRA, France
- 12h 00** Use of water spraying in the control of heat stress and animal welfare.
Umberto Bernabucci, Università degli Studi della Tuscia-Viterbo, Italy
- 12h 30** Water Consumption and Water Footprint in dairy systems: estimate it properly to envisage ways of improvement with farmers.
Armelle Gac, IDELE, France
- 13h 00** Efficient use of water in forage production.
José Gonçalves, ESAC, IPCoimbra, Portugal
- 13h 30** Lunch

Afternoon

- 15.00** Visit to 1 or 2 dairy farms.

19 Junho, Terça feira (Sessão em Português) 19th June, Tuesday (Portuguese session)

- 14h 30** Sessão de abertura / Opning and Welcome
- 15h 00** Como podem as alterações climáticas afectar as pastagens e a produção de forragens em Portugal?
How climate changes can affect grassland and forage production in Portugal?
Mónica Santos, UTAD, Portugal
- 15h 30** Importância da quantidade e qualidade da água na alimentação da vaca leiteira.
Importance of water quality and quantity in the dairy cow feeding.
Maria José Gomes, UTAD, Portugal
- 16h 00** Indicadores de stresse térmico em vacas leiteiras, seu impacto na produtividade e na utilização de água.
Heat stress indicators in dairy cows and their impact on animal productivity and water use.
Joaquim Cerqueira, ESAPL-IPVC, Portugal
- 16h 30** Uso eficiente da água em instalações para vacas leiteiras.
Efficient use of water in animal housing facilities.
José Luís Pereira, ESAV-IPViseu, Portugal
- 17h 00** Uso eficiente da água na produção forrageira.
Efficient use of water in forage production.
José Gonçalves, ESAC-IPC, Portugal
- 17h 30** Sessão de encerramento
Closing session

Organized by:



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