

FINAL WEBINAR

AGRINUPES PROJECT

INTEGRATED MONITORING AND CONTROL OF WATER, NUTRIENTS AND PLANT PROTECTION PRODUCTS TOWARDS A SUSTAINABLE AGRICULTURAL SECTOR

04 DECEMBER 2020 (CET)



PROGRAM – MORNING SESSION

- 10:00** Opening session
José Boaventura, INESC TEC (Institute for Systems and Computer Engineering, Technology and Science)
- 10:05** The AGRINUPES project (Integrated monitoring and control of water, nutrients and plant protection products towards a sustainable agricultural sector)
José Boaventura, INESC TEC (Institute for Systems and Computer Engineering, Technology and Science)
- 10:20** A new sensor for real-time measurement of NPK for greenhouse management
Pedro Jorge, INESC TEC (Institute for Systems and Computer Engineering, Technology and Science)
- 10:35** An innovative easy-to-use biosensor for Plant Protection Products
Ceren Durmuş, EGE (EGE University)
- 10:50** COFFEE BREAK
- 11:05** AGRINUPES use cases: applications and upscale potential
Case Region: The Westland region, the Netherlands (Bleiswijk), *Erik van Os, WUR (Wageningen Univ. Greenhouse Horticulture)*
Case Region: Sweden, *Klara Löfkvist, HIR Skåne/RISE (Research Institutes of Sweden)*
Case Region: Porto – Portugal, *Susana Carvalho, FCUP (Faculty of Sciences of the University of Porto)*
Case Region: Konya Basin, middle Anatolian region of Turkey, *Aslihan Kerç, SUEN (Turkish Water Institute)*
- 12:05** LUNCH BREAK

PROJECT COORDINATOR:

Dr. José Boaventura-Cunha
INESC TEC, R. Dr. Roberto Frias, 4200-465 Porto, Portugal
E-mail: jose.boaventura@inesctec.pt

WEB-SITE: www.agrinupes.eu



PROGRAM – AFTERNOON SESSION

- 14:00** The Water JPI – Water challenges for a changing world
Esther Diez Cebollero, Water JPI representative (ANR, France)
- 14:20** REWATER – Sustainable and Safe Water Management in Agriculture
Cristina Delerue-Matos, REQUIMTE (Network of Chemistry and Technology)
- 14:40** WATER4EVER – Optimising Water use in Agriculture to Preserve Soil and Water Resources
Tiago Ramos, IST (Instituto Superior Técnico)
- 15:00** OPERA – Operationalizing the increase of water use efficiency and resilience in irrigation
Marius Heinen, WENR (Wageningen Environmental Research)
- 15:20** POTENTIAL – variable rate irrigation and nitrogen fertilization in potato; engage the spatial variation
Pieter Janssens, SSB (The Soil Service of Belgium)
- 15:40** COFFEE BREAK
- 15:55** Questions & Answers / Round table: the future of water use
Moderator: *José Boaventura, INESC TEC (Institute for Systems and Computer Engineering, Technology and Science) and Esther Diez Cebollero, Water JPI representative (ANR, France)*
- 17:00** Closing session

PROJECT COORDINATOR:

Dr. José Boaventura-Cunha
INESC TEC, R. Dr. Roberto Frias, 4200-465 Porto, Portugal
E-mail: jose.boaventura@inesctec.pt

WEB-SITE: www.agrinupes.eu

