

## I-ReWater - S1/2.5/E0136

# Trunk and soil sensors to control irrigation with reclaimed water





April 2, 2025

#### Place:

Universidade de Trás-os-Montes e Alto Douro 5000-081 Vila Real – Portugal

This work is supported by National Funds by FCT –Portuguese Foundation for Science and Technology, under the projects UID/04033: Centro de Investigação e de Tecnologias Agro-Ambienteis e Biológicas and LA/P/0126/2020 (https://doi.org/10.54499/LA/P/0126/2020).



























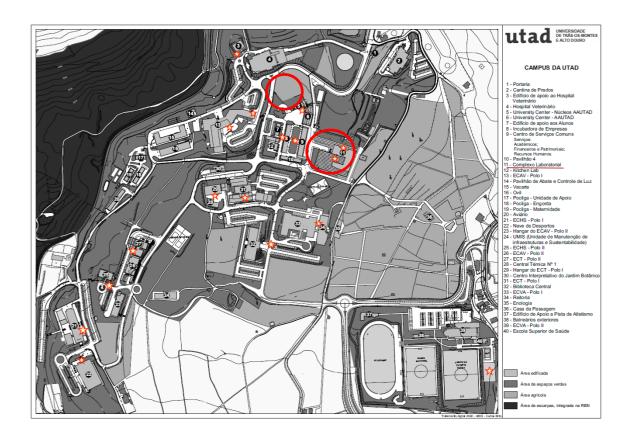












#### **Presential Session**

Edificio Complexo Laboratorial. Auditorio B.01

#### **Hands-on Session**

Capela da UTAD









### **PROGRAMME**

Date: April 2, 2025. 16:00 - 19:00

Reception: 15:30-16:00

#### Introduction. I-ReWater project. 16:00 – 17:00

- ✓ Javier J Cancela USC. I-ReWater SUDOE project. Main objectives. 10 min
- ✓ Jorge Dafonte USC. Design of I-ReWater Low-Cost Sensor network. 10 min
- ✓ Raúl Morais UTAD. MySense platform to integrate data sensors in DSS I-ReWater. 10 min
- ✓ Ignacio Gomez/Juan Antonio Rodríguez UCO. REUTIVAR. Nutrient balance model to include water, soil and plant measures to manage reclaimed water. 10 min
- ✓ Jaume Casadesus IRTA. Irridesk model as base to DSS-I-ReWater. 10 min
- ✓ Discussion/Question time. 10 min

Coffee-Break, 17:00 - 17:15

#### Sensors description and particularities. 17:15 – 18:05

- ✓ Francesc Ferrer Lab-Ferrer. Teros 12 & 21. How to install it? Main tips to obtain good results. 20 min
- ✓ Elena Nieto Trunk water potential in cherry with a microtensiometer. 10 min
- ✓ Victor Blanco IRTA & Gerard Mora Lab-Ferrer. What you need to know to install Florapulse sensor in Orchard crops? 20 min

#### Hands-on Session. 18:15 – 19:00

✓ Victor Blanco & Xavi Vallverdú - IRTA. Practical session to install a FloraPulse sensor in UTAD fields (Vineyard near to Capela UTAD).

#### **Registration Deadline**

March 28, 2025. Limited places available

#### Access to form

