

# UC10: Green Soil Probe - Technologies for green IoT devices for agriculture

## **Motivation and objectives**

Development of technologies and methods for the in agriculture that involves the reduction of e-waste generation and lower e-waste impact on costs and the environment

### **Baseline design**



#### **Involved Partners and Resources**

**TST** (SME) leads the UC and the development of tools for the selection and management of batteries **CSEM** (RTD) leads the development of a new Lithium battery

- **CSIC** (RTD) contributes with the recyclability aspects
- **ACORDE** (SME) contributes to the definition and design of communication and power management systems
- **PREMO** (LE) provides advice and components with minimum e-waste impact
- **DTI** (RTD) contributes to the recyclability aspects of batteries
- SMARTSOL (SME) contributes to the development of tools for battery management



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