

E-SPF online questionnaire on digital technologies for monitoring soil health



Press Release
December 2024



This project is funded by the European Union under Grant Agreement no. 101157922. This document reflects only the author's view and the European Commission is not responsible for any use that may be made of the information it contains.

CONSORTIUM



CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS



IKH



SIDROCO

DH
DRONE HOPPER

Critt
AGRICULTURE AND FOOD
PROVENCE-ALPES-CÔTE D'AZUR



TelLab



spi
Sociedade Portuguesa de Inovação

WAGENINGEN
UNIVERSITY & RESEARCH

TRILATERAL
RESEARCH
Ethical AI

ZENTRIX LAB
Research&Innovation

Tyndall
National Institute
for Advanced Research

**Consiglio Nazionale
delle Ricerche**

**université
angers**

**Universidad
Politécnica
de Cartagena**

E-SPFdigit LAUNCHES COMPREHENSIVE ASSESSMENT OF FARM TO FORK (F2F) NEEDS AND STAKEHOLDER REQUIREMENTS

[Thessaloniki, 11th of December] – E-SPFdigit has launched a targeted survey designed to **assess the needs of soil practitioners** and other key related stakeholders under the Farm to Fork (F2F) umbrella. This initiative aims to drive innovation in sustainable farming and food safety across Europe by gathering critical insights to guide the development of cutting-edge onsite digital technologies.

The survey focuses on identifying the specific requirements of those who work with or manage soil, such as farmers, agronomists, researchers, and technology providers, as well as those who provide solutions for soil monitoring. It addresses the practical needs related to monitoring nutrients, chemical contaminants, and biological stressors in soil and plants, for ensuring these technologies meet the real-world demands of practitioners.

Why Participate?

- Help identify challenges in soil monitoring practices.
- Influence the development of digital solutions tailored to professional needs.
- Share perspectives with a community of innovators and researchers.
- Contribute to defining country-specific requirements and incentives for citizen science adoption of digital technologies.
- Gain access to project updates and a summary of survey results to enhance their knowledge of advanced soil management solutions.

Scope of the Study: The survey spans nine consortium countries—Cyprus, France, Greece, Ireland, Italy, Netherlands, Portugal, Serbia, and Spain—offering a comprehensive evaluation of stakeholder and country-specific needs. The findings will aid in aligning E-SPFdigit's solutions with the expectations of practitioners while fostering community-driven adoption of advanced soil monitoring tools.

Participate in the survey here

<https://ec.europa.eu/eusurvey/runner/ESPFDigitOnsiteDigitalTechnologies>



About E-SPFdigit:

E-SPFdigit aims to develop digital tools, from TRL-5 up until TRL-8, for real-time soil and crop monitoring of contaminants, such as: PFAS, pesticides, heavy metals, and nutrients at pilot sites in Greece and Spain. Advanced sensors coupled with AI-driven data models and machine learning will establish a remote-sensing framework using autonomous robots and drones, while Earth Observation data will enhance predictive insights into soil health. All tools will integrate into a secure Decision Support System (DSS), enabling and informed and automated decisions for sustainable soil management.

For media inquiries or further information about this survey, please contact:

Rita Barros Silva, APEMETA - Portuguese Association of Environmental Technology Companies

rita.silva@apemeta.pt

Soil quote of the day: "A cloak of loose, soft material, held to the earth's hard surface by gravity, is all that lies between life and lifelessness." --- *Wallace H. Fuller, Soils of the Desert Southwest, 1975*

Find our media channels at our [Linktree](#)



E-SPF digit