



# WHEAT WATCHER

DIGITALLY MONITORED SOIL AND CROP HEALTH

## Draft Programme

**EU Green Week 2026 Partner Event**  
**Webinar: Digital Innovations for Soil Health – Investing in Nature through Sustainable Farming**

**Format:** Online webinar

**Duration:** 90 minutes

**Organisers:** EU research projects WHEATWATCHER, NitroScope (and potentially a 3rd project)

**10:00 – 10:05**

### **Welcome and introduction**

Overview of EU Green Week 2026 and the theme “Investing in Nature”.

**10:05 – 10:15**

### **Investing in nature through soil health innovation**

Policy and research perspectives on the role of soil health in sustainable agriculture and resilient food systems.

**10:15 – 10:30**

### **Project presentation – WHEATWATCHER**

Digital sensing technologies and AI-based tools for monitoring soil health, detecting abiotic stressors, and supporting safe wheat production.

**10:30 – 10:45**

### **Project presentation – NitroScope**

Innovative approaches to nitrogen monitoring and management for improving nutrient efficiency and reducing environmental impacts.

**10:45 – 11:00**

### **Project presentation – bioSOILUTIONS (tbc)**

Nature-based solutions and innovative soil management practices supporting sustainable agriculture and ecosystem restoration.

**11:00 – 11:20**

### **Panel discussion**

**Topic:** Digital technologies and sustainable farming practices for resilient soils

Discussion with project representatives on:

- Soil health monitoring technologies
- Nutrient management and nitrogen cycles
- Supporting farmers through innovation
- Investing in soil health as a nature-positive solution

**11:20 – 11:30**

**Questions & answers and closing remarks**

### **Target audience**

- Policymakers and EU institutions
- Researchers and academic community
- Farmers and agricultural advisors
- Agri-tech companies and industry stakeholders
- NGOs and organisations working on sustainable agriculture and soil health

For further information you may contact the Project Coordinator, Professor Abdul Mouazen, and the Communication Manager, Mrs Zafeiro Vaxevanidou [info@wheatwatcher.eu](mailto:info@wheatwatcher.eu)