Our goal is to promote sustainable agriculture by adjusting nutrient use to real soil needs. By reducing excess use of resources, the system minimizes environmental impact, prevents nutrient runoff, and contributes to more efficient, eco-friendly agricultural practices.

- REAL TIME SOIL MEASUREMENTS
- ✓ AUTOMATED AND SUSTAINABLE IRRIGATION
- SMART NUTRIENT DOSING SYSTEM

# CHECK OUT OUR WEBSITE!





Automated Nutrient Monitoring and Irrigation System

Contact:

soilsense@outlook.pt





# What's the problem?

Currently, nutrient control in irrigation is done manually and inaccurately, leading to waste, environmental impact and low crop efficiency.

### Our Solution

#### **Soil Sensors**



 Measure nutrient and moisture levels in real-time.

## Mobile app



- Set target nutrient proportions.
- Monitor live data.
- Manage the system remotely.
- Sends important alerts.

#### **Automated irrigation system**



 Delivers the precise dosage of nutrients directly to the plants.

#### **Smart analysis**

Compares
measured data
with target
values.



• Calculates the exact amount of water and nutrients needed.

## Why SoilSense?

- Reduce waste.
- Improve yield.
- Protect the environment.
- Make smarter decisions.