

Next-gen wireless sensing with eco-friendly electronic design

We are developing an integrated system to measure soil health and deliver high-resolution, real-time soil property data.

FieldSense is designed with circularity and sustainability at its core. We have a prototype under laboratory validation

Our Approach

- **Measures the essentials farmers care about:** soil moisture, temperature, and pH
- Advanced RF materials for **real-time soil insights**, helping optimise irrigation and field decisions
- Wireless, IoT-enabled deployment for **easy setup and seamless farm-wide monitoring**
- AI-driven analytics that turn sensor data into **clear, actionable guidance**
- Offers deeper soil condition and nutrient-related signals
- **Recyclable, biodegradable** design that supports sustainable farming practices

We are looking for:

- Collaborations with researchers in soil science, agritech, & sensor systems
- Input from potential end-users to tailor the device to their needs
- Opportunities for pilot testing in controlled environments

