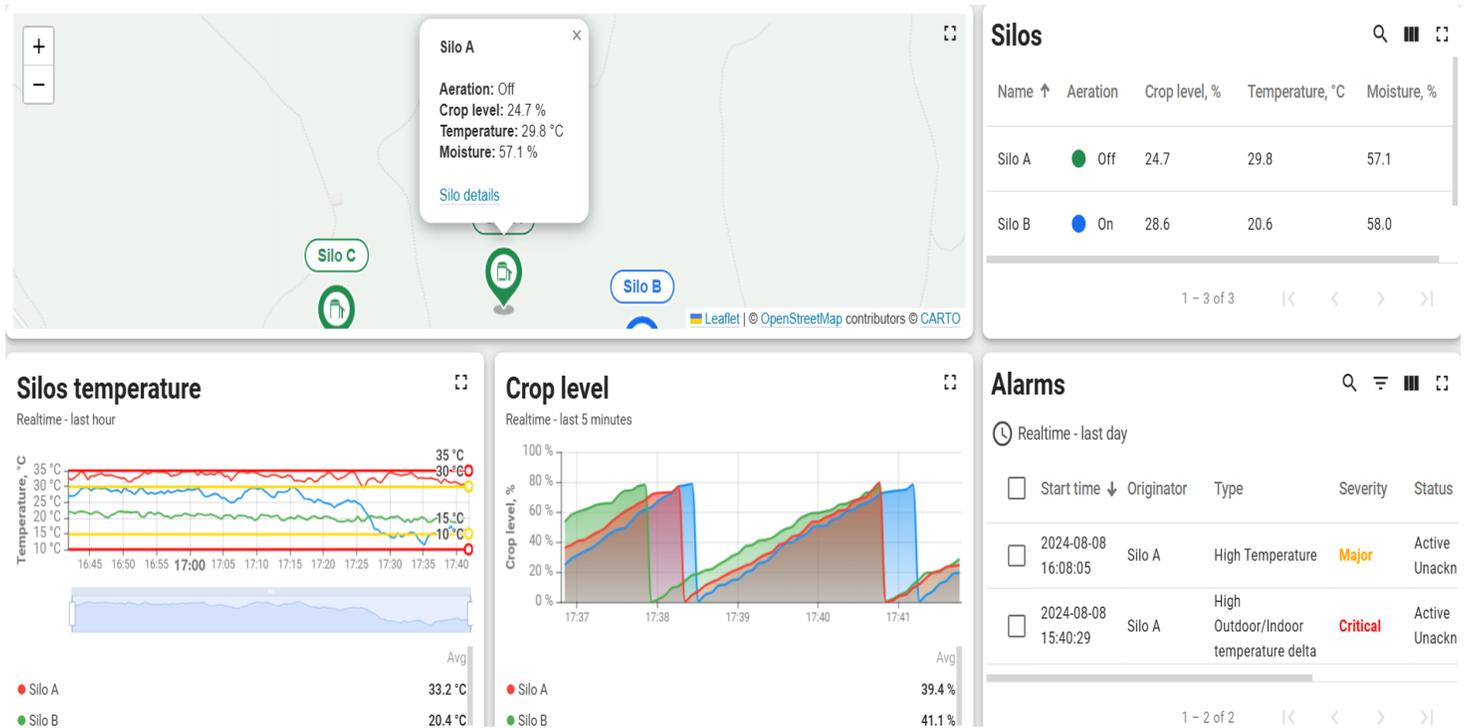


Sustainable Agriculture

Greenoj is committed to shaping a smarter & sustainable future through advanced technology, innovative solutions, and expertise.

FarmGuard : Smart Farm Management

- FarmGuard from Greenojo is a comprehensive smart farm management platform that uses IoT and AI to monitor and manage farm operations.
- It provides farmers with real-time data and insights to ensure optimal farm performance, prevent equipment failures, and enhance security.





- The primary goal of FarmGuard is to improve operational efficiency, resource management, and farm security.
- By leveraging IoT sensors and AI-driven insights, FarmGuard aims to enhance farm productivity and reduce operational risks.



IoT Sensor Integration: Uses ThingsBoard to integrate sensors for soil moisture, temperature, humidity, and more.



Real-Time Monitoring: Provides data visualization and alerts using Grafana and Prometheus.

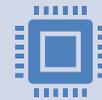
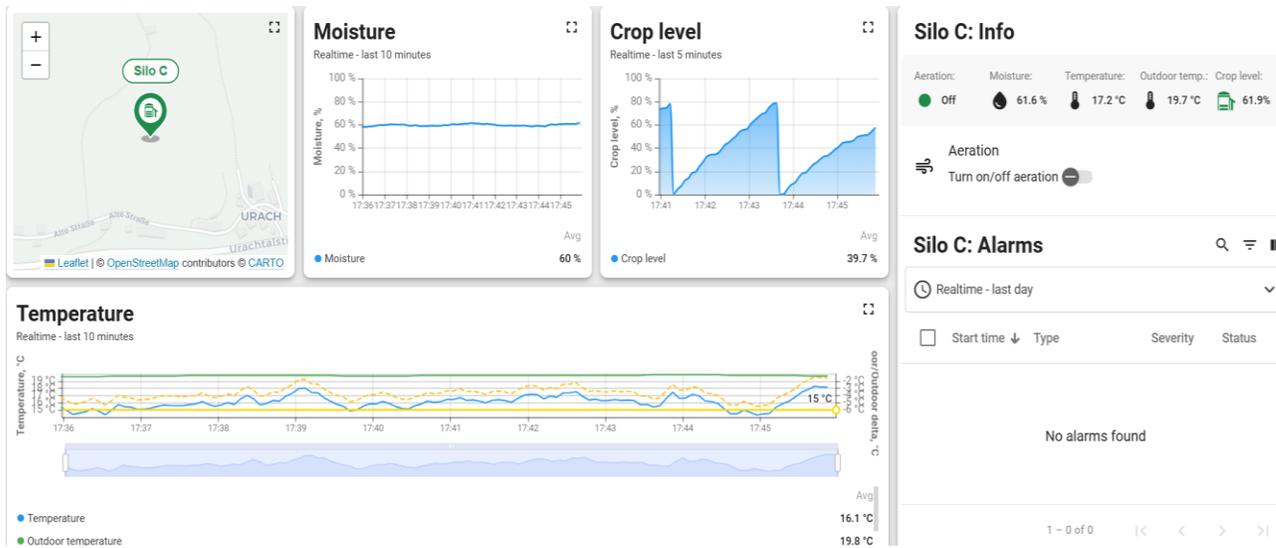


Predictive Maintenance: Implements machine learning models with Apache Spark to predict and prevent equipment failures.



Security Surveillance: Utilizes ZoneMinder for comprehensive farm surveillance and security.

FarmGuard : Business Value



Operational Efficiency: Real-time monitoring and predictive maintenance can reduce downtime by up to 25%.



Resource Management: Improved resource utilization can lead to cost savings of up to 15%.



Enhanced Security: Comprehensive surveillance reduces the risk of theft and damage, protecting farm assets.



Cost Savings: Efficient resource management and reduced downtime can result in significant cost savings.

Thank You

Building Sustainable Digital Enterprises

