



## Discover the future of precision agriculture with Aquaview

Designed to be compatible with various types of crops, Aquaview allows you to save water and improve productivity. Learn about an innovative, low-cost and equipment-free solution that accurately monitors soil moisture and provides a comprehensive and frequent overview of this essential parameter.

### HOW AQUAVIEW CAN IMPROVE YOUR IRRIGATION MANAGEMENT?



#### Soil Moisture Monitoring

Real-time, high-resolution moisture readings suitable for any crop.

#### Soil Temperature Approximation

Essential insights into soil temperature for comprehensive soil health assessment.



#### Daily Data Updates

Up-to-the-minute updates for the most accurate irrigation decisions.

#### Weather Data Integration

Blends soil data with weather conditions for predictive irrigation planning.



#### User-Friendly Interface

Intuitive dashboards and actionable insights for all types of crops.

#### Crop-Agnostic Analysis

Tailored to work seamlessly with various crop types, ensuring broad applicability.



#### AI-Driven Predictive Models

Advanced models providing accurate soil moisture and temperature forecasts.

#### Customizable Alerts

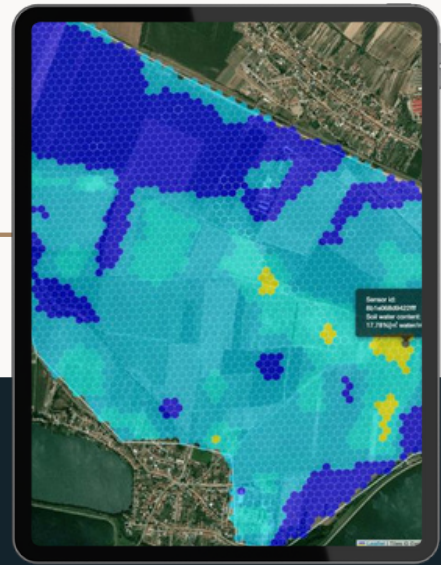
Set alerts for moisture and temperature thresholds critical to your crop's health.



Aquaview is the sustainable and high-precision solution for smart irrigation in vineyards and other crops, that saves water, improves productivity and product quality, and adapts to your needs.

## AQUAVIEW IS MORE THAN A PRODUCT

It's a scalable, easy-to-use, and affordable solution that adapts to your needs and eliminates the hassle of hardware sensors.



## The smart solution for precision irrigation in any crop.

Whether you grow grapes, vegetables, or anything else, Aquaview helps you deliver the right amount of water at the right time. Aquaview combines soil moisture and temperature data to optimize your irrigation schedule, boosting your crop yield and quality.

## Case Study Highlight

### How Treasury Wine Estates improved their irrigation management with Aquaview



## TREASURY WINE ESTATES

In a pilot with Treasury Wine Estates, **Aquaview** demonstrated its value, delivering hourly soil moisture updates with a remarkable 1.5% mean absolute error.

**The result?** Substantial cost savings, meticulous water management, and an unequivocal endorsement of Aquaview's precision.

Treasury Wine Estates is one of the world's largest wine companies, with over 13,000 hectares of vineyards.

The company partnered with Aquaview to pilot their innovative soil moisture analysis solution on an **80 ha area**, using soil probe data from **October 2020** to **February 2023**.

### Benefits Demonstrated

High accuracy in soil moisture content mapping.

Significant reduction in costs compared to traditional hardware-based methods.

Effective scalability and control without physical sensor limitations.

### Results

**Difference between predicted and actual values:**

The mean absolute error value of the distribution was **1.5%**, and the median was **1%**.

### Frequency & Detail

Hourly updates on soil moisture with a high degree of detail.

### SMM Correlation between actual vs model:

High fidelity in correlating across the time period

**Aquaview** is based on a robust technical architecture, designed to be scalable and secure. Using the latest in machine learning, satellite imagery analysis, and geospatial data processing, Aquaview integrates easily with existing management systems, offering a comprehensive and intuitive solution for irrigation optimization, without the complications and risks of physical equipment.

## INTEGRATION AND SECURITY

Aquaview is designed to work seamlessly with your existing management systems, ensuring compatibility and ease of use. We use state-of-the-art encryption and authentication methods to protect your data and comply with the highest standards of security and privacy. We also follows the best practices of data governance and quality, ensuring the reliability and accuracy of the information you receive.



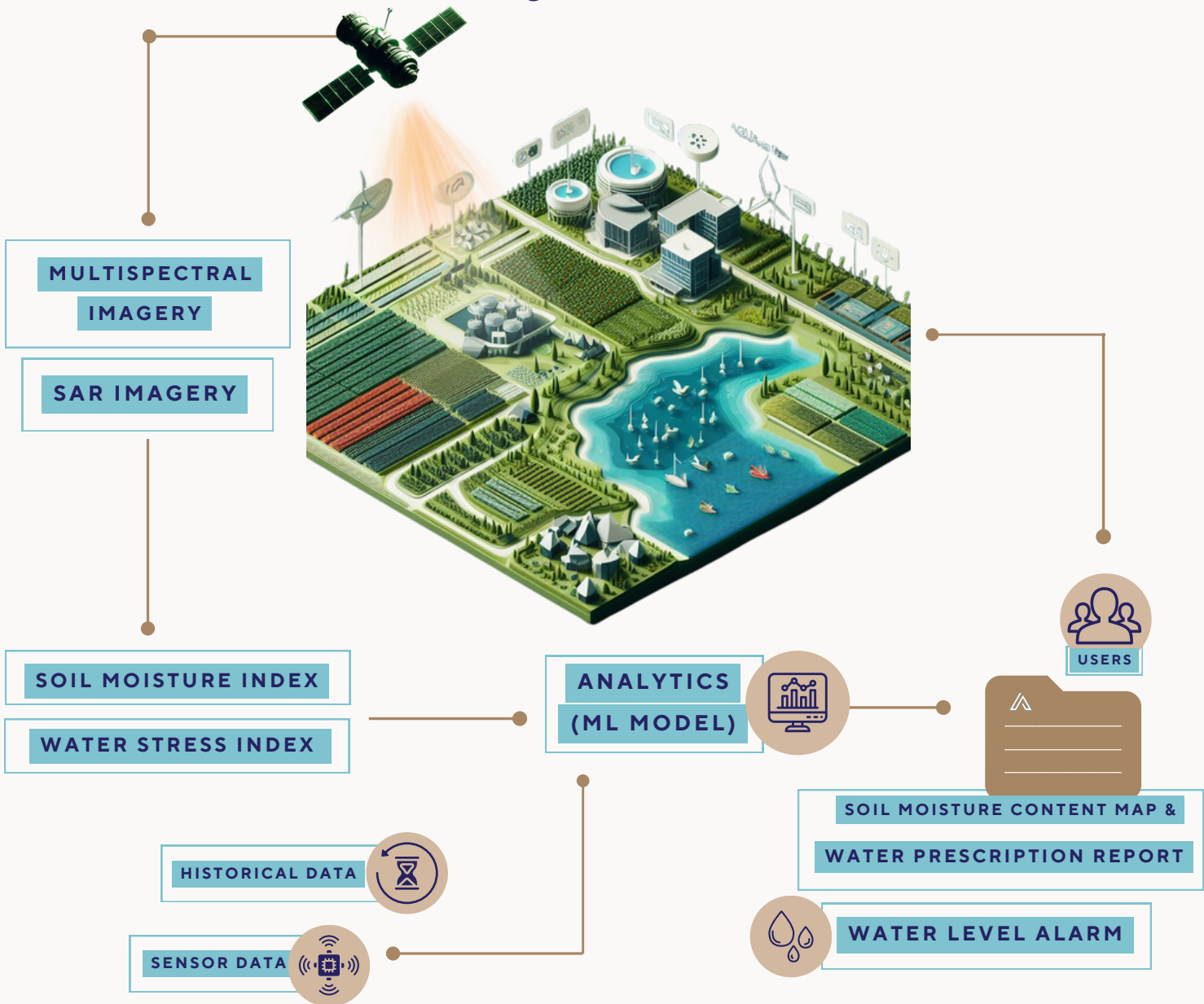
The optimization of water for irrigation is a challenging and prescient problem that agriculture faces today, both in terms of sustainability and environmental aspects

**Agriculture consumes about 70% of the world's water withdrawals, and only 10% is used efficiently.**

**MORE INFO**



**Aquaview** is more economical, reliable and sustainable than traditional soil sensors, which have high costs, risks of damage and replacement, and provide limited information. Aquaview is the best solution for irrigation optimization, as it offers a complete and updated view of the soil, allowing you to make data-based decisions.



**Do you want to save water, increase productivity and protect the environment?**

**Don't waste time and contact Aquaview today.**

**GET IN TOUCH**



**Click Here to book a meeting with the sales team**



**Aquaview is your partner for a more efficient and responsible agriculture.**