Discover the demonstration sites

Two different field conditions. Shared learning for resilient agriculture.

Békalta: solar-powered irrigation

The pilot will coordinate irrigation demand with available solar energy and conditions in the water network. Planned work includes photovoltaic and electrical integration, pump and valve control, and monitoring of flow, pressure, soil moisture and energy use.

Ouerdanine: water-quality assurance

The pilot will focus on monitoring treated wastewater used for irrigation. Planned work includes water-quality sensing, hydraulic monitoring, data transmission, threshold alerts and validation procedures, with environmental and sanitary requirements guiding the approach.

From experience to adaptation

The two pilots will help identify what works, under which conditions and with which local capabilities. Technical documentation, training materials and a replication roadmap will support future adaptation in contexts facing similar challenges.

The planned path

Assess and design. Install and connect. Test and monitor. Train and share. Results will be communicated as validated evidence becomes available.

Demonstration document for landing-page review. Not an approved project publication.
Source: supplied Grant Agreement and WP3/WP4 kick-off materials. Activities described are planned.