

Note: Screenshots are for illustrative purposes only. The software interface is fully available in English.

## CROSS-FUNCTIONAL SOLUTIONS: COMPREHENSIVE SUPPORT FOR AGRICULTURAL OPERATIONS

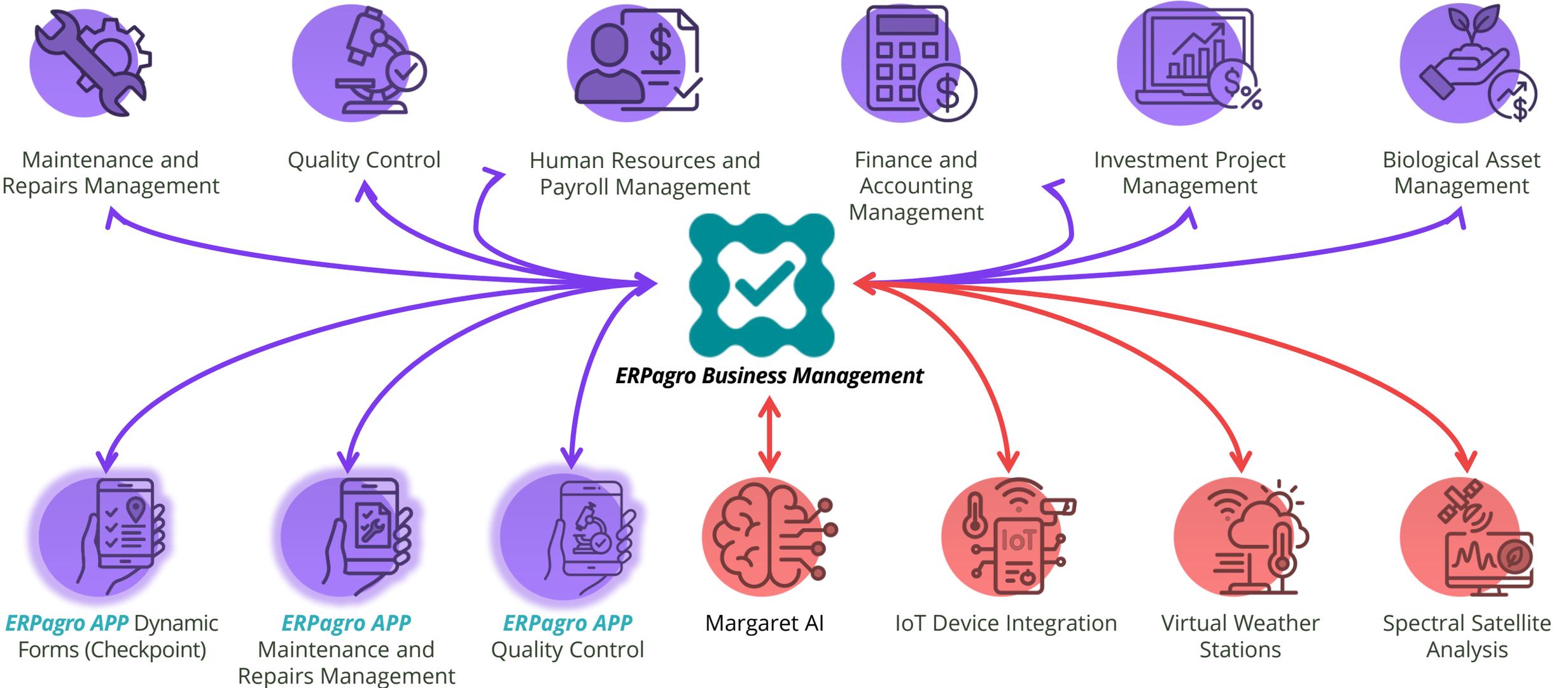
Integrates **quality, maintenance, administrative management, finance, human resources, and technological innovation (IoT and AI)** within a single environment. Tools designed to **support the entire value chain, optimize resources, and ensure efficiency** from start to finish.



Supporting field, packing, and sales  
with efficient and profitable  
processes.

# ERPagro Modules and Apps | Cross-Functional and Business Management

Cross-functional solutions that strengthen the overall management of the agricultural business — from finance, payroll, and quality control to IoT, AI, and advanced analytics. A unified platform that connects field and packing operations with strategic vision and comprehensive traceability.



# Maintenance and Repairs Management

**Objective:** Minimize downtime and costs while ensuring financial control for each repair.

Maintenance managers, workshop supervisors, agricultural and administrative managers, cost accountants, and directors.



**Work Orders:**  
Creation, tracking, and digital closure of maintenance tasks.



**Preventive Scheduling:**  
Automatic programming based on usage hours, mileage, or calendar.



**Spare Parts and Supplies Management:**  
Control of stock and consumables.



**Integrated Costs:**  
Labor, external services, and assigned materials.



**Technical History:**  
Digital log of preventive and corrective maintenance.



**Efficiency Indicators:**  
Cost per hour of use, failure frequency, and equipment availability.



# Quality Control

**Objective:** Detect and correct quality deviations early, preventing customer rejections and ensuring compliance with national and international certifications.

Quality technicians, packing supervisors, certification managers, operations managers, and commercial directors.



## Configurable Inspections:

Custom checklists by client, crop, or standard.



## Integrates Digital Evidence in Real Time:

Photos, parameters, and signatures.



## Immediate Alerts:

Notifications of non-compliance or deviations.



## Incident Management:

Recording, tracking, and closing of non-conformities.



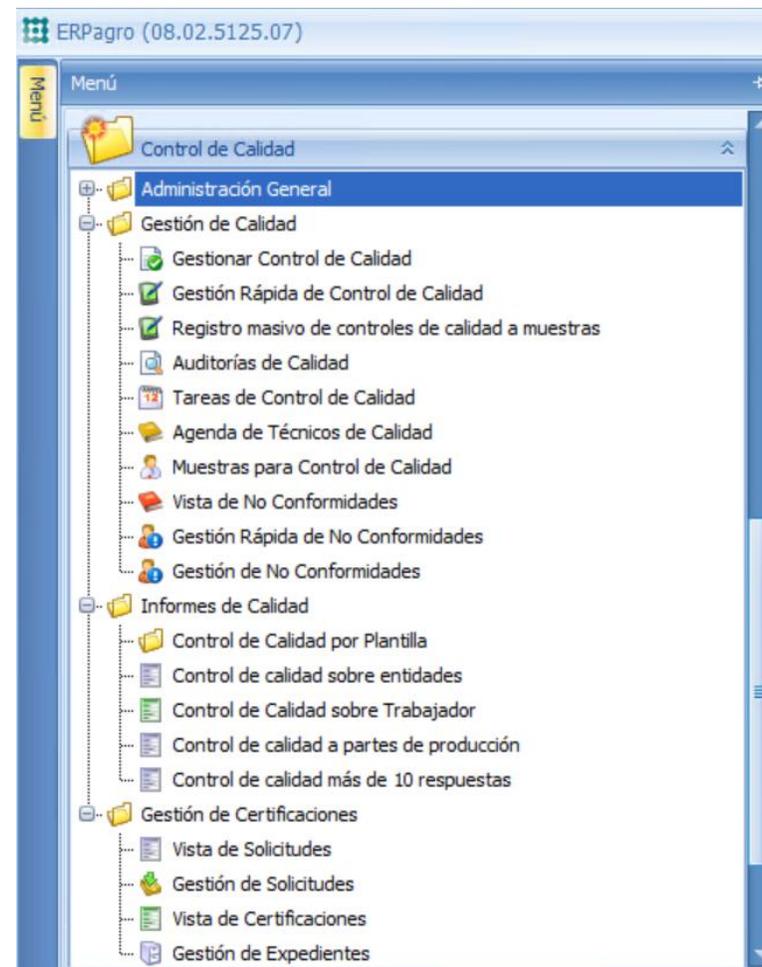
## Ensures Compliance with Standards:

(GlobalG.A.P., PrimusGFS, Organic, etc.)



## Traceability Integration:

Each lot linked to its quality control results.



# Human Resources and Payroll Management

**Objective:** Optimize workforce management, reduce payroll errors, and ensure labor traceability and regulatory compliance across all areas.

Field supervisors, crew managers in packing plants, payroll, administration, and management areas.



## Attendance Control:

Digital registration of entries and exits using biometrics, QR codes, or facial recognition.



## Contract Management:

Centralized registration, termination, and control of temporary and permanent employees.



## Incidents and Performance:

Recording of absences, overtime, breaks, and productivity.



## Integrated Payroll:

Automated calculation of salaries and benefits, connected to Finance and Accounting.



## Legal Compliance:

Generation and storage of traceable contracts, reports, and evidence.



## Workforce Indicators:

Reports on labor distribution, crew efficiency, and performance.



# Finance and Accounting Management

**Objective:** Replace scattered records with a centralized, accurate, and traceable financial control system.

Finance directors, accountants, treasury managers, administrative managers, and auditors.



## Automated Payments and Collections:

Management of accounts payable and receivable with full document control.



## Treasury and Cash Management:

Tracking of bank accounts, cash flows, and cash audits.



## Analytical Accounting:

Monitoring of costs and margins by farm, crop, client, or campaign.



## Budget Accounting:

Dynamic budgeting with real-time comparison against actual execution.



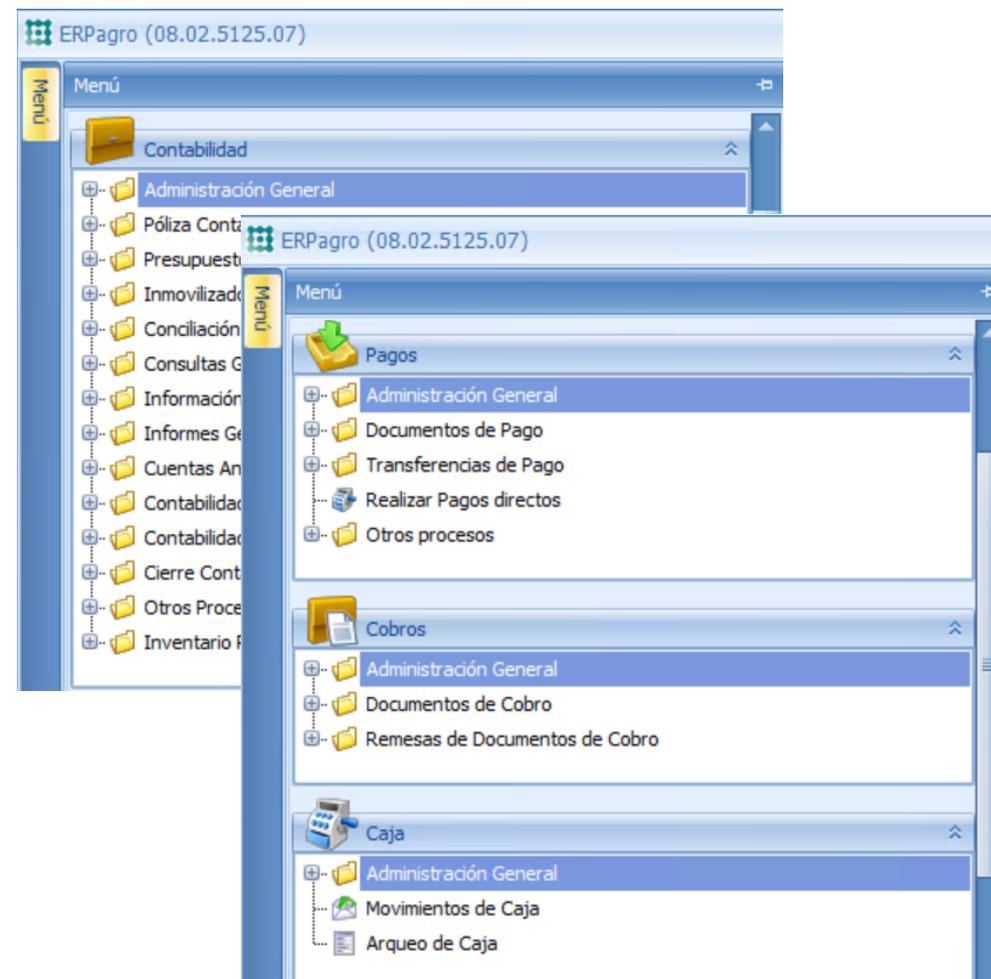
## Tax Compliance:

Electronic Invoicing / e-Invoicing and generation of regulatory reports.



## Bank Reconciliation:

Streamlined processes for identifying differences and making adjustments.



# Investment Project Management

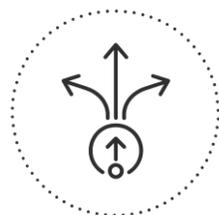
**Objective:** Facilitate strategic decision-making through the analysis of profitability, risk, and return on agricultural investments.

Board members, investors, financial managers, and planning officers.



## Financial Simulation:

Calculation of key indicators such as ROI, NPV, and IRR.



## Multiple Scenarios:

Comparative analysis between projects or alternatives.



## Integration of Real Data:

Connection with cost, production, and finance modules.



## Document Management:

Attachments, technical studies, and digital support for each project.



## Long-Term Forecasting:

Multiyear financial models with growth scenarios.



## Progress Control:

Monitoring of project status, budget, and deviations.



# Biological Asset Management

**Objective:** Integrate the economic value of biological assets into financial statements, ensuring traceability, regulatory compliance, and support for strategic decision-making.

Financial directors, accountants, auditors, administrative managers, and board members.



## Asset Valuation:

Calculation of the present value of plantations and perennial crops.



## Integrated Accounting Standards:

Methodology aligned with international agricultural accounting practices (based on IFRS IAS 41 or U.S. GAAP ASC 905).



## Stage-Based Control:

Value differentiation according to crop age, condition, or development.



## Accounting Connection:

Integration with Finance, Analytical Accounting, and Budgeting modules.



## Historical Monitoring:

Recording and comparison of asset value over time.



## Strategic Indicators and Reports:

Investment metrics, generated value, and future projections.



# ERPagro APP Dynamic Forms (Checkpoint)

**Objective:** Replace manual and scattered records with customizable and traceable digital forms, ensuring control, evidence, and regulatory compliance.

Field technicians, packing supervisors, quality managers, auditors, and administrative staff.



**Flexible design:** Create custom forms with text fields, numbers, checklists, and dropdown selectors.



**Validated data capture:** Apply rules for mandatory fields, automatic calculations, and predefined values.



**Integrated evidence:** Attach photos, signatures, and documents directly within each record.



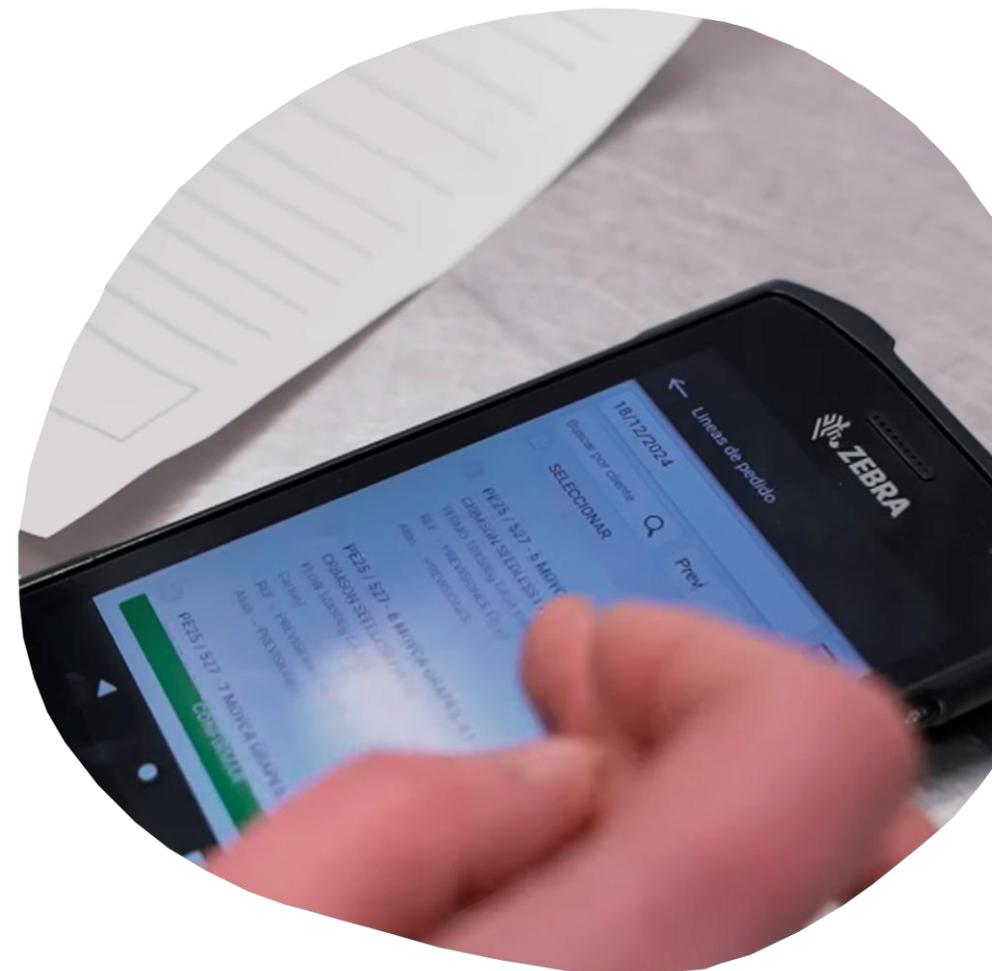
**Offline operation:** Record data in areas without connectivity, with later synchronization.



**Dynamic checkpoints:** Applicable to people, assets, crops, and processes.



**Instant reporting:** Convert collected data into performance indicators and management reports.



# ERPagro APP Maintenance and Repairs Management

**Objective:** Digitize the maintenance and repair process by eliminating paper records and improving the traceability of each piece of equipment.

Mechanics, maintenance technicians, workshop managers, and field supervisors.



**Field recording:** Capture work orders, labor, and spare parts directly from the field.



**Digital evidence:** Photos, signatures, and attached documents integrated into the system.



**Offline operation:** Ability to work without an internet connection and synchronize later



**Automatic alerts:** Notifications for pending or upcoming maintenance tasks.



**Instant connection:** Integration with ERP and the Workshop & Repairs module.



**Practical applications:** Failures detected in the field, packing areas, or external services.



# ERPagro APP Quality Control

**Objective:** Eliminate manual records, reduce errors, and ensure that quality information flows in real time to the ERP system, supporting commercial decisions and certifications.

Quality technicians, packing supervisors, certification managers, and internal auditors.



**Configurable checklists:**  
Digital forms adapted to each crop or quality standard.



**Validated capture:**  
Quality parameters with predefined ranges.



**Digital evidence:**  
Photos, comments, and signatures integrated into each inspection.



**Offline mode:** Operate without an internet connection, with automatic synchronization once reconnected.



**Instant alerts:**  
Notifications for critical deviations in the field or packing areas.



**Reports and analysis:**  
Graphical indicators by batch, campaign, or client.



# Margaret AI

**Objective:** Improve decision-making through predictive and prescriptive algorithms that optimize costs, increase profitability, and reduce risks across the entire agri-food value chain.

General managers, production managers, financial officers, field technicians, and packing supervisors.



### Agricultural predictions:

Estimation of yields, crop quality, and input requirements.



**Cost models:** Financial projections and scenario comparisons.



### Automatic recommendations:

Optimal actions for irrigation, fertilization, harvesting, and shipping.



**Trend analysis:** Market behavior, demand, and price dynamics.



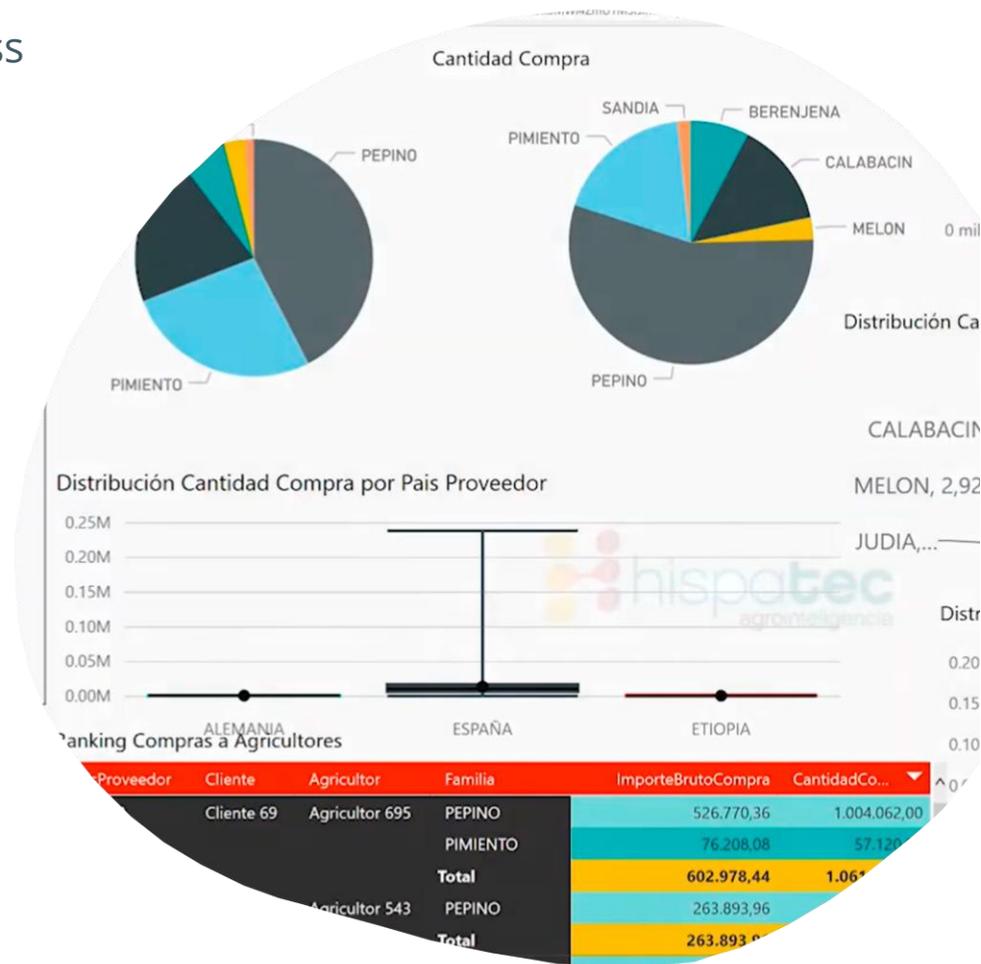
### Smart alerts:

Identification of risks in the field, production, and logistics.



### Resource optimization:

Efficiency suggestions for labor, machinery, and logistics.



# IoT Device Integration

**Objective:** Ensure real-time monitoring, automate critical processes, improve traceability, and guarantee efficiency across the entire agri-food value chain.

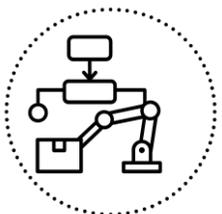
Agricultural producers, packing managers, field technicians, quality supervisors, operations managers, and directors.



**Environmental monitoring:** Capture of humidity, temperature, radiation, wind, and soil quality data.



**Process automation:** Activation of irrigation, climate control, machinery, or alarms based on defined parameters.



**Industrial supervision:** Integration with plant machinery and equipment for production and maintenance control.



**Integration with ERPagro:** Data is directly connected with production, traceability, quality, and cost modules.



**Decision accuracy:** Improved control in the field and packing operations.



**Real-time alerts:** Automatic notifications for deviations or critical incidents.



# Virtual Weather Stations

**Objective:** Ensure decision-making based on reliable climate data, reducing production risks, improving planning, and ensuring traceability under environmental conditions.

Field technicians, agronomists, production managers, and heads of quality, logistics, and management areas.



## Weather predictions:

Local and regional models that anticipate climate changes.



## Real-time climate monitoring:

Recording of temperature, humidity, wind, radiation, precipitation, and other parameters.



## Automated alerts:

Notifications for climate risks such as frost, storms, heavy rain, or drought.



## Climate history:

Data storage for comparative analysis, audits, and certifications.



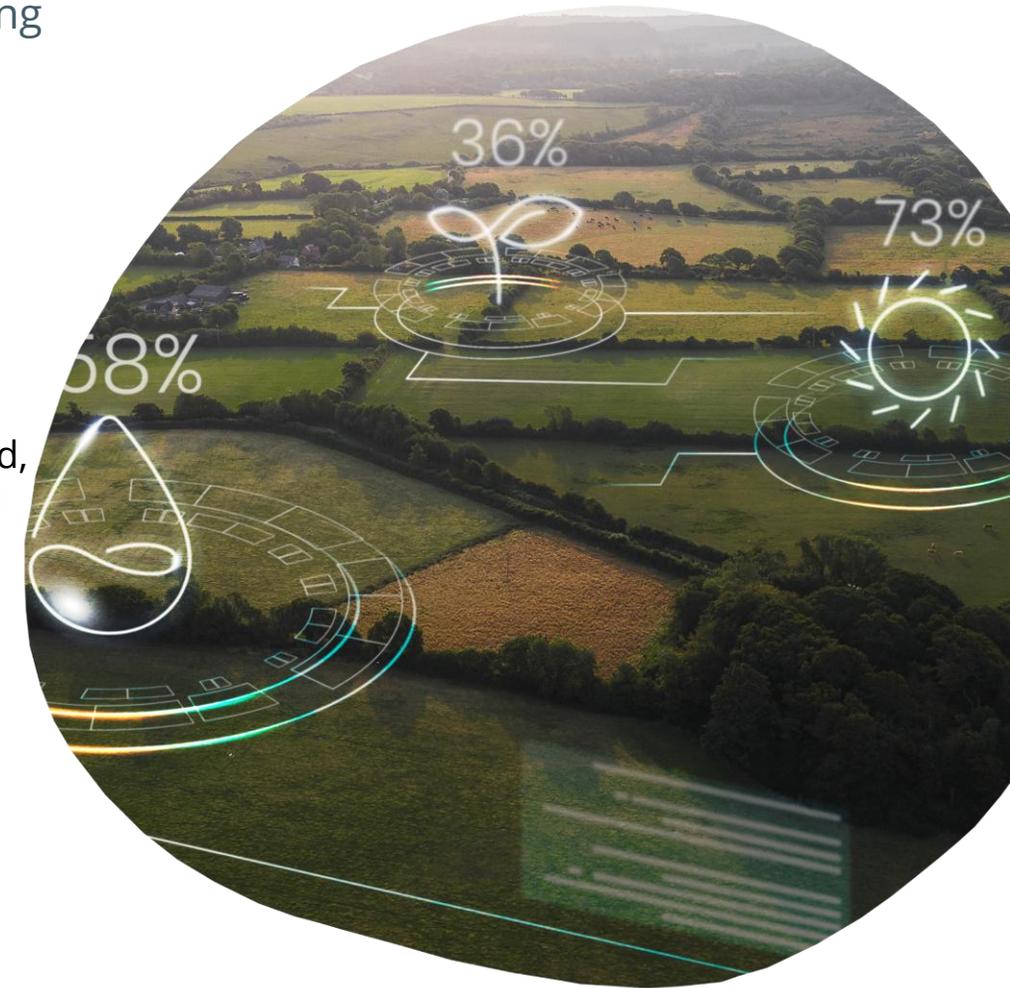
## Integration with ERPago:

Data linked to crop tasks, input applications, irrigation, and crop protection.



## IoT compatibility:

Integration with soil sensors, physical stations, and satellites.



# Spectral Satellite Analysis

**Objective:** Support irrigation, nutrition, and crop protection decisions based on satellite imagery and predictive models.

Agronomists, field technicians, production managers, and heads of quality, management, and logistics areas.



**Periodic satellite monitoring:** Access to updated images of plots and fields.



**Early detection:** Identifies water stress, pests, and nutrient deficiencies.



**Continuous monitoring:** Tracks crop evolution throughout the season.



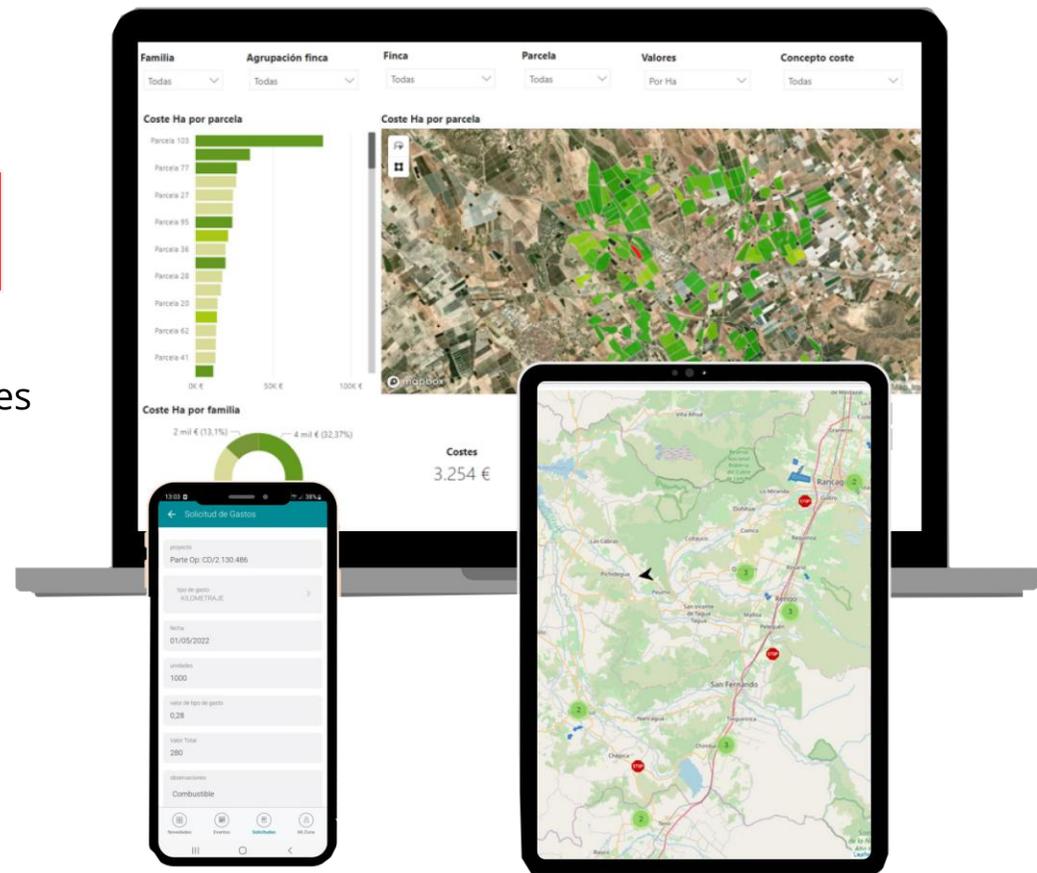
**Input optimization:** Applies fertilizers and irrigation with precision.



**Integration with ERP:** Data linked to crop activities, applied inputs, and recorded production.



**Agricultural profitability:** Reduces costs and improves yields.



# Data Sheets

Download the descriptive data sheets and explore in detail the features, workflows, and integrations of each module, app, and service.



 ERPagro - Pre-Harvest



 Efemis - Field



 ERPagro - Post-Harvest and Packing



 ERPagro - Cross-Functional Business Management

# Contact us for a Demo or Proof of Concept

At **Hispatec**, we are ready to partner with you on your agri-food digital transformation journey. Request a demo, and a specialized consultant will contact you (in English) to schedule a personalized session. We bridge the gap with seamless remote support.

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