

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

FROM SEEDBED TO FIELD: EFFICIENCY AND AGRICULTURAL PROFITABILITY

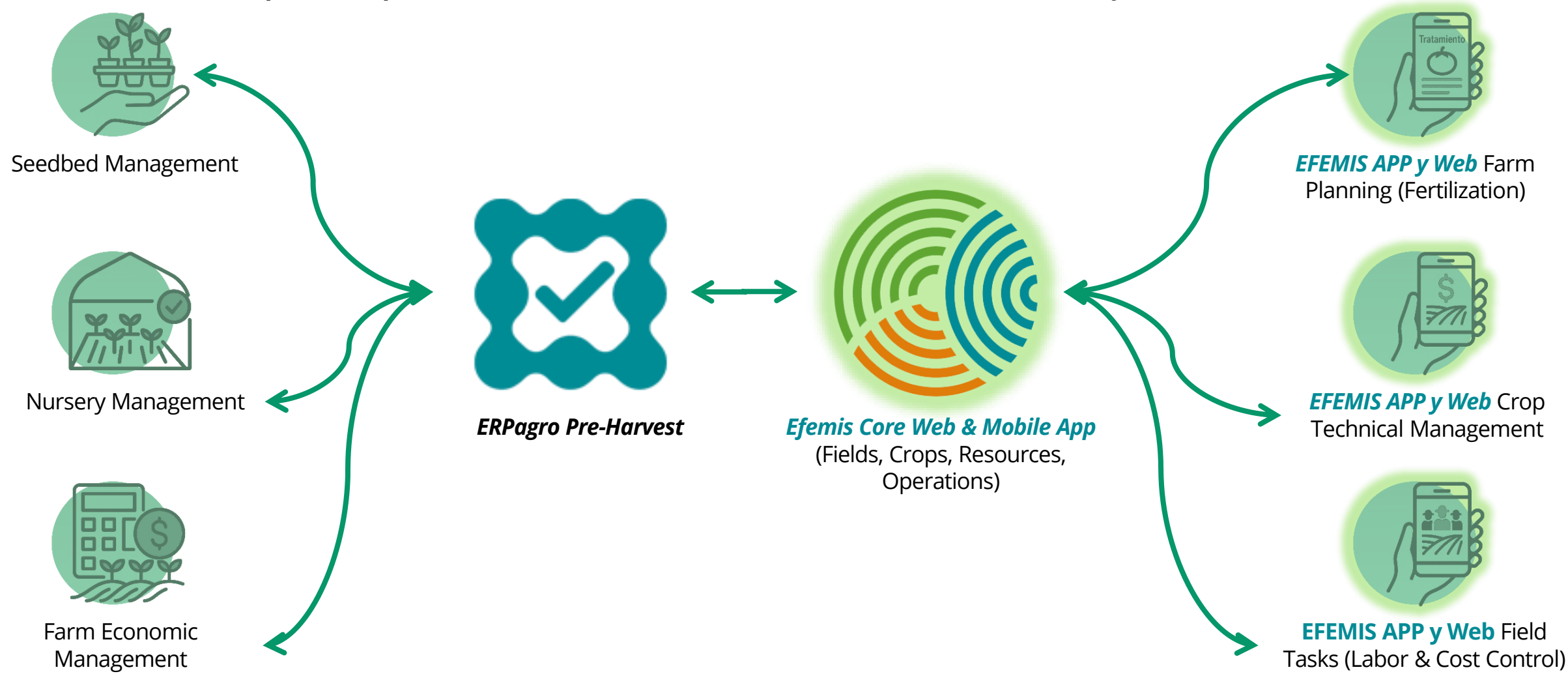
Digitize every task to transform pre-harvest and field operations into **reliable data**. Manage **labor, machinery, and costs** with precision, boost **productivity**, and ensure **traceable processes** across the entire operation.



Smart solutions for the modern agricultural field.

ERPagro + Efemis Modules and Apps | Pre-Harvest and Field Operations

Integrated solutions that turn the management of **seedbeds, nurseries, and field operations** into **reliable data**.
Connects the field with **plans, crops, costs, and resources** to ensure **control and full traceability from the seed onward**.



Seedbed Management

Objective: Plan, record, and oversee the entire plant propagation process, ensuring traceability, quality, and order fulfillment.

Designed for plant producers, nurseries, and growers with their own seedbed operations.



Complete Seed Traceability: track seed entries, batches, and varieties.



Digital Order Management: with automated production orders.



Batch Production Control: manage sowing, irrigation, and treatments.



Document Automation: shipping notes, invoicing, and returnable materials.



Accurate Sowing Planning: by species, variety, area, and season.



Production and Efficiency Reports: exportable and integrated with BI tools.



Nursery Management

Objective: Control the entire production process to reduce losses and ensure traceability and real unit costs.

Designed for plant producers and nursery managers responsible for seedling development and transplant readiness.



Production and Logistics: Record cuttings, pruning, transplanting, and irrigation activities.



Locations and Movements: Manage and control greenhouses, benches, and field plots.



Operational Traceability: Track the origin, activities, and responsible personnel for each batch.



Real-Time Inventory and Orders: Process manual or automated orders with synchronized inventory updates.



Costs and Profitability: Calculate unit cost per plant or batch, with real-time financial visibility.



Forecasts and KPIs: Generate volume forecasts and BI-driven performance reports.



Farm Economic Management

Objective: Determine the actual production cost, analyze deviations, and maximize the profitability of each crop or season.

Farm directors, financial managers, and field operation administrators.



Accurate and Real Costs: by crop, field, or farm block.



Clear and Unit Profitability: to identify the most profitable crops.



Dimensional Analysis: margins and comparative reports by farm, client, or season.



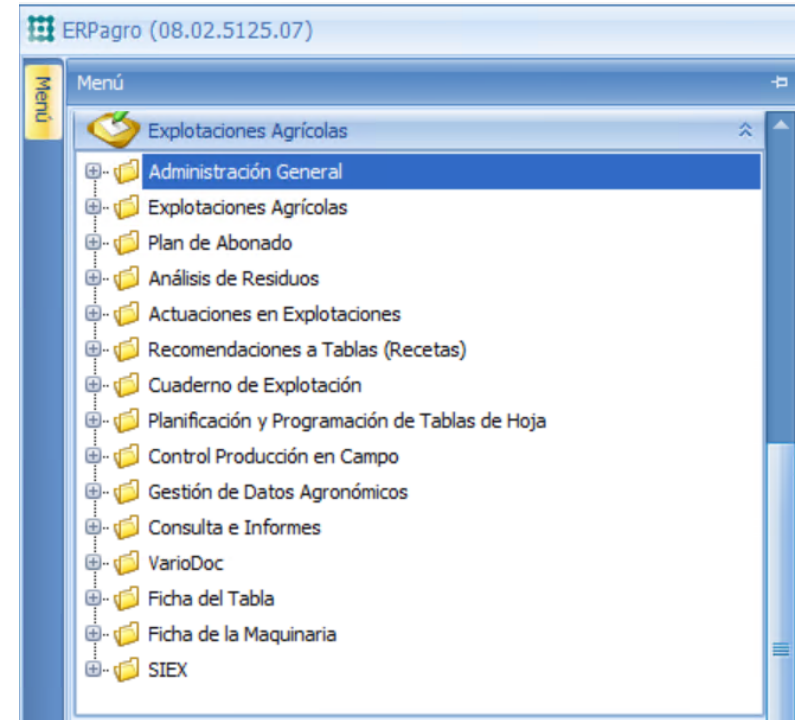
Budget Management: with deviation alerts and variance tracking.



Exportable Analytical Reports: in PDF, Excel, or BI dashboards.



Predictive Economic Forecasts: with “what-if” scenario simulations.



EFEMIS Core

Objective: Manage the entire farming operation — including fields, crops, resources, work orders, costs, planning, traceability, reports, and analytics.

Farm directors, administrators, and planning managers.



Field Mapping: management of zones, fields, and subfields with detailed technical and financial data.



Crops and Seasons: Control of costs, consumption, and yield forecasts.



Master Data: unified registry of species, varieties, nurseries, and warehouses.



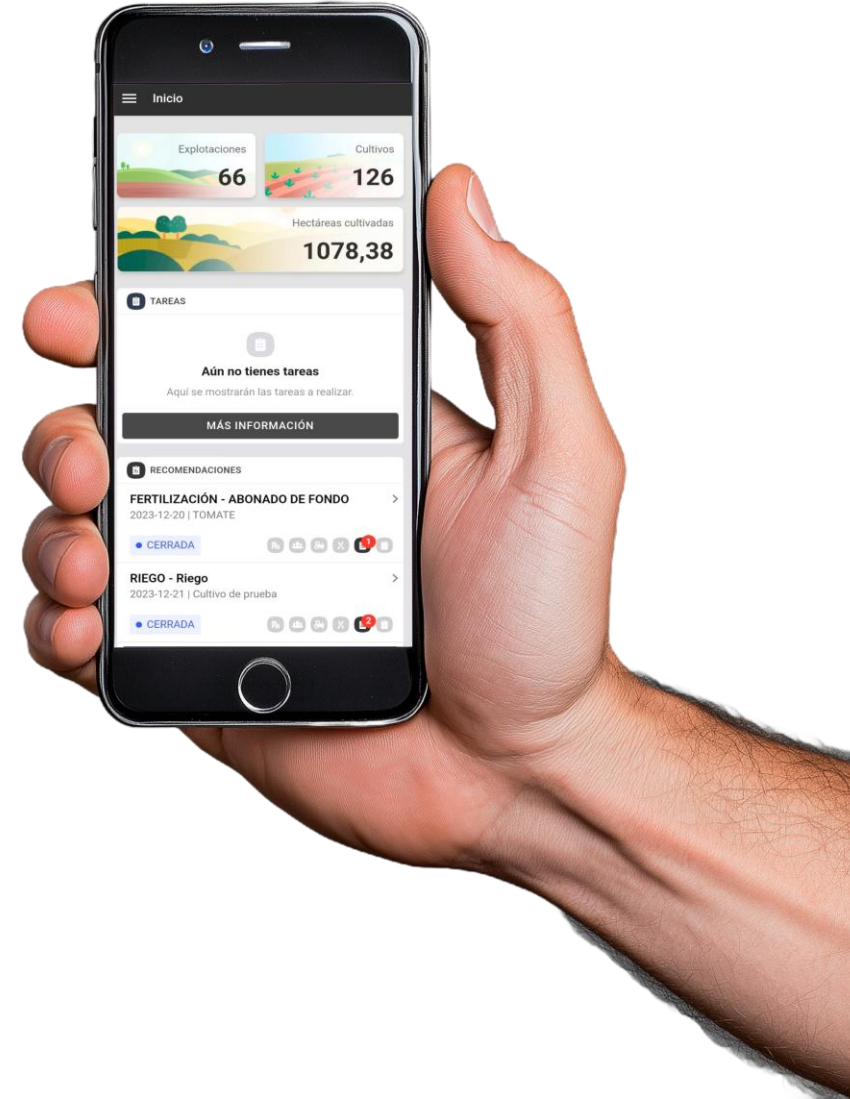
Work Orders: planning and tracking of tasks, resources, and inputs.



Resources: real-time control of workers, machinery, and materials.



Recommendations: optimization of fertilization, irrigation, and treatment plans.



EFEMIS Farm Planning (Fertilization)

Objective: Design, manage, and control nutritional, production, contractual, and strategic plans.

Agronomy technicians, crop nutrition managers, farm administrators, and management teams.



Plan Creation:

Nutritional, production, and contractual plans by crop, field, or season.



Harvest Forecasting:

Based on actual and planned planting data.



Budgets and Consumption:

Control of costs and projected margins.



Contract and Certification Management:

Ensures regulatory compliance and audit readiness.



Automated Recommendations:

Application rates and timing based on the defined agronomic strategy.



Comparative Reports:

Planned vs. actual results to evaluate performance effectiveness.



EFEMIS Crop Technical Management

Objective: Execute field recommendations, record georeferenced data, and optimize input usage.

Agronomy technicians and field supervisors.



Georeferenced Management (even offline):

Automatic synchronization as soon as connection is available.



Optimization of Nutrition and Fertilization:

Precise plans that reduce input usage and improve yields.



Comprehensive Crop Protection:

Early detection of pests and alerts for quick decision-making.



Efficient Irrigation Control:

Manage sectors, tanks, and controllers with detailed summaries.



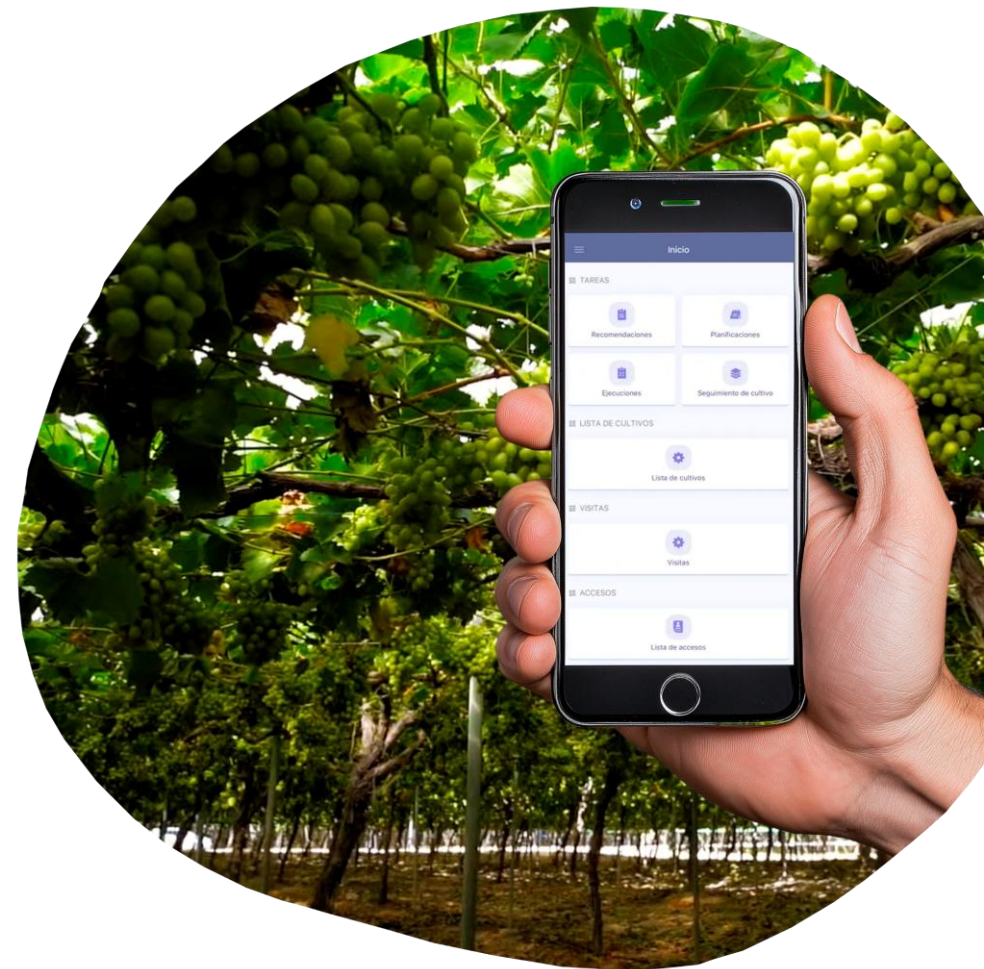
Digital Field Execution:

Work orders and task planning directly from mobile devices — no paper required.



Advanced Technical Monitoring:

Multispectral comparisons and real-time progress tracking.



EFEMIS Field Tasks (Labor & Cost Control)

Objective: Record attendance, supervise crews, control resources, and measure productivity to optimize labor costs.

Field supervisors, cost managers, farm administrators, and payroll officers.



Attendance Control:

Real-time registration using QR, biometrics, or smart credentials (NFC).



Personnel and Work Order Management:

Assignment of crews, tasks, and activities.



Productivity Measurement:

Individual performance tracking by crew or machinery.



Resource Control:

Monitoring of machinery, materials, and man-hours.



Digital Supervision:

Live progress monitoring with daily reports and alerts.



Integration:

Connects with ERPagro, Finance, HR, and Payroll modules to consolidate labor costs.



EFEMIS Comprehensive Field Management

From field data capture to strategic decision-making, all within a single digital workflow.

- Efemis connects the field with strategic management.
- What used to be manual and scattered records is now real-time digital information.
- This data is automatically processed, turning it into clear and structured insights.
- Finally, the information is analyzed, generating indicators that enable managers and directors to make better decisions at the right time.



Data Capture (Information)

1. Technicians and supervisors record field data directly using EFEMIS (e.g., mobile app).
2. Tasks, resources, yields, and observations are digitized, eliminating manual entry.

Data Processing

1. Recorded information is centralized within the ERPagro platform.
2. The system automatically processes data such as costs, labor hours, and applied inputs.
3. This creates a structured, reliable, and traceable database.

Data Analysis (Indicators)

1. Processed data is transformed into visual reports and dashboards.
2. Key performance indicators are generated: costs per hectare, productivity per plot, and resource usage.
3. This enables real-time decision-making based on objective metrics.

Data Sheets

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



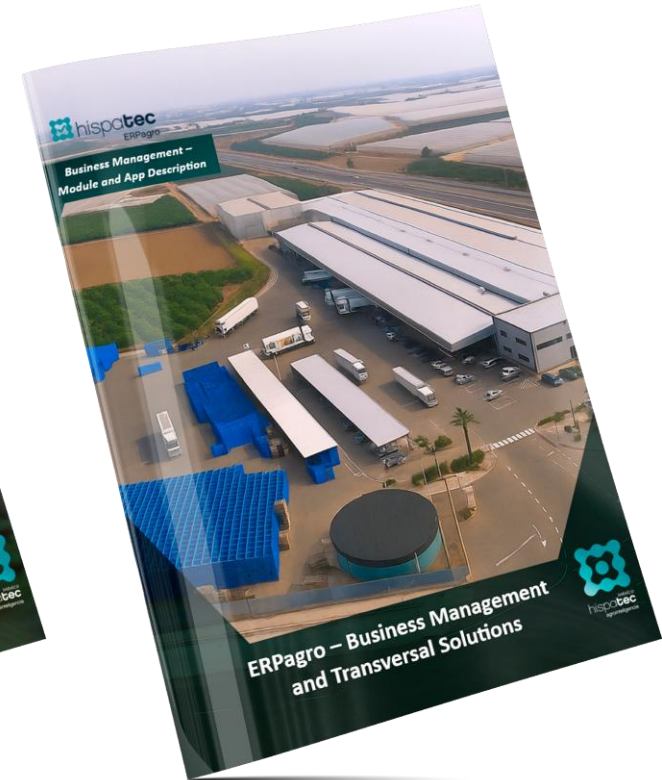
 **ERPagro - Pre-Harvest**



 **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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