



DECISION • ABAFOODS (ECOTONE)

One live MES for five aseptic lines.

How Abafoods connected production, quality and traceability across nearly 1,000 plant-based product codes.

Abafoods, part of Ecotone, makes plant-based drinks on five aseptic lines, producing more than 100 million liters a year. Teams needed one reliable view of line losses, quality checks and batch history.

980+

SKUs in traceability scope

5

aseptic production lines

150

users on shop-floor data

01 The challenge

Paper quality records, duplicate spreadsheet entry and disconnected line data hid losses and slowed batch tracing through UHT processing and packaging. Monthly OEE on driver machines had ranged from 54–62%.

02 What changed

Decisyon's MES links machine and ERP data with operator inputs. It captures downtime and speed losses, digital in-process and HACCP checks, and lot-level electronic batch records at order closing.

HOW IT WORKS

From line signal to batch record.

01 See losses live

Machine connections detect stops and speed losses, so teams can act while a shift is still running instead of reconciling paper afterward.

02 Check quality digitally

In-process and HACCP critical-control checks are captured on the line and compiled into a paperless electronic batch record for each lot.

03 Trace every lot

Genealogy runs from ingredient processing through filling and palletization, with links to ERP, guided vehicles and automated warehouses.

WHERE IT IS HEADED

Targets, not yet results.

Abafoods targets 90% per-shift OEE on driver machines, up to 99% UHT availability and 98% filler efficiency. Guided weighing and predictive maintenance are planned next steps. No financial ROI figure has been published.

"Decisyon allowed us to monitor both quality and performance in production, in real time, as well as at aggregated levels or in historical sequences."

Luca Europeo / Operations Director, Italy, Ecotone

ABOUT DECISYON

Decisyon is the AI-Powered System of Execution for Manufacturing. Our AI Workforce continuously monitors operations, reasons over industrial intelligence, recommends the next best action, and coordinates work — turning manufacturing intelligence into operational excellence across plants, lines, and shifts.

[Explore Agentic MES ›](#)

Source: Abafoods / Ecotone project documentation. OEE, availability and efficiency figures are stated targets.