

CHALLENGE CARD

Challenge

Digital platform for optimal production planning

Challenge topic

Process

Technology

Business

Summary

Implementation of a platform that integrates both production data and customer requirements to optimize production costs, predict demand variability, and achieve accurate daily planning. It is also necessary to plan which fruit to process based on the available stock.

How could we

By obtaining data from various signals from the plant, as well as historical demand databases and loading schedules, AI should analyze these data to reduce production costs. Additionally, the fruit stock area and production materials should be equipped with sensors to monitor the available fruit and assess work possibilities at any given time.

Specific restrictions or requirements

Centralize all data on a single platform to plan the optimal daily schedule for cost and time reduction, optimizing fruit size and quality based on customer requirements. Integrate the tool with Navision (ERP).

Profile of the collaborator we are looking for

The company has experience in data analysis and using AI for demand prediction, as well as expertise in sensor technology for industrial plants.

KPIs

€ / kg processed

% of rejects

% of accurate orders