

- PROJECT START**
- Total: 720.929€
 - EIT Funding: 504.660
 - Business and Technical Specifications
Apr/2020
 - A HRC cell concept
Jun/2021
 - Integrated Solution
Oct/2021
 - Final demonstration
Dec/2021
 - Commercialization
From 2022

CHALLENGE

- Manufacturing:** Accuracy, continuous production, 100% checks, attractiveness for young people and manufacturing workers
- Technological development:** Fresh fishes present diverse sizes, shapes, appearance and deformable nature



SOLUTION

- Develop and deploy a new Human-Robot Collaboration process, including new disruptive solutions – Gentle Picking and Spectral Quality Control - fully integrated and optimized



BENEFITS

- Spectral quality control (from sampling to 100% checks)
- Kindly picking system
- ergonomics, health, safety
- Migration of operators to other processes

MAIN PROJECT RESULTS



A GROUNDBREAKING PICKING SYSTEM



AN INTEGRATED AND OPTIMIZED SOLUTION IN INDUSTRIAL ENVIRONMENT



SPECTRAL QUALITY CONTROL CHAMBER

“ Thanks to EIT and its continued support, we were able to set up a consortium that is trying to set the bar even higher with a range of disruptive solutions ”



NUNO GOUVEIA
Senior Project Manager, Sonae MC

MAIN PRODUCT
Next Generation Fresh Fish Picking System and Spectral Quality Control

AIM: Redesign a whole process based on a Human-Robot Collaboration mindset, including innovative new solutions