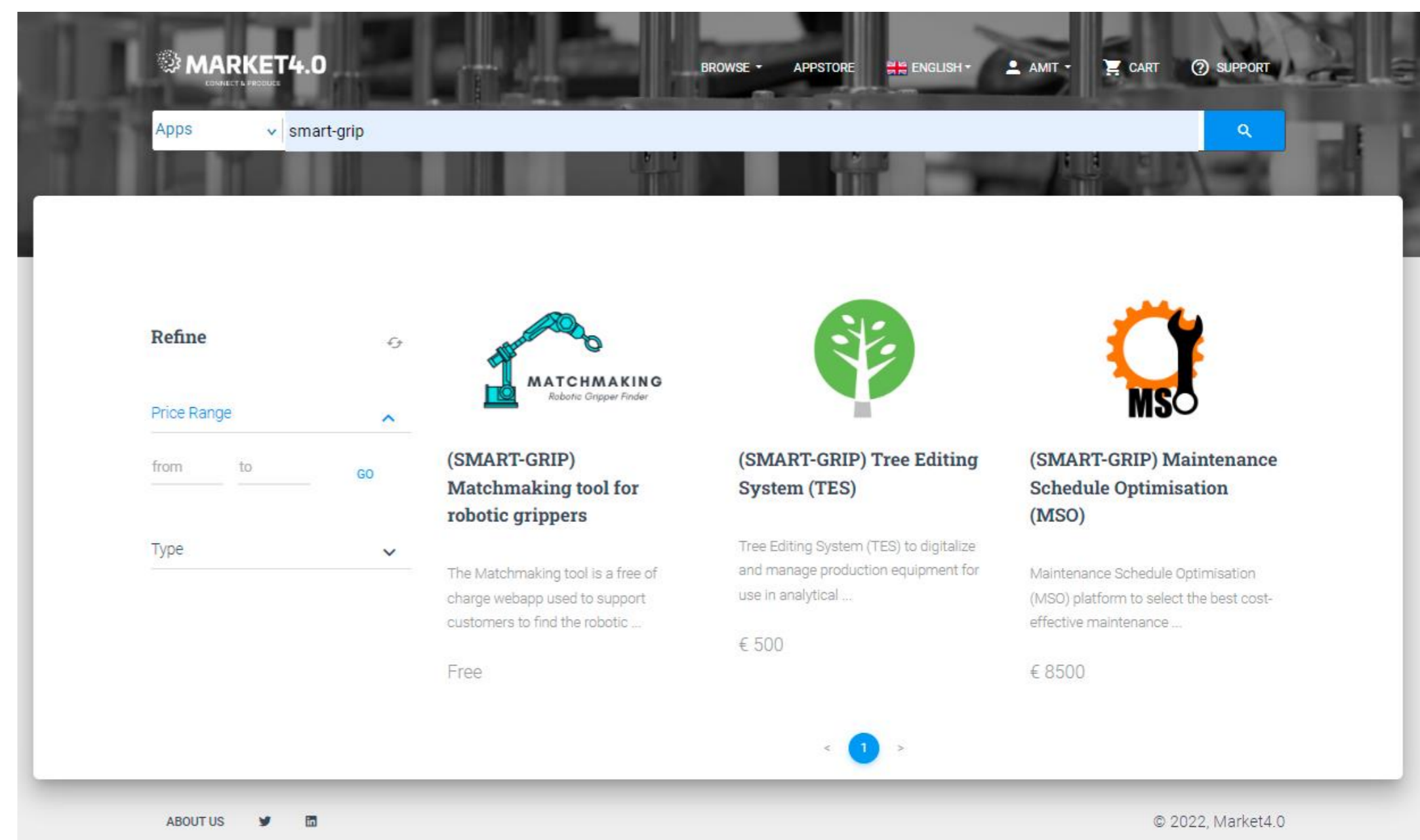


Proposed applications

The applications integrated in the Market4.0 marketplace platform and are offered as external web applications, are the following:

- Maintenance Schedule Optimization (MSO)
- Tree Editing System (TES)
- Matchmaking tool for robotic grippers



Main features

MSO: Proposing of the best maintenance strategies that minimize the LCC and maximize the availability

TES: Smart management of machine's/system's components and related information

Matchmaking: Finding suitable equipment, providing rough estimation of costs and delivery time.

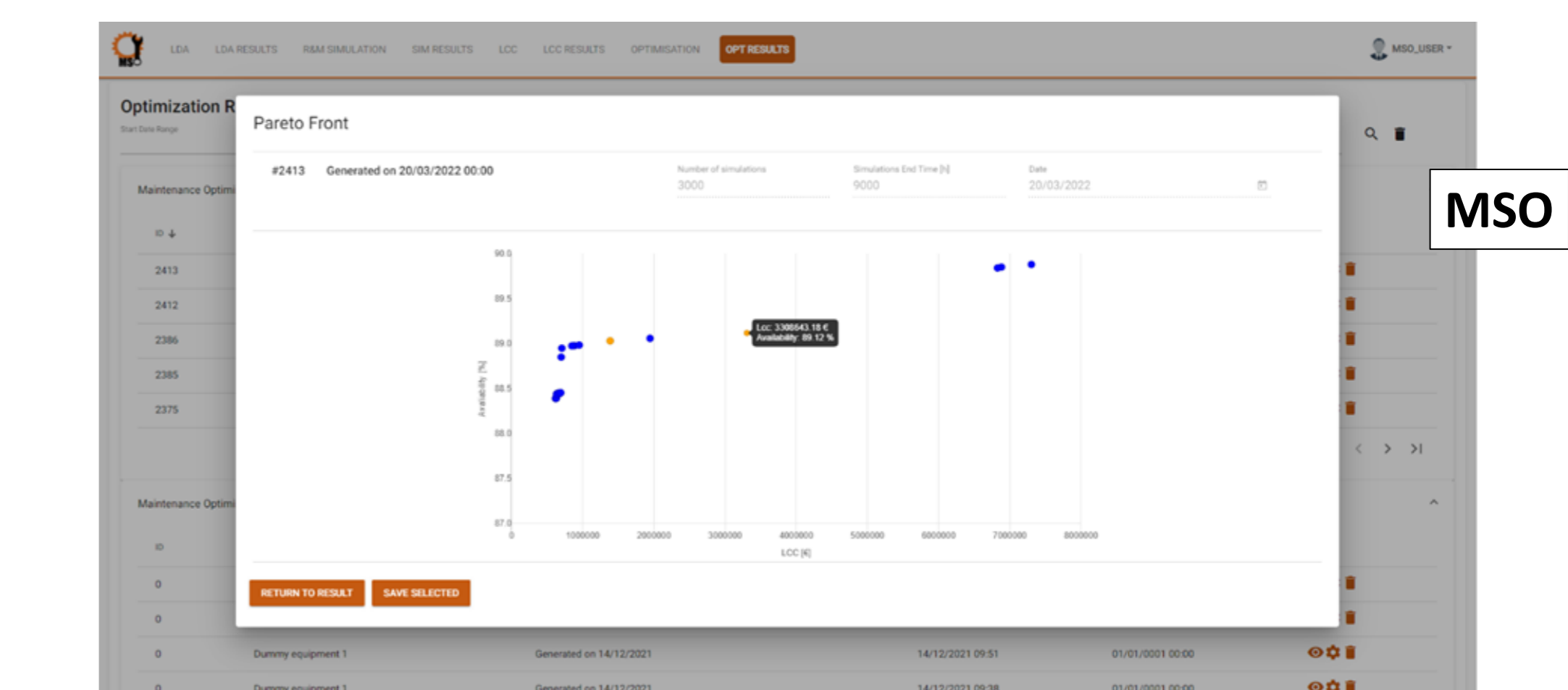
Application validation

Relevant results achieved after validation of the project use-case:

- Equipment delivery time saving: - 25%
- Reduction of overall LCC: - 28%
- Increase of system availability: up to 98%
- Increase of level of satisfaction: > 16%

Benefits

Support for robotic systems' manufacturers and final equipment users within the procurement phases to quickly and effectively assess solutions, related costs and maintenance strategies. Reduce environmental impact and increase re-use.



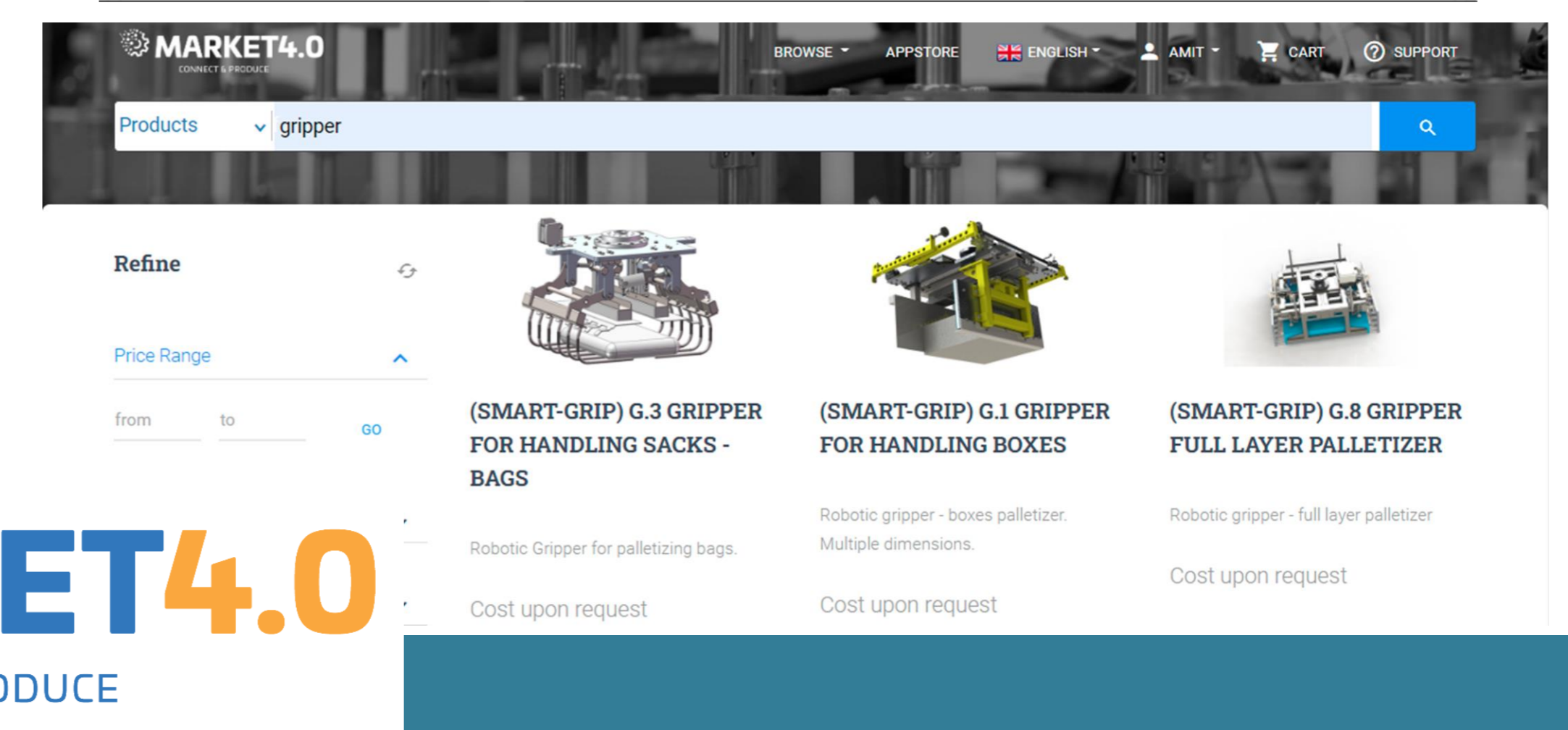
MATCHMAKING
Robotic Gripper Finder

SMART-GRIP
Integrated Software suite for component matchmaking and Maintenance planning for RoboTic GRIPpers

INFORMATION	
PRODUCT	BOXES
TOTAL WEIGHT	50 Kg
GENERAL DIMENSIONS	800x500 mm
ESTIMATED DELIVERY TIME	50 - 90 days
PRICE	7500 - 9500 €

we+ Rivas
ROBOTICS
INDUSTRIAL INTELLIGENCE

MARKET4.0
CONNECT & PRODUCE



Acknowledgment

This work has been performed in the context of the SMART-GRIP project, an open call #2 winner of the H2020 MARKET4.0 project (market40.eu), with participation of

- We Plus S.p.A., www.we-plus.eu
- Budapest University of Technology and Economics (BME), www.manuf.bme.hu
- Ce.S.I. Centro Studi Industriali S.r.l., www.cesisrl.net
- HURTADO RIVAS S.L., www.rivasrobotics.com

The H2020 MARKET4.0 project develops an open multi-sided digital platform for enabling production equipment and service providers to connect and work together with manufacturing companies. The MARKET4.0 platform enables new business, based on value-adding interactions among the production equipment and service providers and their customers while at the same time provides an open and participative infrastructure for these interaction