

# Mobility solutions based on modular designs

#ERF2020 Workshop: 3rd Workshop on Modular  
Concepts for Assembly and Handling



# PAL Robotics in a nutshell

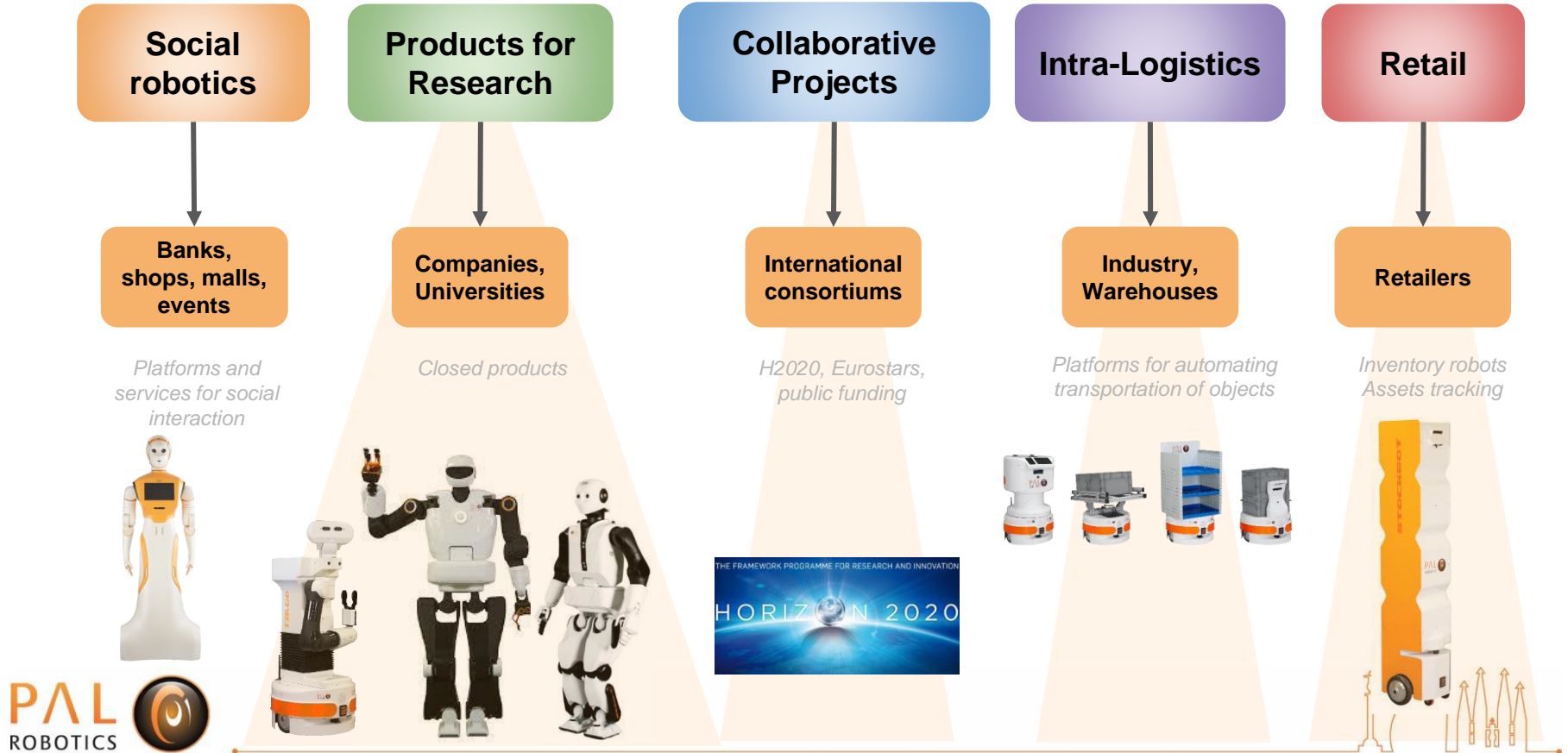


2004

2019



# Business Units



# Mobility solutions

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## Intra-logistics products



TIAGo Base



TIAGo Base Vision



TIAGo Delivery

## Stock taking products



# Intra-logistics solutions

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# Examples of target sectors



Industrial plants



Warehousing



Hotels



Hospitals



Labs



Offices





# TIAGo Base Modularity

Fully customizable



Fixed shelves



Safety Box



Roller Conveyor



TIAGo Base



Mobile Deliveries



Lifter



# TIAGo Base



**INCREASE PRODUCTIVITY:** Guarantees a constant production, automating low valued tasks.



**OPTIMIZE RESOURCES:** Increase time available for workers for tasks that deliver added value.



**EASY TO IMPLEMENT AND USE:** Installation is fast and easy without changes in space, no technical knowledge needed.



**FLEXIBILITY:** Possibility of modifying the robot's programmed task during its routine to suit prompt needs in production.





# Solutions for Retail

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# Inventory taking

Controlling stock accurately for the 1st time

## STOCKBOT

**Data-driven decisions**, data analysis, big-data & AI opportunities

- 📏 0,45m x 0,45m x 1,8m
- ⚙️ RFID enabled
- ✅ Vision recognition
- 🔍 3D location of items
- 🧭 Advanced Autonomous Navigation





Thank you!

PAL

ROBOTICS

