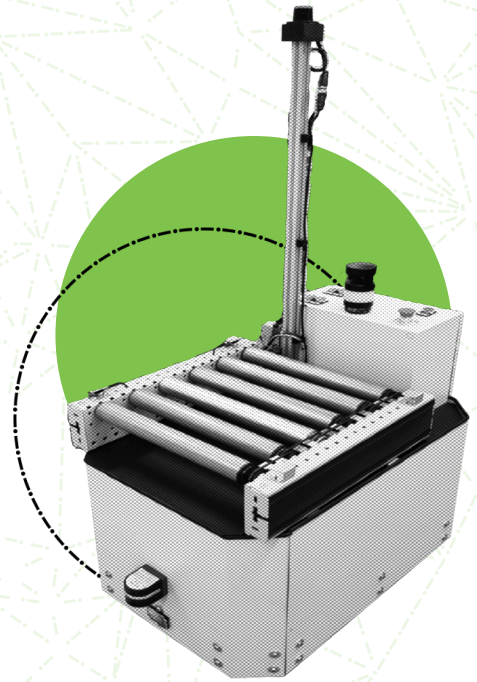


NAME

# Autonomous transport of loads for internal logistics using a low-cost mobile robot



## CHALLENGE

Automation of logistics processes / Reduction of logistics operation costs / Ergonomics and safety

## SOLUTION

Low-cost autonomous mobile robot using a localization system based on natural contours of the environment and/or beacons detection to carry out internal logistics tasks. The transfer of the load is carried out using a roller conveyor.

## APPLICATION

Internal logistics tasks in an industrial environment with possible automatic warehouse integration.

## TECHNOLOGIES



Advanced  
Automation Control  
& Industrial Robotics



Mobile  
Robotics &  
Internal Logistics

SCAN ME!



**iilab**

INDUSTRY &  
INNOVATION  
LAB

**INESCTEC**



CONTACT

**Héber Sobreira**  
heber.m.sobreira@  
inesctec.pt