



## PROJECT

The CONTIGO project, co-funded under the Portugal2020 programme promoted by the Portuguese Government and the European Commission, aimed to create a novel cyber-physical system composed by a collaborative and interactive mobile robot designed to optimise the ergonomics of logistic tasks carried on the shopfloor of manufacturing companies. The use case for this project involves the development of an AMR with bin picking functionalities in order to assist human work in the logistics area at Volkswagen Autoeuropa.



Consortium:



Co funded:





## **THE OBJECTIVES OF THE PROJECT WERE ACHIEVED, HIGHLIGHTING:**

- ▶ Development of a bin picking system for Volkswagen Autoeuropa parts and a customised gripper for this use case;
- ▶ Development of a platform for autonomous navigation, modelled, adaptable to different use cases;
- ▶ Development of intermediate software to make the developed system compatible to receive orders from the manufacturing enterprise software (MES, Scada, or others);
- ▶ Integration and validation in a controlled environment at Introsys' facilities;
- ▶ Integration and validation of the CONTIGO system in factory environment, namely, in the logistics process of Volkswagen Autoeuropa;



VISIT US AT



Consortium:

**INTROSYS**  
Global Control System Designers



Co funded:

