

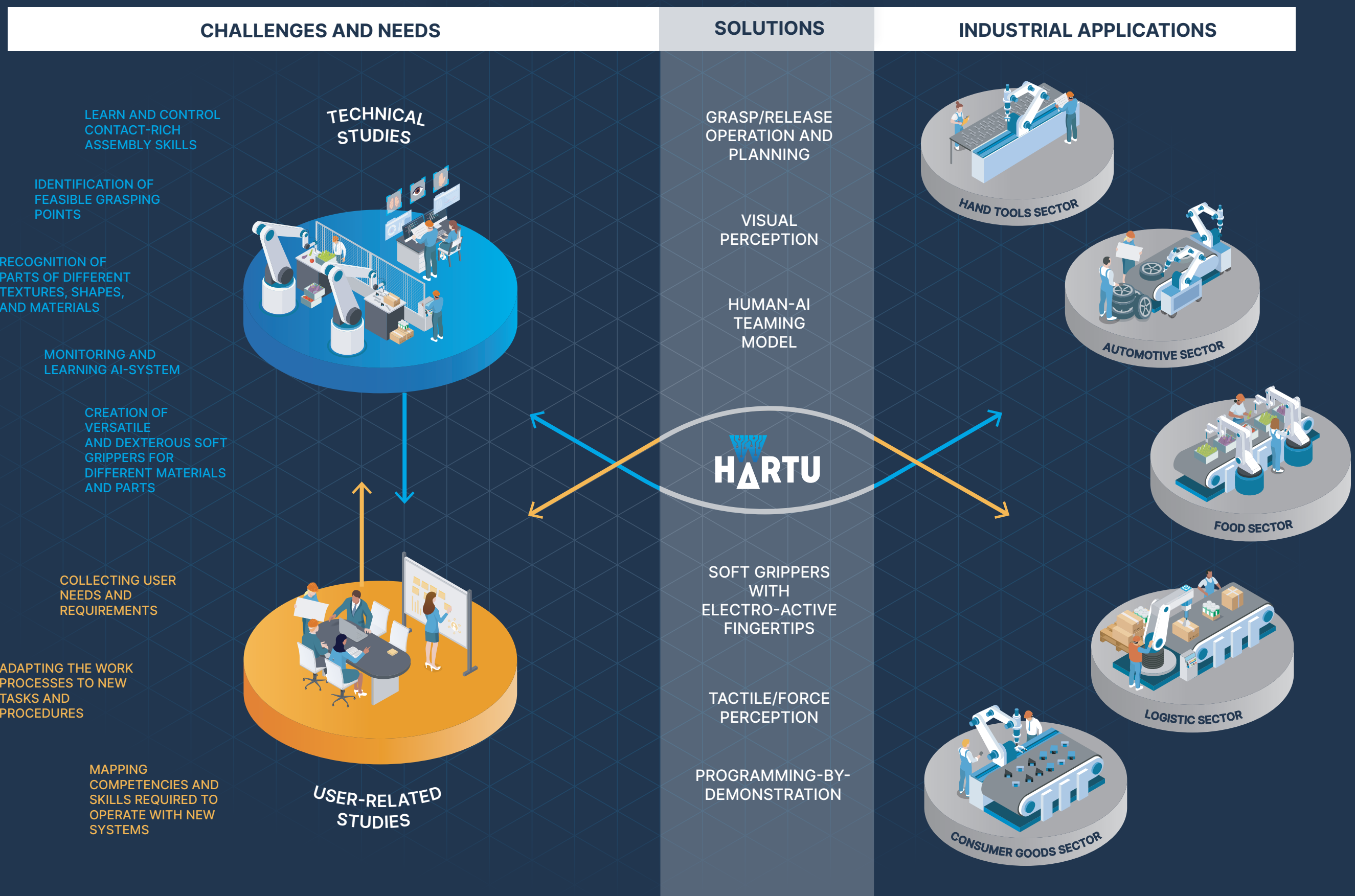
PROJECT IN A NUTSHELL

HARTU is an industry-led research project addressing the main challenges of **part handling in the manufacturing lines**, including gripping, assembly and placement, using **innovative and AI-enhanced technical approaches**.

The project will apply innovative techniques in industrial case studies to develop tools capable of **handling a wide range of products** in terms of shape, material and size, enhancing the **flexibility, reconfigurability and efficiency** of production lines.

OBJECTIVES

Techno-industrial: Automated grasping	Techno-industrial: Contact-rich assembly	Techno-industrial: AI-based visual handling
Techno-industrial: Electro-active soft grippers	Techno-industrial: Optimised handling systems	Societal: Human-AI teaming



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CONTACT US

Project Coordinator:
Iñaki Maurtua
inaki.maurtua@tekniker.es

Dissemination Manager:
Marta Ceconi
marta.ceconi@dblue.it

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