

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



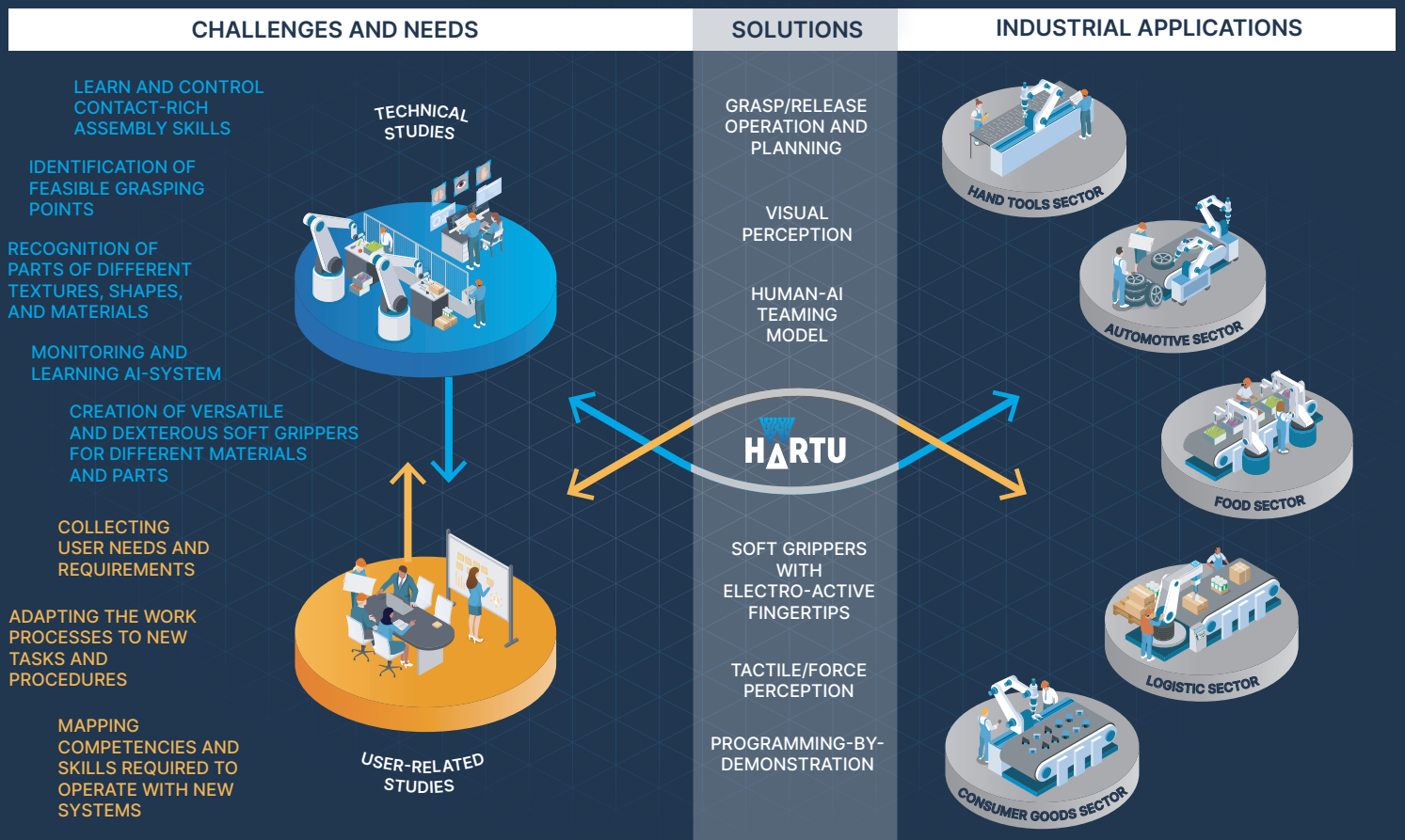
Techno-industrial:
Electro-active soft grippers



Techno-industrial:
Optimised handling systems



Societal:
Human-AI teaming



CONTACT US

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