

MAGICIAN Partners

Coordinated by the University of Trento, MAGICIAN assembles the collective strengths of universities, research institutions, business support organizations, digital solution developers, and industry.



UNIVERSITY
OF TRENTO



LUND
UNIVERSITY

pipple

TOFAŞ

TÜRK OTOMOBİL FABRİKASI A.Ş.



ISTITUTO ITALIANO
DI TECNOLOGIA

zabala
INNOVATION

altinay
Robot Technologies

FORTH
INSTITUTE OF COMPUTER SCIENCE

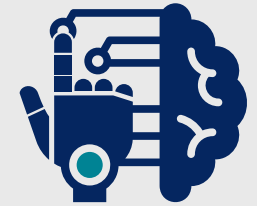
HWH
HARMS+WENDE



Steinbeis
Europa Zentrum



www.magician-project.eu



MAGICIAN

AUTONOMOUS DEFECTS DETECTION AND REPAIR IN MANUFACTURING

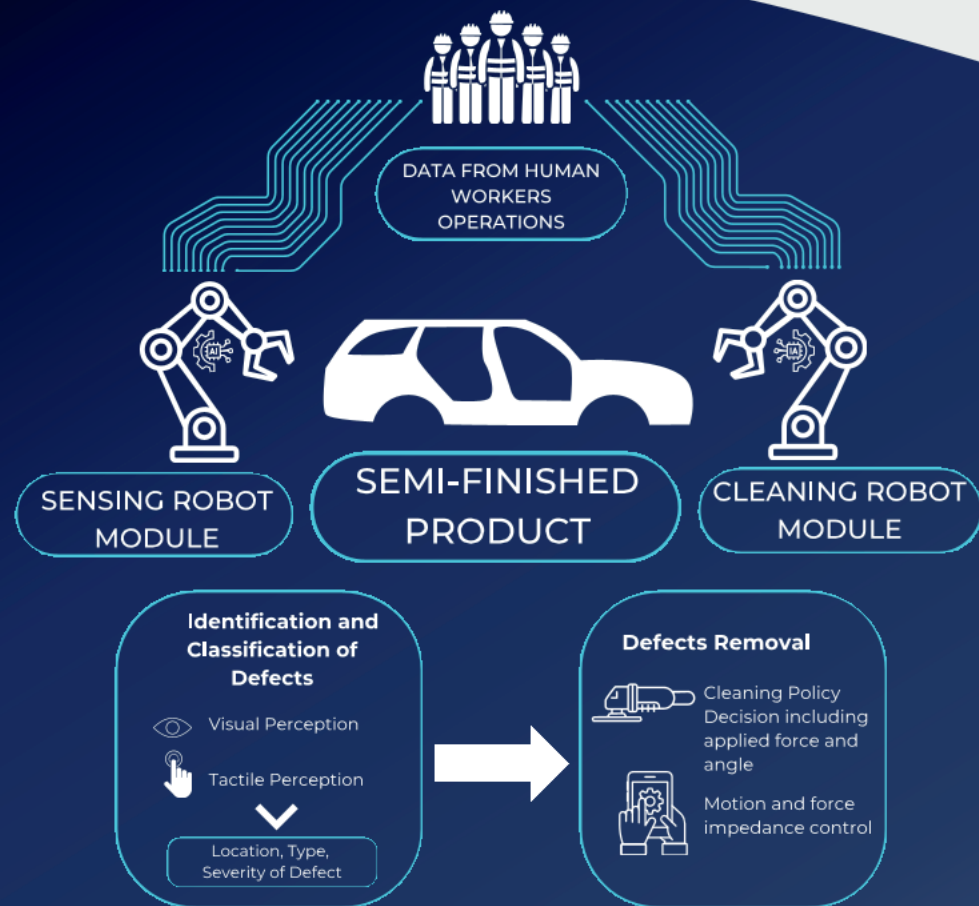


Co-funded by
the European Union

Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.

MAGICIAN Solutions

MAGICIAN develops robotic modules to autonomously detect and remove defects in semi-finished high-value products. Solutions will be tested in an automotive use case and extended through Open Calls.



Challenges



Produce semi-finished high-value products without defects



Ensure safe-working processes in hazardous and physically demanding environments



Address safety and productivity concerns in human-robot collaboration

Impact



Robotic components for mechanical working operations allowing for human-robot collaboration



Improved productivity in manufacturing and maintenance



Healthier and safer working environment for operators



Focus on added value operations