



# ROB4GREEN

## Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling



[www.rob4green-project.eu](http://www.rob4green-project.eu)

ROB4GREEN aims to develop and deploy AI-driven collaborative robotic systems that are easy to use, adapt, and reason autonomously to process products beyond their End-of-Life (EoL).

Key challenges to be addressed:

- High variability of waste streams
- Limited traceability
- Complex decision making for EoL processing
- Poor ergonomics
- Workforce shortages

### Industrial Pilot Cases

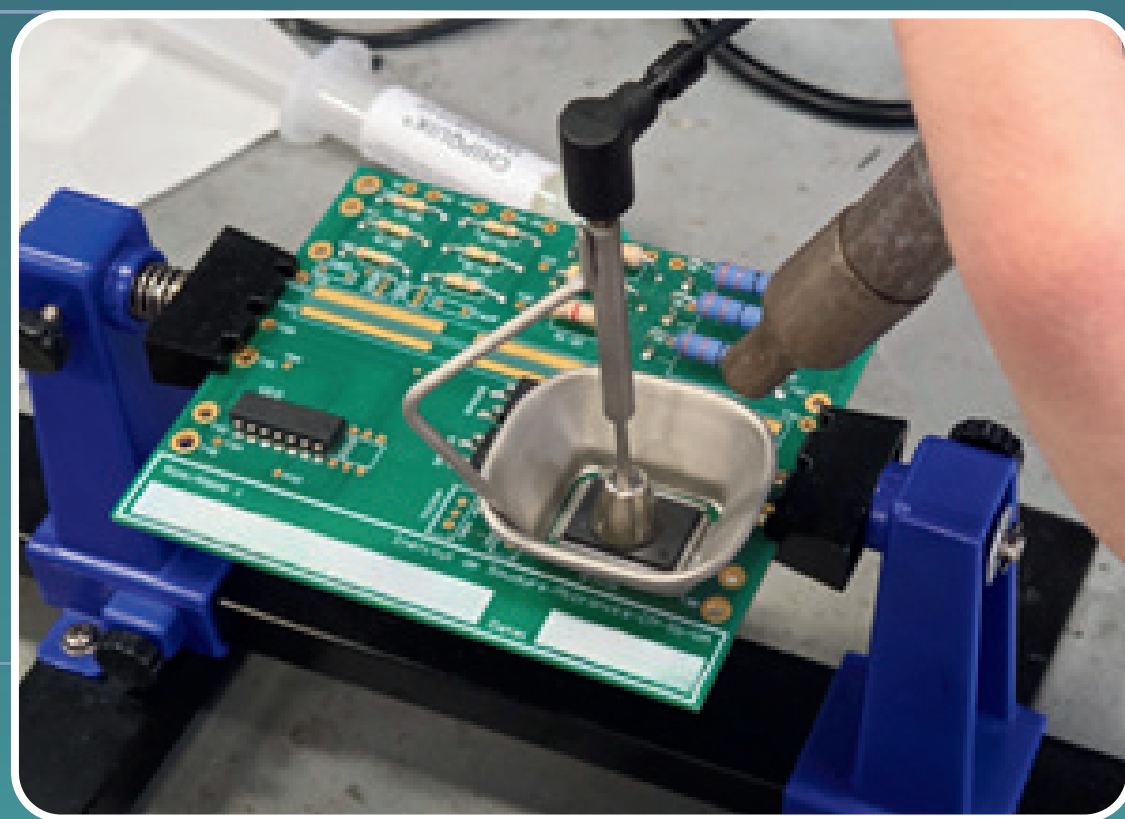
Decommissioning of energy infrastructure



Remanufacturing of heavy vehicle tires



Electronics remanufacturing & parts harvesting



### Portfolio of enabling technologies



### Stay Connected

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ROB4GREEN EU PROJECT

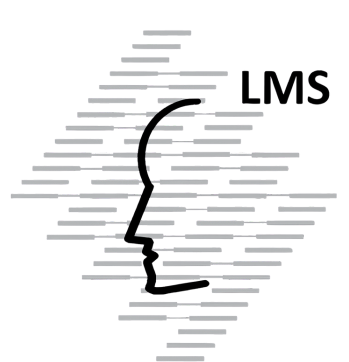
[info@rob4green-project.eu](mailto:info@rob4green-project.eu)

Project Coordinator:

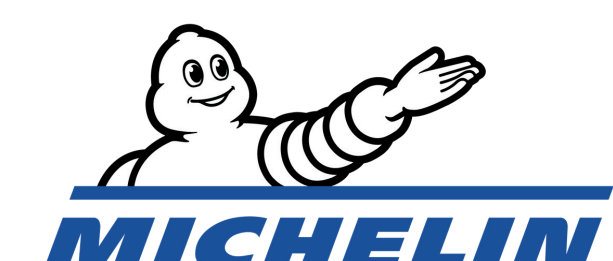
Laboratory for Manufacturing Systems and Automation (LMS)



**Open Calls for External Pilots & Co-developments.**  
Join us in shaping the future of AI-driven robotics for greener manufacturing!



Netcompany



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