



Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling -ROB4GREEN-

Meet our Open Call #1 Projects! -CIRCULAI-

ROB4GREEN is pleased to announce the pilot projects selected for funding under its first Open Call. Following a competitive evaluation, eight consortia were awarded financial support to develop and demonstrate robotics, AI and data-driven solutions that make dismantling, remanufacturing and recycling cleaner, safer and more resource-efficient.

Each project runs its pilot with technical, business and mentoring support from the **ROB4GREEN** partners, and its results feed directly into the project's mission of accelerating the green and digital transition of European industry. This announcement introduces **CIRCULAI**, one of the eight projects funded under Open Call #1.



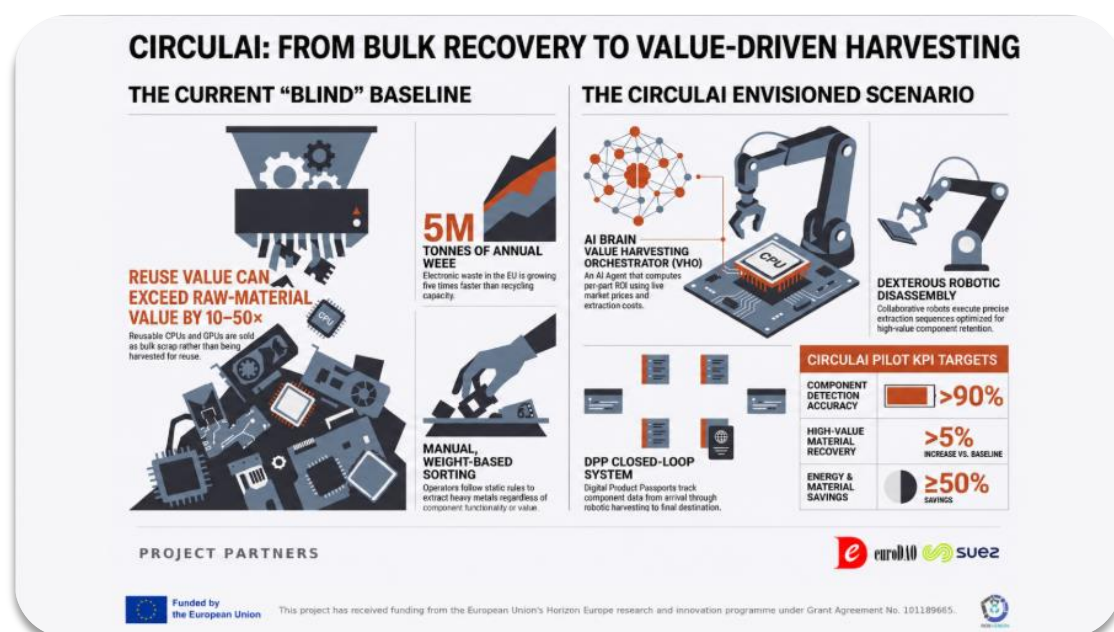


CIRCULAI Vision

A potentially reusable GPU should not become scrap because the line cannot yet see its value. Under **ROB4GREEN** — robotics and AI for greener dismantling, remanufacturing and recycling — our pilot **CIRCULAI** addresses **Challenge #3, Parts Harvesting: potentially reusable CPUs, RAM and GPUs can enter bulk material recovery before their reuse value is ever assessed.**

CIRCULAI is delivered by a proven two-partner consortium: euroDAO, an AI and robotics SME acting as project lead and technology provider, and SUEZ, a major recycling operator serving as end-user and validation site at its WEEE facility in Feyzin, France.

At its heart is the Value Harvesting Orchestrator (VHO): an AI decision engine that weighs each component's resale value, condition and extraction cost using Digital Product Passport data. VHO produces a value-ranked harvest list, RePlan turns it into robotic task sequences, and outcomes are written back to the DPP. The pilot aims for over 90% identification accuracy and TRL 4→7 under operational conditions. **CIRCULAI** does not make robots dismantle more — it helps lines recover what is worth preserving.



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