

TeknTrash Robotics Secures RMB 2M Government-Backed investment to Scale AI Robotics for Recycling

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TeknTrash Robotics, a UK-based AI robotics company developing humanoid automation solutions for the recycling and waste management sector, has secured RMB 2 million from a China government-backed support through a Huzhou-based innovation and entrepreneurship programme: a RMB 1 million prize plus another RMB 1 million depending on targets.

Huzhou, a major city located near Shanghai, is a centre for green manufacturing and was one of the first pilot cities for China's national sustainable development program. With a population of about 3.47 million people and a GDP of 445 billion yuan (US\$64 billion), it is a city which managed to pivot its industrial baseline away from heavy pollution into high-tech, advanced green manufacturing without sacrificing steady economic growth.

The investment is connected to TeknTrash Robotics' project, "*Humanoid Robots and Intelligent Recycling System R&D and Industrial Application*," awarded at the 8th China Global Entrepreneurship prize in Huzhou, and focused on applying AI robotics and intelligent systems to real-world recycling operations.

The recognition comes at a time when recycling facilities are facing increasing pressure from labour shortages, workplace safety risks and rising processing demands. By combining humanoid robotics, computer vision and operational data systems, TeknTrash Robotics aims to support safer, more consistent and scalable operations not only in recycling, but in any repetitive, dangerous, and physically demanding working environment.



In the picture, AI Costa, TeknTrash's CEO, 2nd from the left, receiving the investment prize

TeknTrash Robotics is developing ALPHA, a humanoid robot designed to support practical automation in recycling facilities. The company's system is supported by HoloLab, its in-house training and monitoring platform, which captures operational data, supports AI model training and helps improve robotic performance in real industrial environments. Together, ALPHA and HoloLab are designed to move robotics beyond controlled demonstrations and into live operational settings where systems can learn, adapt and improve over time.

The RMB 1 million prize will support TeknTrash Robotics' next stage of development, including AI model training, robotic manipulation, system integration and deployment readiness for recycling facilities, and will be increased by another RMB 1 million after the successful completion of a number of targets requested by the Huzhou government regarding employment and robot production.

"This investment is an important milestone for TeknTrash Robotics," said AI Costa, CEO of TeknTrash Robotics. "Recycling is a sector where automation can create clear operational value, from improving safety to supporting more consistent sorting processes. This support gives us further confidence as we move from field validation towards wider commercial deployment."

TeknTrash Robotics has recently appeared in leading media coverage such as BBC, ABC, etc reflecting growing interest in practical robotics for recycling automation. The prize also comes as the company continues to engage with investors and strategic

partners to support its next stage of growth in climate tech, circular economy infrastructure and intelligent automation.

About TeknTrash Robotics

TeknTrash Robotics develops AI-enabled robotic systems for recycling and industrial automation. Its work combines humanoid robotics, computer vision, operational data capture and real-world learning to support safer, more efficient and scalable waste sorting processes.

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