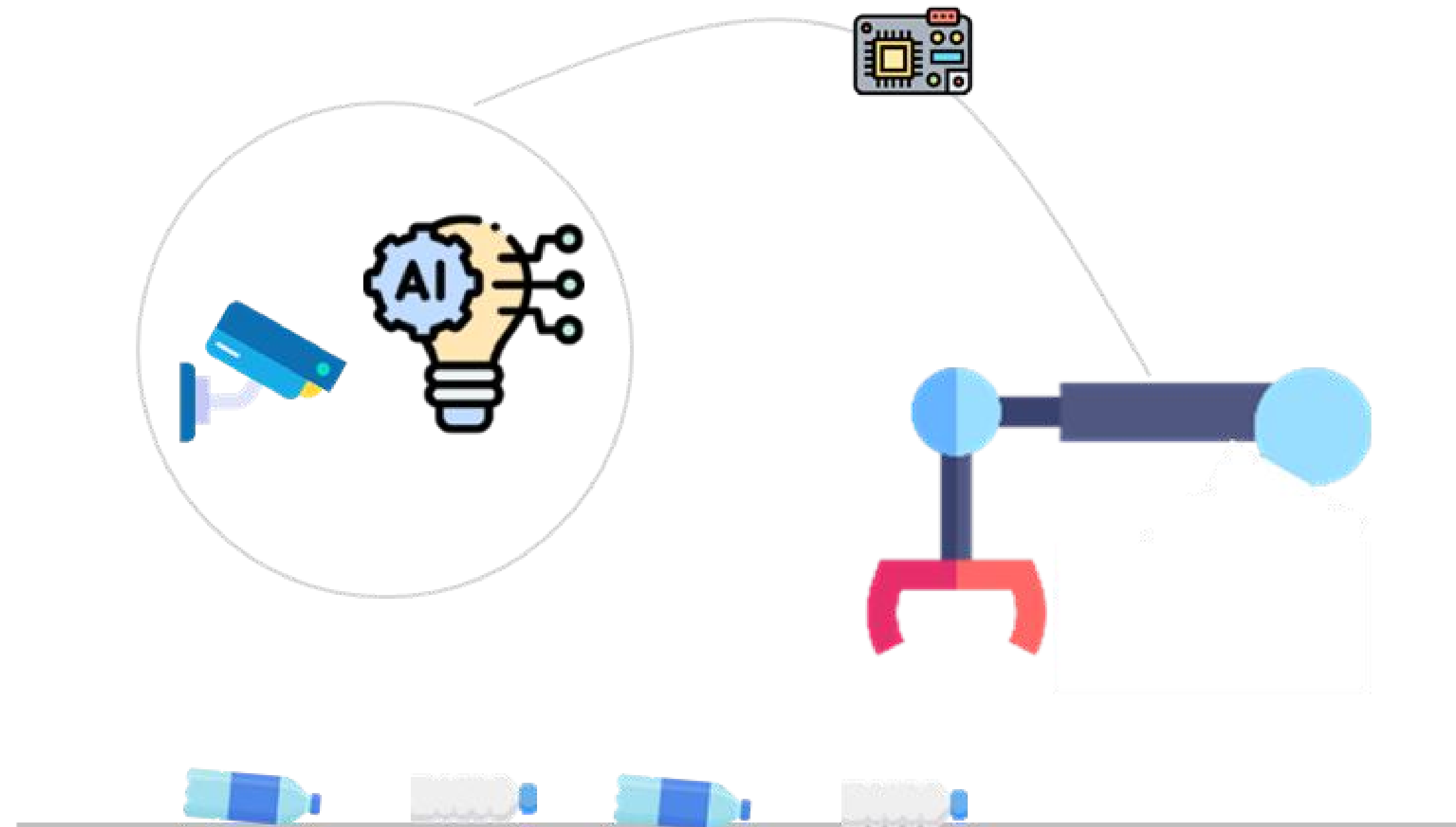


Robots for cleaner and greener future

We don't want to live in a world that is filled with dirt & garbage. EcoOrbit is born from our vision to live in a cleaner future.

We're building Intelligent Robots and Softwares to help Waste Management companies scale-up faster.



**We create intelligent robots that identify
and segregate waste automatically**

www.ecoorbitsolutions.com

Supported by



**Come join us in disrupting the waste
management sector & making the world
a cleaner place to live**

www.ecoorbitsolutions.com

Contact Us

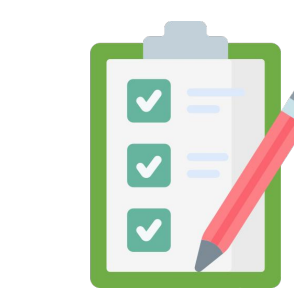


Abhishek Gorle

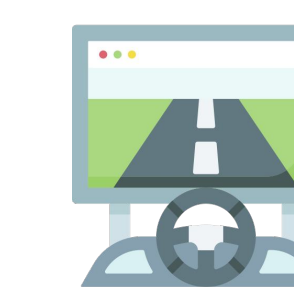
+91 7993695343

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Getting started with us



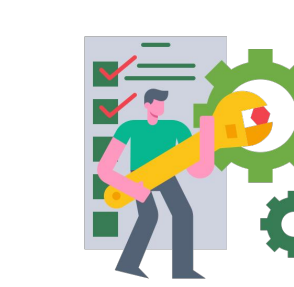
Order booking and requirement collection



Environment simulations and changes discussion



Product delivery, Installation & Monitoring



Training the existing staff to operate the solution

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Scaling Waste segregation is not easy

Through Automation Scaling is easy

Scale up your operations multiple folds

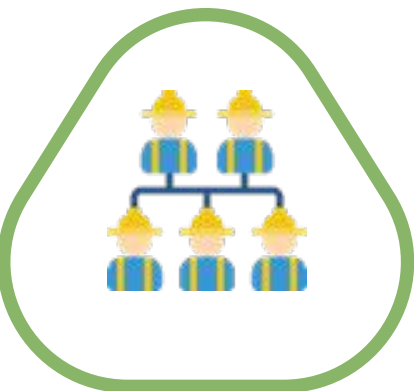
1.5 Lakh Metric tonnes of solid waste is generated per day and 80% of it is **disposed in landfills**. The main reason so much of waste ends up in landfills is due to **inadequate Infrastructure and low pace of waste segregation**. Waste segregation, till date, is manually done, labour intensive and highly inefficient. Why is the present way of waste managment inefficient?

High Material Sorting Costs



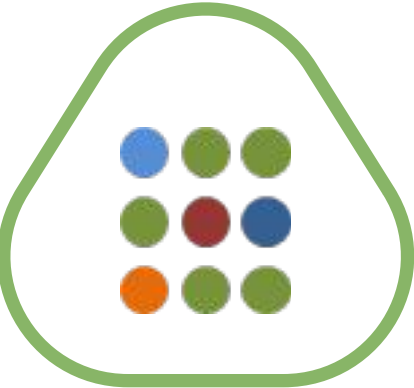
It takes 6-8 people to segregate 1 ton of waste per shift. When a plant scales from 1 ton to 5 tons, it needs 25-40 people to achieve the scale. The labor requirement, overheads and sorting costs increase linearly with plant capacity.

Labour Availability



The required skilled work force is not always available particularly at odd times and outskirts of cities. Also, finding and retaining people who are motivated to work in such harmful operations is a challenge. Using Automation, plants can be setup in outskirts or near the waste sources which further decreases costs.

Inefficiencies



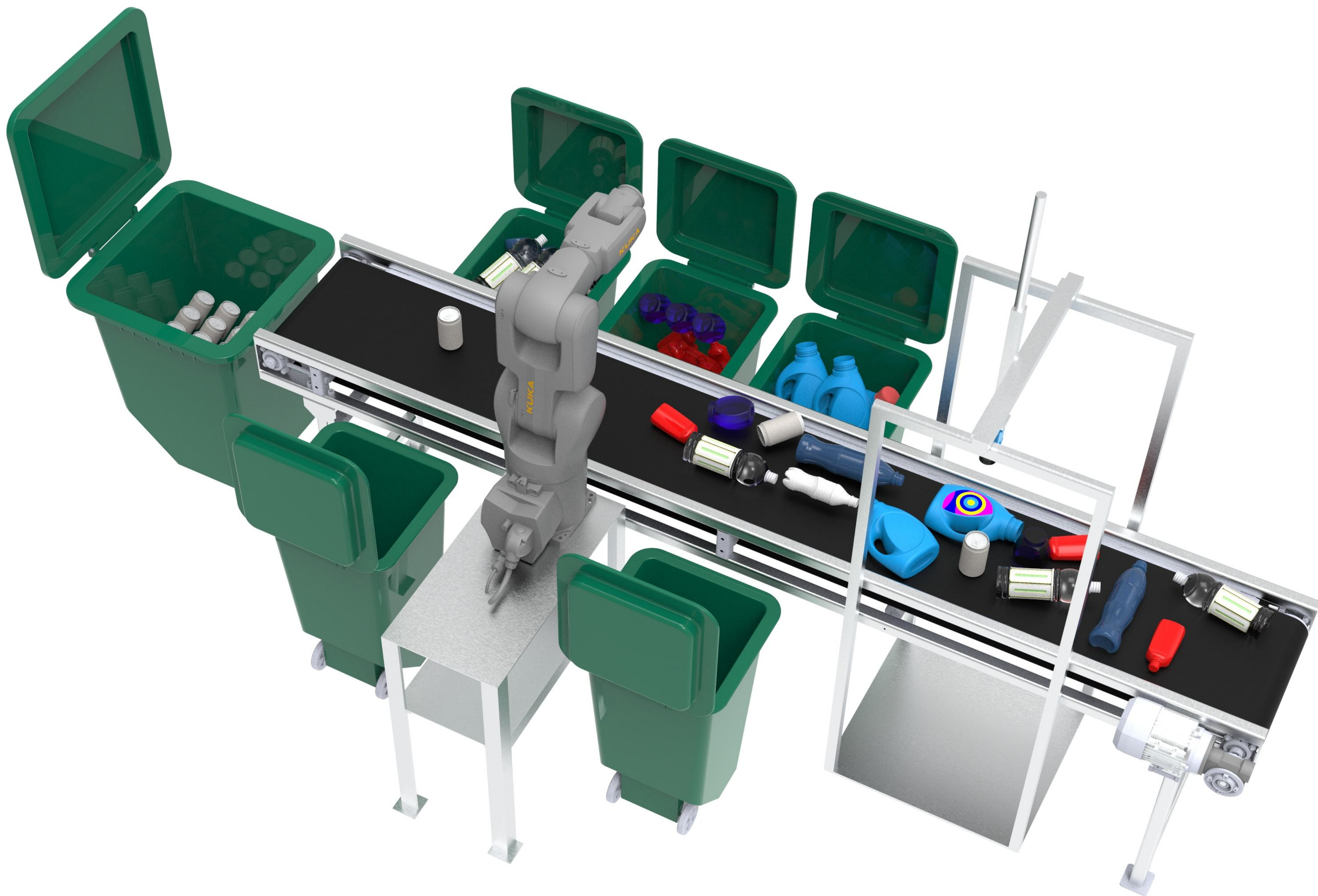
With larger work force deployed, the consistency & quality drops. Differences in the skill levels among the labor causes such inconsistencies and thus increases the quality inspection costs. Hiring and Training new workers causes productivity losses.

Harmful and Risky Work



People engaged in manual sorting encounter a barrage of harmful substances and chemicals, elevating their risk for numerous health complications.

Scaling Waste Management plants is a big bottleneck in achieving a cleaner future



Automation

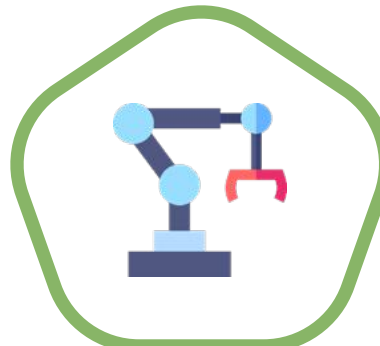
The answer to **cost effective scaling** of Waste management plant is **Industrial Automation**.

Our **intelligent Robots** helps companies **standardize and scale-up multiple folds**, all the while **decreasing sorting costs**. Our Robots use AI/ ML & IoT technologies to identify different categories of waste and segregate them automatically.

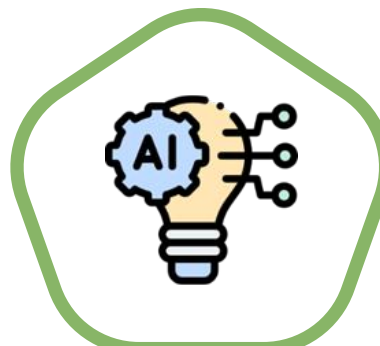
Key Features



Scale up plants multiple folds

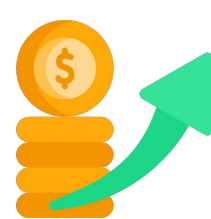


Single robot can segregate 1 Ton / Day



Intelligent insights of Vendors and operations using our Software

Benefits



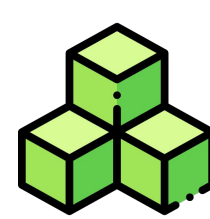
Higher revenue

Maximum utilization of Plant resources and material recovery from a stream



Standardize Vendors

Standardize material sources by tracking material composition and quality



Creation of Quality Jobs

Create quality jobs across sourcing, plant management and delivery when plants scaleup