**ECODOST**

Innovative Waste Management Solutions

Transforming Waste into Resources

**Transforming Waste Management with AI**

Join us in building a sustainable, safe, and clean world with cutting-edge waste management technology.

**The Waste Crisis in India**

India produces around 62 million tonnes of waste annually, with urban areas leading due to rapid growth and consumerism. This waste challenge burdens landfills, contributing to environmental degradation and health risks.

**Case Study: Bhiwandi Landfill Fire**

The 2016 Bhiwandi landfill fire in Maharashtra highlighted the consequences of inadequate waste management. Triggered by methane buildup, the fire produced toxic smoke for weeks, affecting nearby communities and causing respiratory issues. Unlike traditional methods, our approach focuses on early detection and proactive management to prevent such crises.

**Our FEATURES**

**Robotic Arms for Automated Sorting**

High-speed robotic arms that accurately sort metal, paper, plastic, and biodegradable waste, maximizing recycling rates.

**AI-Powered Waste Identification**

Advanced algorithms with over 90% accuracy in waste identification, adapting to new materials for optimal efficiency.

**Real-Time Monitoring Application**

Our app provides immediate insights for landfill monitoring, enabling data-driven decisions.

**Our Solution**

Our waste management system transforms waste into resources, improving segregation, recycling, and composting with AI, ML, and robotics. We collaborate with local governments, provide tailored solutions, and prioritize transparency with regular updates and blockchain tracking for a sustainable, zero-waste future.

**Become a Part in Saving the World**

“Join Us for a Safer, Cleaner Planet”  
Support responsible waste management by signing up today.

Top of Form

Register

Bottom of Form

**Future Improvements**

We aim to expand to rural areas, integrate predictive analytics, and continuously improve AI to adapt to evolving waste patterns. Your feedback is invaluable to us.

**Our Vision for a Sustainable Future**

Our solution reduces landfill dependency and methane emissions, paving the way for a cleaner, healthier environment for future generations.

**Frequently Asked Questions (FAQs)**

* **What was the Love Canal disaster, and why is it important?** The Love Canal disaster highlights the importance of regulated waste disposal, a priority we address with our technology.
* **How does your AI system help prevent environmental hazards like Love Canal?** Our AI system sorts and monitors waste with unmatched accuracy, reducing contamination risks.
* **What environmental benefits does your system provide?** It reduces greenhouse gases, conserves resources, and promotes ecosystem health.
* **How can I contribute?** Register with us to ensure responsible waste management.
* **How does real-time monitoring work?** Our app continuously tracks waste processing with real-time alerts and insights.