

Zero Dumping Initiative

Establishment of a Recycling Yard

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**MAUA YA
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Project Overview

- Goal: To eliminate illegal dumping by creating a functional recycling yard that processes solid waste into reusable materials.
- Focus Areas:
 - Land acquisition for a recycling site.
 - Installation of baler and crusher equipment.
 - Promotion of sustainable waste management.
- Expected Impact: Reduced dumping, job creation, and cleaner environment.

Why This Project Matters

Landfill overflow and poor waste disposal practices have intensified the need for sustainable waste management. This project supports the Zero Dumping Policy by converting waste into valuable resources through recycling. It aligns with national and county environmental goals while promoting a cleaner and more circular economy.

Phase 1–. Concept Development & Site Preparation

Phase 2–. Infrastructure & Equipment Installation

Phase 3–. Operations & Impact Scaling

Operationise Concept and Site Preparation

- *Objective:* Transform the project plan into a functional setup.
- *Key Activities:*
 1. Land identification, purchase, and permits.
 2. Environmental and technical assessments.
 3. Stakeholder engagement and planning workshops.
 4. Site preparation (fencing, clearing, layout design).
 - 5.
- *Output:* Land secured and ready for infrastructure setup.

Infrastructure & Equipment Installation

- *Objective:* Build and equip the recycling yard.
- *Key Activities:*
 1. Construct sorting area, storage sheds, and office.
 2. Procure and install baler and crusher.
 3. Test machinery and ensure safety compliance.
 4. Recruit and train operational staff.
- *Output:* Fully operational recycling yard with trained workforce.

Operations & Impact Scaling

- *Objective:* Launch operations and expand Zero Dumping model.
- *Key Activities:*
 1. Begin full-scale recycling operations.
 2. Partner with municipalities and waste suppliers.
 3. Monitor performance and environmental impact.
 4. Run awareness and education campaigns.
 5. Develop a sustainability and revenue plan.
- *Output:* Continuous recycling operation and measurable dumping reduction.

01.

Generate revenue from recyclables and compost products to sustain operations..

02.

Integrate composting to effectively manage organic waste.

03.

Strengthen partnerships to boost and maintain waste collection traction.

Sustainability and Long-Term Impact

04.

Expand recycling and composting facilities to additional counties.

05.

Reinvest profits into equipment maintenance and operational growth.

06.

Enhance youth engagement to create green jobs and promote long-term sustainability.

Implementation Timeline



Phase 1 Month 1–2

Land acquisition,
permits, site prep



Phase 2 Month 3–4

Construction,
equipment installation



Phase 3 Month 5–6

Full operations,
monitoring, expansion
plan

Turning Waste into Opportunity — Towards a Zero Dumping Future

13 CLIMATE
ACTION



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



11 SUSTAINABLE CITIES
AND COMMUNITIES



8 DECENT WORK AND
ECONOMIC GROWTH



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