



# Waste Management Technology and Services for Bulk Waste Generators



## Our Services:

- ✓ Organic waste
- ✓ Commercial Waste
- ✓ Electronic waste
- ✓ Rejected waste



Suchithwa Mission empanelled

Process and technology as per NGT and PCB



Visit Our Website  
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Crafting A Zero waste future

# Join Us In Our Sustainability Mission

## About us

Vikasit Ecosystems is creating a sustainable "bubble of life" through innovative waste management solutions. Using proprietary tools and technology, we transform waste into resources, driving a circular economy.

Our mission is clear: to unite technology, people, and processes to revolutionize waste management for a cleaner, better future.

## Key focus

-  Manufacturing Waste Composting Machines - THE SOIL MAKER
-  Bulk waste Management
-  Waste collection and treatment
-  Consulting - Waste Audits, CSR, EPR,ESG
-  Organic Compost Supply chain

We are committed to continuous R&D investment to develop tech-enabled products and processes for effective waste treatment across diverse sectors.







# THE SOIL MAKER

The Smart Organic Waste Composter – Soil Maker combines traditional composting with modern technology. Backed on ground 10 years continues experience and R&D, it efficiently and sustainably converts all types of organic waste into compost in minimal time.



**PROCESS TIME 3-4 HOURS**



**TEMPERATURE UNDER 40 DEGREE CELCIUS**



**NATURAL AEROBIC COMPOSTING PROCESS**



**NO FOUL SMELL AND LEACHATE**



**THE COMPOST PRODUCED IS READY FOR USE AFTER 14 DAYS**



**COMPACT SIZE**



**DESIGN AND DEVELOPED IN BENGALURU**



**LEAST POWER CONSUMPTION**



**IOT AND AI INTEGRATION**



**OUTPUT MANURE GOES BACK TO THE SOIL**



**CAPACITY RANGES FROM 50KGS TO 5000 KGS**



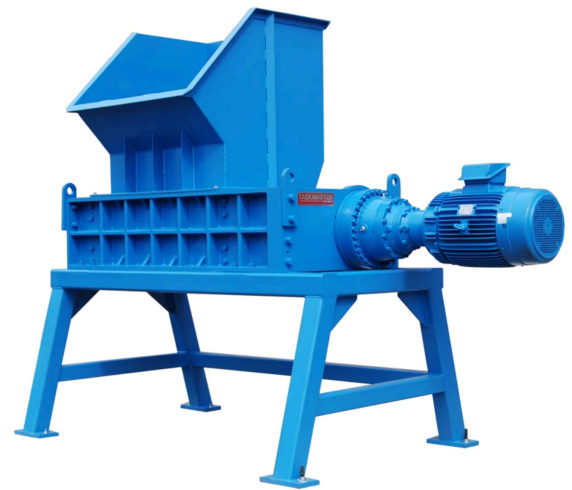
**3 PHASE POWER,CLOSED ROOM WITH VENTILATION**

# More products we offer

Sanitary incinerator



Shredder



Sanitary incinerator



Conveyor



Trommels





# Flexible Financial Options

Making it easier for organizations of all sizes to access our services. we ensure affordability without compromising quality.

## 01 **Outright purchase**

Buy machine at Complete costing at one time payment

## 02 **Waste management as service**

We will provide machinaries and conduct oprations on agreement of price per KG waste processed

## 03 **Rental**

The machine can be rented as needed, allowing customers to access it on a requirement basis with long-term investment

## 04 **EMI**

We will provide machinaries and conduct oprations on agreement of price per KG waste processed

# Dry Waste Management

**Dry Waste** management project handles non-liquid, non-biodegradable waste like plastic, glass, metal, paper, and cardboard. It focuses on maximizing recycling and resource recovery while minimizing landfill use, often through material recovery facilities (MRFs) that process and sell sorted waste to recyclers.



## Segregation at the Source

**Separate bins** : Using different colored bins for dry and wet waste is a common practice.

**Cleanliness** : Dry waste should be rinsed of any food residue before being disposed of.

**Examples** : Paper, cardboard, plastic bottles, cans, glass, and metal items are all examples of dry waste



## Collection and Transportation

**Dedicated vehicles** : Dry waste may be collected by separate vehicles, especially in larger communities.

**Route optimization** : Effective routes can be established to ensure timely collection and reduce fuel costs.



## Material Recovery Facilities (MRFs)

**Processing** : MRFs use specialized machinery to separate, sort, and process dry waste.

**Examples** : Techniques like baling, shredding, or gatta-making are used to prepare waste for recyclers.

**Sale to recyclers** : Processed waste is then sold to registered recyclers who use it to create new products.



## Recycling and Resource Recovery

**Types of recycling** : Paper can be recycled into new paper products, glass can be melted and reshaped, and plastics can be recycled into various new items.

**Benefits** : Recycling reduces landfill waste, conserves resources, and saves energy.



## Recycling and Resource Recovery

**Goal** : The goal is to minimize the amount of waste that ends up in landfills, ideally to 20% or less of the total waste generated.





# Vikasit Chakra Organic Manure



Our Manure is created from kitchen waste by combining food scraps, vegetable peels, fruit peels with other organic materials like leaves, saw dust or coco peat. This process, called composting, uses our OWC machine The Soil Maker and microorganisms to break down the waste into a nutrient-rich soil amendment. For effective composting, as we maintained a balance between "greens" (nitrogen-rich materials like fruit and vegetable scraps) and "browns" (carbon-rich materials like dried leaves ).



We have an abundant supply chain of Organic manure suitable for gardening and agricultural purposes. Please connect

# Our Client



**MCF**  
Mangalore Chemicals  
& Fertilizers Limited



**MANIPAL**  
ACADEMY of HIGHER EDUCATION  
(Institution of Eminence Deemed to be University)



**ROHAN**  
CORPORATION



GOVERNMENT OF KERALA



**CIAL**  
COCHIN INTERNATIONAL  
AIRPORT LIMITED



RESOURCE  
MANAGEMENT



**NITTE**  
(Deemed to be University)



**Biesse**



**OCEANUS**



**Hi-Tech Bio Fertilizers India**  
Service Provider-Govt. of Kerala



**PURVA**  
ALWAYS ABOUT YOU



**DESIGN TREE**



**Disha Developers**  
The right way ahead



**MJR**  
living spaces that delight



**Bruhat Bengaluru Mahanagara Palike**



**SUMADHURA**  
DELIVERING HAPPINESS



**AVANI  
ABODE**



**BRIGADE**



**Hi  
LITE**  
The finer side of life



**malabar  
hospitals**



**TRIVANDRUM CLUB**



**SOMATHEERAM**  
AYURVEDIC HEALTH RESORT



**TECHNOPARK**  
HARMONY@WORK



**The Kerala Agro  
Industries Corporation Limited**



**PROVIDENT**  
More For Sure



**LSGD**







# Healthy “Earth” Healthy Life

Zero-waste lifestyle  
and sustainability

