



GREENRICH GROUP



CLEAN 
INDIA



OUR SOLUTIONS

COMPOSTERS & MICROBES



SHREDDERS



BIO KOL



MYGREEN BOT



LEAF WASTE COMPOSTER



BIO GAS SOLUTIONS



AGRO PRODUCTS



SOLAR PLANT



INCINERATORS



MRF



GREENRICH BAZAAR



CARE N SAFE



GREENRICH

PIONEERS IN ECO-FRIENDLY WASTE MANAGEMENT

Since 2017, Greenrich Groups has been a leader in sustainable waste management, offering comprehensive solutions under the MYGREENBIN brand. Our company is certified **ISO 14001:2015** and **CE**, and our products have earned the "**GREENPRO**" certification from **CII** and **IGBC**, confirming their eco-friendliness throughout their lifecycle.

OUR MISSION

To create positive environmental change by minimizing waste, promoting recycling, and ensuring proper disposal sustainably.

OUR VISION

To leading India in waste management, transforming waste into resources, and advancing sustainability for a greener future.

OUR SOLUTIONS

Greenrich Grow India Pvt Ltd

1. WET WASTE MANAGEMENT

- Natural Composters - MyGreenBin
- Greenrich Microbes
- Automated Organic Composters
- Garden Waste Composters
- Composting Accessories - shredders & others

2. DRY WASTE MANAGEMENT

- Dry Waste Recycling

Greenrich Enviro Solutions Pvt Ltd

- Farm Products & Plant Nutrition
- Wet Waste to Energy - Biogas Plant
- Mixed Waste to Energy - Biokol
- Domestic Hazardous Waste Management -Incinerators
- Greenrich Bazaar (E- portal)

OUR TEAM

DRIVING INNOVATION AND SUCCESS

Our team of experts has extensive experience in solid waste management and is committed to finding solutions that are both effective and environmentally responsible.

WE LEVERAGE ADVANCED TECHNOLOGY AND BEST PRACTICES TO MINIMIZE WASTE AND MAXIMIZE RESOURCE RECOVERY, PRIORITIZING RECYCLING AND COMPOSTING TO REDUCE LANDFILL WASTE.

- Engineering Team
- Research & Development Team
- Finance Experts
- Admin & HR Professionals
- Sales & Marketing Team
- Service Team

OUR DIRECTORS



MANOJ NAIR K



SARAVANARAJ S



MADHUSUDHAN K

Greenrich is guided by the expertise and vision of its three directors, who bring decades of experience in **sustainable waste management and environmental innovation**. Their leadership ensures the delivery of cutting-edge, eco-friendly solutions that drive a greener future for communities and businesses.



OUR PRINCIPLES

VISION. MISSION. INTEGRITY

OUR ETHICS

Responsible Actions
Transparency
Community

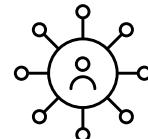


OUR UNIQUENESS

Advanced Technology
Eco-Friendly Solutions
Tailored Systems

OUR SUCCESS

Expanding Reach
Customer-Centric
Approach
Long-Term Impact



OUR CORE VALUES

Integrity
Innovation
Sustainability

WET WASTE MANAGEMENT

MYGREENBIN COMPOSTING



The MyGreenBin composting system is an innovative, eco-friendly solution designed for the efficient management of organic waste. Using an **aerobic in-vessel** composting process, this system converts biodegradable waste into nutrient-rich compost in a controlled environment. Its **dual-bin** concept enhances operational convenience and efficiency.

COMPOSTING LEVEL

MyGreenBin efficiently manages wet waste, serving from **3-member households to 2,000 families**, turning waste into nutrient-rich compost with ease.

- HOME COMPOSTERS
- COMMUNITY COMPOSTERS
- INSTITUTIONAL COMPOSTERS
- BULK DIGESTERS



Replace petro chemicals



Stronger healthier roots

Reduce global warming



Natural cycle

Control soil Erosion



Organic food

Organic manure



Longer productivity

Micro organism



Reduce pollution

BENEFITS OF MYGREENBIN COMPOSTERS

Composting with MyGreenBin

Smart Composting for a Sustainable Future!

The Aerobic In-Vessel Composting System with a Dual Bin Concept ensures continuous, efficient composting with minimal downtime. It utilizes a special inoculum containing fungi and bacteria to accelerate decomposition, breaking down complex organic matter effectively. The enclosed design controls odor and leachate, making it ideal for urban and industrial applications.



Green Pro Certified



Dual Bin



CE Certified



Aerobic In-Vessel System



Faster Decomposition



No Churning



Sandwich Method



Rich Microbes



MYGREENBIN IDEAL FOR



BENEFITS OF MYGREENBIN



- Solid manure
- Liquid manure
- easy to use
- Durable
- 30 days compost
- Compact Design

DUAL BYPRODUCT'S USES



HOME COMPOSTERS

GRC 25

- Capacity of **0.5 kg** of waste per day,
- Ideal for families of **3 members**.



GRC 50

- Capacity of **1 kg** of waste per day,
- Ideal for families of **4 - 7 members**.



GRC 50 FRP

- Capacity of **1 kg** of waste per day,
- Ideal for families of **4-7 members**.



GRC 120 FRP

- Capacity of **3 - 5 kg** of waste per day,
- Ideal for families of **10 - 15 members**.

COMMUNITY COMPOSTERS

MGB 10

- Capacity of up to **10 kg** of waste per day,
- Ideal for families of up to **15 Families**.



MGB 20

- Capacity of up to **20 kg** of waste per day,
- Ideal for families of up to **40 Families**.



MGB 30

- Capacity of up to **30 kg** of waste per day
- Ideal for families of up to **60 Families**.



MGB 40

- Capacity of up to **40 kg** of waste per day,
- Ideal for families of up to **80 Families**.



MGB 50

- Capacity of up to **50 kg** of waste per day
- Ideal for families of up to **60 Families**.

INSTITUTIONAL COMPOSTERS



MGB 100

- Capacity of up to **100 kg** of waste per day,
- Ideal for families of up to **200 Families**.

BULK DIGESTORS

MGB 250

- Capacity of up to **250 kg** of waste per day,
- Ideal for families of up to **500 Families**.



MGB 500

- Capacity of up to **500 kg** of waste per day,
- Ideal for families of **1000 Families**.



MGB 1000

- Capacity of up to **1000 kg** of waste per day,
- Ideal for families of **2000 Families**.



GREENRICH MICROBES



Convert organic waste into nutrient-rich compost. Special inoculum with **beneficial fungi and bacteria** for breaking down citrus peels and meat while controlling odors effectively.

- **Special feature**
- **Efficient composting**
- **Fast waste breakdown**
- **Odor control**
- **Moisture balance**



FEATURES OF MY GREENBIN

- Cost-Effective & User-Friendly
- Advanced Technology: Patented FRP composters
- GreenPro Product, IGBC Certified
- Fast Composting Process
- Eco-Friendly Solution
- No churning or turning required
- Odour-Free Operation



MY GREEN BIN IDEAL FOR

Its scalable and modular design makes it suitable for various applications, including

- Homes
- Apartments & Communities
- Commercial Spaces
- Institutions
- Municipalities
- Hospitals & Government sectors



Microbes



Greenrich Microbes

(Powdered form)

- Available in **5 Ltr, 10 Ltr & 20 Ltr**.
- Ideal for organic waste.



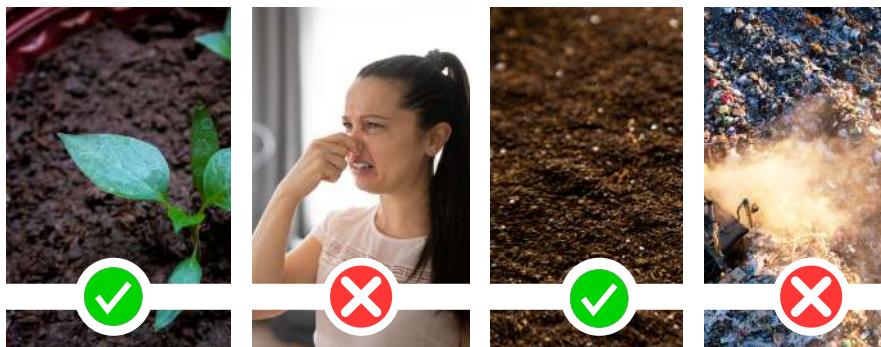
Aerobic Microbes

(Liquid form)

- Available in **1 Ltr**
- Ideal for leaf waste & garden waste composting.

Aerobic Microbes - Fungi & Bacteria Innoculum

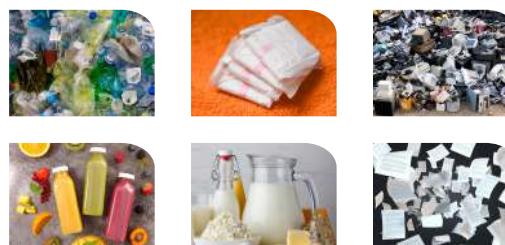
Wet waste is placed between **spongy microbial matrixes** that **absorb moisture, control odor, and ensure aerobic conditions, preventing methane and other harmful gases.**



WHAT TO USE IN COMPOST !



WHAT NOT TO USE IN COMPOST !



BY PRODUCTS

ENRICHING AGRICULTURE AND ECOSYSTEMS



Solid Manure: Enhances soil fertility, meeting crop nutrient demands and boosting agricultural productivity.

Liquid Manure: Ideal for organic farming and supporting ecosystem restoration.

PROCESS OF MYGREENBIN

- **Prepare the Bin:** Add a 1 cm layer of Greenrich Organic Microbes to the bottom.
- **Add Waste:** Layer 3 inches of organic waste on top, then sprinkle 1.5 cm of microbes evenly over it.
- **Repeat:** Keep layering waste and microbes until the bin is full (about 30 days). Collect the solid manure after 30 days.
- **Manage Leachate:** Drain leachate every three days, dilute it (1:1 with water), and use it as a plant bio-booster.
- **Cycle Bins:** Compost for 30 days in one bin, then alternate with a second bin for continuous composting.

ADVANCED WASTE PROCESSING SOLUTIONS

INNOVATIVE AND SUSTAINABLE WASTE MANAGEMENT SYSTEMS

Managing waste effectively is crucial for environmental sustainability. GreenRich offers cutting-edge solutions to process organic, garden, plastic, and municipal solid waste efficiently, turning waste into valuable resources like compost and recyclables.

Solutions	Capacity
GreenRich Precomposters	3HP , 5HP ,7HP & Upwards
Screening Machines	100kg to 1000kg /Hr
Plastic Waste Shredders	5HP TO 20 HP
Garden Waste Shredders	3HP , 10HP & Upwards
Municipal Waste Shredders	3HP ,10HP & Upwards

BENEFITS

- Waste Reduction
- Accelerated Composting
- High-Quality Output
- Eco-Friendly
- Energy-Efficient



IDEAL FOR

- Residential Communities
- Institutions
- Commercial Establishments
- Public Areas
- Industrial Use



Pre Composters



Capacities

- 3 HP + 3 HP: 250 kg/hr
- 5 HP + 5 HP: 400 kg/hr
- 7.5 HP + 7.5 HP: 800 kg/hr
- 10 HP + 10 HP: 500 kg/hr

Shredders

Municipal waste shredder

- 7.5 HP - 500 kg/hr
- 10 HP - 750 kg/hr
- 15 HP - 850 kg/hr
- 20 HP -1100 kg/hr



Garden Waste Shredders

- 5 HP - 250 kg/hr
- 7.5 HP - 400 kg/hr
- 10 HP - 500 kg/hr
- 15 HP - 750 kg/ hr
- 20 HP -1000 kg/ h



Organic waste shredder

- 3 HP - 250 kg/hr
- 5 HP - 300 kg/hr
- 7.5 HP - 500 kg/hr
- 10 HP - 600 kg/hr



Plastic Waste Shredders

- 3 HP - 250 kg/hr
- 5 HP - 300 kg/hr
- 7.5 HP - 500 kg/hr
- 10 HP - 600 kg/hr

Benefits



- Plastic waste shredding
- Big pieces into Small pieces
- Partially Decomposed
- Time Saving Process
- Enhance the Decomposition process

Screening Machine

Capacities

- 100 - 150 kg / hr
- 200 - 450 kg / hr
- 500 - 750 kg / hr
- 750 - 1000 kg / hr



GREENRICH GARDEN & LEAF COMPOSTERS

Greenrich's Garden & Leaf Composters efficiently process **10 to 100 kg of organic waste** daily, transforming it into nutrient-rich compost. Ideal for residential, commercial, and municipal use, they promote sustainability and effective waste management.

TYPES

- Mesh Type Composters
- FRP (Fiberglass Reinforced Plastic) Composters

KEY FEATURES

- Purpose-Built Design
- High Capacity
- Eco-Friendly

BENEFITS

- Reduces waste volume
- Produces quality compost
- Low maintenance
- Durable & weather-resistant



GREENRICH LIQUID MICROBES

Speeds up the decomposition process for garden and leaf waste in My Green Bin composters.

BENEFITS

- Speeds up composting naturally
- Organic, chemical-free, and nutrient-rich
- Specialized microbes for better compost



GARDEN-LEAF COMPOSTERS

Efficient Organic Waste Recycling

Designed to handle **10 to 100 kg** per day, our composter converts garden and kitchen waste into nutrient-rich compost effortlessly and sustainably.

MESH COMPOSTER

- 500 ltr - 10 to 15 kg
- 1000 ltr - 25 to 30 kg
- 5000 ltr - up to 100 kg



5000 LTR FRP

- 5000 ltr - up to 100 kg



Aerobic Microbes

(Liquid form)

- Available in 1 Ltr
- Ideal for leaf waste & garden waste composting.



CERTIFICATES

Our company is **ISO 14001:2015** and **CE** certified, with products earning the "**GREENPRO**" certification from **CII** and **IGBC** for eco-friendliness and lifecycle sustainability, powered by patented innovative technology. our products meet stringent environmental standards, promoting sustainability and a greener future



GREENRICH SOLUTION FOR MATERIAL RECOVERY FACILITY (MRF)

EFFICIENT DRY WASTE PROCESSING

Greenrich offers advanced MRF solutions for efficient dry waste processing, featuring machinery for segregation, shredding, cleaning, and baling to maximize recycling and minimize environmental impact.

OUR MRF SOLUTIONS

Segregation Conveyor Systems	3M - 20M
Plastic Waste Shredders	5HP - 20 HP
Vertical Baling Machines	5HP - 20 HP
Rotary Trommel Screener	5Ton - 100 Tons

ADVANTAGES

- Durability and Reliability
- Energy Efficiency
- User-Friendly Operations
- Low Maintenance
- Scalability

IDEAL FOR

Ideal for Large Quantities of Waste Handling: Efficiently processes significant volumes of waste, ensuring smooth operations even under heavy loads.



MRF



Trommel

- 5 Ton
- 10 Ton
- 20 Ton
- 50 Tons upto 100 Tons



Plastic Waste Shredder

- 5 HP - 250 Kg/hr
- 7.5 HP - 400 Kg / hr
- 10 HP - 500 Kg / hr
- 15 HP - 750 Kg / Hr
- 20 HP - 1000 Kg / Hr



Segregation Conveyor

- 3 Mtr
- 5 Mtr
- 10 Mtr
- 20 Mtr



Baling Machine

- 5 HP - 50 kg/hr
- 7.5 HP - 100 kg/hr
- 10 HP - 200 kg/hr
- 15 HP - 400 kg/hr
- 20 HP - 500 kg/hr

MYGREENBIN BOT

RAPID COMPOSTERS

RAPID DIGESTER - MYGREEN BOT

MyGreenBot is an energy-efficient, fully automatic composter designed for decentralized waste management. It processes 250 kg to 2 tons of organic waste into nutrient-rich compost within just **5 days** using a **non-heating technology**, ensuring minimal energy consumption.



OWC - GREEN BOT

The OWC GreenBot is a high-performance organic waste converter that processes 50 kg to 2 tons of organic waste into nutrient-rich compost within **24 hours**. Utilizing a **heating technology**, it accelerates decomposition while reducing waste volume by up to 80%, making it an efficient and sustainable solution for rapid waste management.



BENEFITS

- Eco-Friendly
- Efficient and Quick
- Self-Sustaining
- Space-Efficient



IDEAL FOR

- Gated Communities
- Apartments & Residential Areas
- Hotels, Malls & Restaurants
- Schools

MyGreenBot (Non-Heating)

Effortless, Odor-Free, and Eco-Friendly



Designed for sustainable waste management, our system processes **250 kg to 3000 kg** per day, ensuring odor-free and eco-friendly composting without heating.

Capacity

- GAC 250 – 250 kg / day
- GAC 500 – 500 kg / day
- GAC 1000 – 1000 kg / day
- GAC 2000 – 2000 / day
- GAC 3000 – 3000 / day



Advantages

- Easy to use
- Completely Automated Process
- 50% - 60% composting process
- Low operation & Maintenance cost
- Less Power Consumption
- Less Covered Space required
- Solar-Powered
- User-Friendly Operation
- Odourless & Hygienic
- Advanced Composting Technology

Fully Automatic & Rapid Composting System



MyGreenBot (Non-Heating Bot)

Process

- PLC controlled Automated Process.
- The organic waste will be processed in the MYGREENBOT for minimum period of 6 days.
- Waste is cut into small pieces, increasing surface area for decomposition.
- Beneficial microbes are added to facilitate breakdown of organic matter.
- Waste is transferred to a controlled chamber for a **5-day composting cycle**.
- Rotating blade ensures uniform mixing and aeration.
- Fermentation, evaporation, degradation, and drying result in high-quality compost.

Additional Automation Features

- Shredder or inbuilt Crusher - **3 HP, 5 HP, 7.5 HP, 10 HP**
- Screw Conveyors
- Sieving Machine



GREENBOT - HEATING

Rapid Heating Composting Solution

Processes **100 kg to 2500 kg** per day with advanced heating technology, converting organic waste into compost within **24 hours** efficiently and odor-free.



Capacity
• GB 100 – 100 kg / day
• GB 250 – 250 kg / day
• GB 750 – 750 kg / day
• GB 1250 – 1250 kg / day
• GB 2500 – 2500 / day.

Advantages

- Eco friendly fully automatic machine
- No Foul smell
- 80% reduction in volume of food waste
- Low operation & Maintenance cost
- Less Power Consumption
- Less Covered Space required
- Easy to use

OWC - GreenBot



FARM PRODUCTS

ORGANIC FERTILIZERS

BOOST GROWTH WITH GREENRICH NUTRIENTS!

Transform soil and plants with Greenrich's organic nutrients. Ideal for sustainable farming, gardening, and agriculture, they ensure healthy plants and superior crop yields.

WHY CHOOSE ORGANIC FARMING?

- Enhance Soil Health
- Recycle Nutrients
- Protect the Environment
- Promote Biodiversity
- Gain Social and Economic Benefits



GREENRICH PLANT NUTRIENT PRODUCTS

- **Liquid Fertilizers:** Greenrich liquid fertilizers deliver instant nutrients for thriving plants, ideal for soil and foliar feeding.
- **Solid Fertilizers:** Greenrich solid fertilizers ensure consistent nutrition for crops, supporting optimal growth and higher yields.
- **Garden Accessories:** Greenrich offers tools like watering cans and compost bins for efficient, sustainable gardening.

ADVANTAGES OF GREENRICH FERTILIZERS

- Long-Lasting Nourishment
- Improves Soil Structure
- Eco-Friendly
- Quick Absorption
- Boosts Growth & Vitality



Greenrich Organic Solid fertilizers



HORMONIX 4:2:2

Balanced NPK fertilizer for plant growth
Enhances soil fertility, improves nutrient uptake



BIOGROW DAP 3:4:0

Rich in nitrogen and phosphorus for plant growth
Enhances soil fertility, improves nutrient uptake



BIO NOURISH 0:0:40

Rich in Potassium (K) for plant growth and development
Enhances soil fertility, improves water retention



CMS BIO SOIL 5:5:5

Corrects soil calcium and magnesium deficiencies
Improves soil structure, water penetration.



NUTRI NOURISH

Eco-friendly and non-toxic fertilizer
Supports plant growth, improves nutrient uptake



NUTRI NOURISH

Eco-friendly and non-toxic fertilizer
Supports plant growth, improves nutrient uptake



MICRO MIX

Concentrated liquid solution for plant growth
Provides essential micronutrients (Zn, Fe, Mn, Cu, B, Mo)



NEEM FERTILIZER

Rich in NPK for plant growth
Controls pests and diseases, improves soil health



Neem Fertilizer

Rich in NPK for plant growth
Controls pests and diseases, improves soil health

Greenrich Liquid Fertilizers



BONE MEAL

High in Phosphorus (15-20%) for root development and flowering



EPSOM SALT

Natural source of magnesium and sulfur
Promotes plant growth, improves nutrient uptake



GROW MORE

Rich in NPK (Nitrogen, Phosphorus, Potassium)
Promotes healthy plant growth, improves soil fertility and structure



COCO PEAT

A scientifically designed combination of nitrogen (N), phosphorus (P), and potassium (K) for optimal plant health and growth.



VERMI COMPOST

Rich in NPK and beneficial microorganisms
Enhances soil fertility, structure, and microbial activity



NEEM CAKE

Natural pest control and fertilizer
Repels nematodes, whiteflies, aphids, and other pests



BIO BLOOM READY TO USE

liquid solution for plant growth
Enhances soil fertility, improves nutrient uptake



BIO BLOOM CONCENTRATE

Concentrated liquid solution for plant growth use in 1:10 ratio



BIO BLOOM CONCENTRATE

Concentrated liquid solution for plant growth use in 1:10 ratio



NEEM OIL

Natural pest control and fungicide
Controls insects, mites, and fungal diseases.



COMPOST GUARD

Used to control the maggots during composting process.



FISH EMULSION

High-quality protein source for plants
Rich in NPK and beneficial microorganisms



PANCHAKAVYA

Natural growth promoter and fertilizer
Rich in NPK and beneficial microorganisms



PROCEDURE



Prepare the Soil



Apply Greenrich Fertilizer



Water Thoroughly

Garden Accessories



DRAIN POT MAT

Help manage excess water and prevent damage to surfaces.



GROW BAGS

A grow bag is a type of container used for growing plants, typically made from durable fabric or plastic



PLANTER BOX SMALL

Greenrich Planter Boxes made from Fiber-Reinforced Polymer (FRP) are a durable and low-maintenance option for gardening and greening spaces



PLANTER BOX BIG

Greenrich Planter Boxes made from Fiber-Reinforced Polymer (FRP) are a durable and low-maintenance

Precaution

- **Read and Follow Instructions:** Always adhere to label directions for proper application rates, timing, and dilution to avoid over-fertilization and plant damage.
- **Avoid Over-Application:** Too much fertilizer can cause nutrient burn and harm plants. Measure carefully to ensure safe amounts.



INCINERATOR

BOOST GROWTH WITH GREENRICH NUTRIENTS!

An incinerator burns waste at high temperatures, reducing volume, converting it to ash, gas, and heat.

SUITABLE FOR DOMESTIC HAZARDOUS WASTES

- Sanitary Napkins
- Baby Diapers
- Household Medical Waste
- Masks and Gloves
- Cotton Waste, Dressings, and Bandages

BENEFITS

- Volume Reduction of Waste
- Energy Recovery
- Pathogen Destruction
- Toxicity Reduction
- Reduced Landfilling

Features



FUELLESS INCINERATOR



ELECTRIC INCINERATOR

ELECTRIC INCINERATOR

Special Features:

- Powered by electricity, offering precise temperature control and efficient waste burning.
- **Handled up to 1200 sanitary napkins per day**
- Eco-friendly option with lower emissions.
- Designed for use in homes, hospitals, and other facilities requiring controlled waste management.

FUELLESS INCINERATOR

Special Features:

- Uses no external fuel source
- Suitable for low-volume waste disposal.
- Simple design and easy maintenance.
- Ideal for small-scale domestic or institutional use.

SPECIALTIES



Fuelless Incinerators

Advanced Fuelless Incineration Technology.

- A fuelless incinerator is an advanced waste disposal system that operates without external fuel, relying on the heat generated from waste combustion itself. Eco-friendly option with lower emissions.
- Designed for use in homes, hospitals, and other facilities requiring controlled waste management.

Process

Waste enters the combustion chamber, burning at **800-1000°C**. Gases move to a secondary chamber for complete combustion at **1000-1200°C**. Heat is recovered, and pollutants are filtered. Ash is collected for disposal.

Noncommercial Models			
	WB	ZT	bT
e 9	DI EC	EI G	H II
e v	HKC	I KC	KKC
v u	D D	D8 D8	G G
k i o	I	L8	N
qp KC9KC1LCn s	qp KCgev 9KC1LCn s		
qp MC9MC1NCn s	qp MCgev 9MC1NCn s		
qp DOC9DOC7DECn s	qp DOCgev 9DOC7DECn s		
qp DEI 9DEI 7DHCn s	qp DEI gev 9DEI 7DHCn s		
qp DI C9DI C7DLCn s	qp DI Cgev 9DI C7DLCn s		

Electrical Incinerators

Economical Electric Incineration!

- An electric incinerator is an advanced waste disposal system that uses electricity as its primary energy source instead of conventional fuels. Simple design and easy maintenance.
- Ideal for small-scale domestic or institutional use.

Process

Waste is loaded, pre-heated to 200-400°C, and burned at **800-1000°C**. Flue gases undergo secondary combustion at 1000-1200°C, then cleaned via an Air Pollution Control system.

Models

	u u
i u l A	I q q 9e
i u l EC	EC7El q q 9e
i u l HC	f e 7HCn v -
i u l IC	I C7KCq q 9e
i u l LI	LC7MCq q 9e 2 3
i u l MC	f e 7MCn v -



MY GREEN BELLY

WET WASTE TO BIOGAS TO ENERGY SOLUTIONS

Transform organic waste into valuable energy with our innovative biogas solutions. Biogas is produced through the anaerobic decomposition of organic matter by bacteria, creating a clean and renewable energy source that can replace natural gas in various applications.

COMPOSITION

Biogas consists of approximately 60% methane and 40% carbon dioxide (CO₂), making it similar to natural gas, which is 99% methane.

RENEWABLE ENERGY USES

- Power Generation
- Cooking Fuel
- Bio CNG (Compressed Natural Gas)
- Cold Storage
- Combined Heat and Power (CHP)
- Direct Industrial Usage

TYPES OF BIOGAS PLANTS

1. Fixed Dome Biogas Plant
2. Floating Drum Biogas Plant
3. Balloon-type Biogas Plant
4. Modular Biogas Plant

BENEFITS OF BIOGAS PLANTS

- Waste Management
- Sustainable Energy
- Economic Value
- Greenhouse Gas Reduction

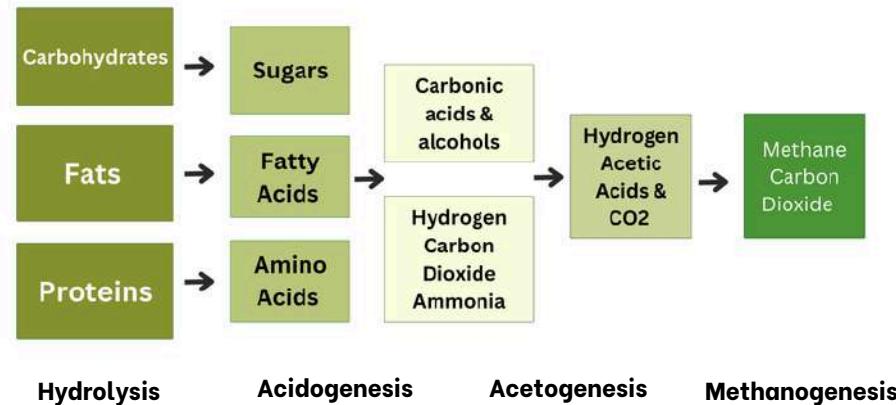


Renewable Energy from Organic Waste

We offer biogas plants from **10kg to 60 tons/day and upwards**, converting organic waste into renewable energy efficiently.

Process

- Collect and chop organic waste, then mix with water to create a uniform slurry.
- Add water to achieve 10-15% solids content.
- Feed the prepared biomass into the digester tank, where microorganisms break it down in the absence of oxygen, producing biogas (50-70% CH₄, 30-50% CO₂).
- The biogas collects in the gas holder, which expands and contracts with production, storing 1-3 days' worth of biogas.



Hydrolysis

Acidogenesis

Acetogenesis

Methanogenesis

Benefits of Bio Gas



Compact Model BioGAS

- 0.5 CUM
- 1 CUM
- 2 CUM
- 3 CUM
- 6 CUM

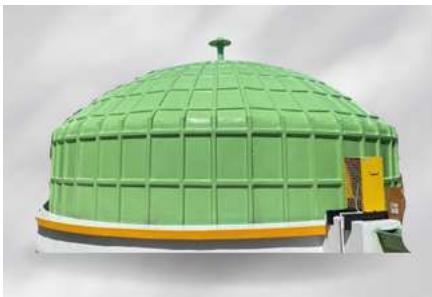


Containerised BioGas Plant

- CBG 1000 - 1 TPD
- CBG 1500 - 1.5 TPD
- CBG 3000 - 3 TPD
- CBG 6000 - 6TPD
- CBG 9000 - 9 TPD
- CBG 12000 - 12 TPD

Floating drum

- 300 Kg Per Day
- 500 Kg Per Day
- 750 Kg Per Day
- 1000 Kg Per Day
- 1300 Kg Per Day



Customized Biogas Plant

- 20 TPD
- 30 TPD
- 50 TPD
- 100 TPD
- 200 TPD.

FLOATING DRUM BIOGAS PLANTS

Customized floating Drum biogas Plant is an innovative approach to harnessing renewable energy from organic waste. Our floating drum biogas plants offer a reliable, efficient and eco-friendly solution for managing waste and generating energy

How it Works

Our Rotating drum biogas plants utilize anaerobic digestion to convert organic waste into biogas (CH4 and CO2). Floating Drum bio gas is a **Fibre Reinforced Polymer (FRP)**. Digestor is a civil work construction below ground

Benefits

- Reduced greenhouse gas emissions
- Low operating costs
- High energy efficiency
- Compact design, suitable- small-scale applications

The process

- Waste feeding
- Anaerobic digestion
- Biogas production
- Gas storage in the floating drum
- Energy generation



Our Projects

Our present Installation is **5 MT Bio-Methanation Plants at Maraimalai Nagar, Tiruverkadu, and Ranipet**, turning wet waste into electricity sustainably.

GREENRICH BIOROL ADVANCED BIOFUEL BRIQUETTES

Our Greenrich BIOGOLD briquettes offer a sustainable alternative to traditional fuels, reducing greenhouse gas emissions while providing high energy output.

KEY FEATURES

- High Calorific Value: Above 3900+ KCal/Kg
- Low Moisture Content: 10-12%, compared to up to 55% in green firewood
- High Density: Approximately 1000 Kg/M³, optimizing transport and storage
- Low Ash Content: Around 10%, ensuring cleaner burning

RENEWABLE ENERGY USES

- Power Generation
- Cooking Fuel
- Bio CNG (Compressed Natural Gas)
- Cold Storage
- Combined Heat and Power (CHP)



APPLICATIONS

- Cement Industry
- Steel Industry
- Oil Refineries
- Furnace Applications
- Municipalities and Corporations
- Panchayats

Biokol - Mixed Waste Solution



GREENRICH offers a solution for the recycling of **Biomass or MSW to High - Density Briquettes** and this a potential solution to the solid waste problems. The dependency on fossil fuel decreases thereby solving the energy requirements.

Capacity

Available capacities

- 10 TPD
- 20 TPD
- 50 TPD
- 100 TPD



Key Features

- Waste is recycled to solve environmental and renewal energy problems.
- Compared to other options, this technology offers higher economic feasibility and more efficiency in conversion of waste into renewable energy.
- By using the MSW to make Bio Briquettes, the output value matched is better than the agricultural biomass. The Briquettes from MSW with a **calorific value of 4000 to 5000 Kcal** is matched to that of output from coal.
- Biomass Briquettes are a biofuel substitute to coal, kerosene oil and charcoal. The Briquettes are cofired with coal in order to create the heat supplied to the Boiler/Furnace



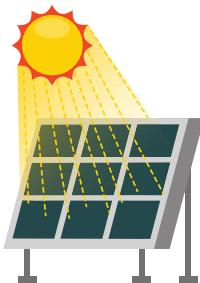
SOLAR SOLUTIONS

SOLAR TURNKEY RENEWABLE ENERGY SOLUTIONS

Harness clean, renewable energy with our comprehensive Solar System Solutions, offering **Engineering, Procurement & Construction (EPC), Energy Purchase Agreements, and Green Funding.**

OUR EXPERTISE

- Solar Photovoltaics (PV)
- Renewable Energy Solutions
- Energy-Efficient Lighting
- EV Charging Solutions
- Energy Storage Systems



INNOVATIVE SOLUTIONS

Partnering with industry leaders, we offer end-to-end solutions from design to maintenance, ensuring efficient solar energy production and management for various applications.

BENEFITS

- Cost Savings
- Environmentally Friendly
- Energy Independence
- Government Incentives
- Low Maintenance Costs



We provide customized solar energy systems ranging from 3 kW to 1000 kW, ideal for residential, commercial, industrial, and institutional sectors, ensuring cost efficiency and environmental benefits.



Solar photovoltaics provide clean energy, while renewable energy solutions drive sustainability. Energy-efficient lighting reduces consumption, and EV charging solutions support greener transportation. Energy storage systems ensure reliable power for a sustainable future. Greenrich Solar Plants offer a range of benefits, including significant cost savings and long-term financial advantages.

They provide an environmentally friendly energy solution, reducing carbon footprints and promoting sustainability. With solar power, users gain energy independence, minimizing reliance on conventional electricity sources. Additionally, government incentives make solar adoption more affordable, while low maintenance costs ensure hassle-free operation for years to come.



Solar Power Solutions

Powered Composting Solution!

We provide complete solutions including Engineering, Procurement & Construction (EPC), Energy Purchase Agreements, Green Funding, and maintenance for Solar PV & Thermal Systems. Our expert team delivers high-quality service and sustainable energy solutions for residential, commercial, industrial, and institutional sectors.

Features



- Renewable Energy
- Photovoltaics
- Energy Management
- Energy efficient lightings
- EV Charging terminals
- Energy Storage Solutions

At Greenrich Enviro Solutions, we champion a holistic approach to energy solutions serving as a comprehensive one stop destination for all your environmental and renewable energy needs. Specializing in Waste Management Solutions.

Waste to Energy Solutions and environmental consultancy, we are committed to fostering a sustainable future for generations to come. Building a Sustainable Future Together

OUR RANGES

- Self Consumption
- Energy Management
- Energy Efficient Lighting
- EV Mobility
- Energy Storage

Our team of experts ensures top-tier quality and service, catering to various building types from residential to commercial and industrial. We offer a range of products and accessories sourced from industry partners to deliver excellence and reliability in every project.

Benefits



GREENRICH BAZAAR

UNIECO SHOP PORTAL

At Green Rich Bazaar, we are dedicated to providing eco-friendly and sustainable products that cater to your everyday needs.

WHERE NATURE MEETS YOUR NEEDS!

Our diverse range of offerings ensures that you can make environmentally conscious choices without compromising on quality or style.

CATEGORIES

- Traditional Varieties** - Products rooted in heritage, offering authenticity and sustainability.
- Natural Products** - Organic and chemical-free items promoting healthy living.
- Native Varieties** - Unique local staples and handcrafted items that reflect regional culture.

YOUR
ONE-STOP DESTINATION
FOR
ORGANIC LIVING
AND SUSTAINABLE
CHOICES

www.greenrichbazaar.com



Your One-Stop Online Marketplace for All Your Needs!

Explore Our Wide Range of Products:

- Composting bins for sustainable waste management
- Organic fertilizers for optimal plant growth
- Native Sweet varieties for a taste of tradition
- Garden care products for beautiful landscapes
- Handcrafted products for a touch of uniqueness
- Traditional cosmetics for natural beauty

Special Features



- Door step delivery



- Natural Products



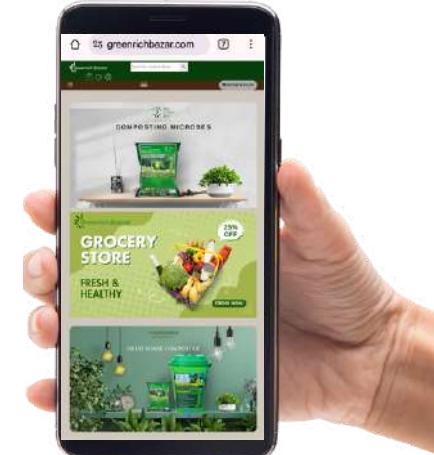
- Chemical free



- Secure Payment Options



- Excellent Customer Support



"where nature meets your needs "

GREENRICH CARE N SAFE

SAFE. COMFORTABLE. REVOLUTIONARY.

Redefining Menstrual Hygiene with Innovation and Care
Care N Safe is committed to transforming menstrual health with advanced **10-in-1 technology, ensuring superior protection, comfort, and hygiene**. Designed with skin-friendly, eco-conscious materials, our sanitary napkins offer leak-proof, antibacterial, and pain-relief benefits, empowering women with a safe, sustainable, and worry-free period experience.

WHY CHOOSE CARE N SAFE?

At Care N Safe, we believe that every woman deserves a safe, comfortable, and hygienic menstrual experience. Our cutting-edge 10-in-1 technology ensures superior protection, health benefits, and sustainability.



Designed for complete menstrual care, ensuring optimal absorption and comfort.

Includes:

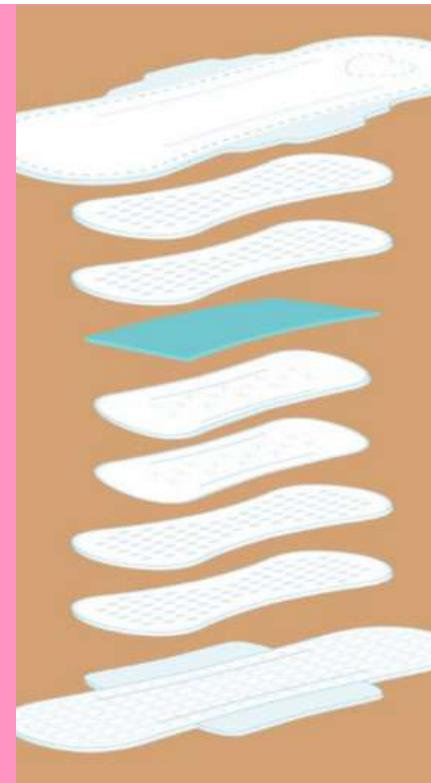
- 20 Pads – Normal Flow (White)
- 10 Pads – Medium Flow (Rose)
- 10 Pads – Heavy Flow (Blue)

Leak-proof, ultra-soft, and skin-friendly for all-day protection.



SPECIAL FEATURES

- **9-Layer Protection** – Superior absorption, zero leakage.
- **Advanced Gel Core** – Locks up to 250ml for all-day dryness.
- **Antibacterial Technology** – Prevents infections and discomfort.
- **Graphene and Infrared Technology** – Reduces menstrual pain by 90 percent.
- **Soft Cotton Layer** – Breathable and irritation-free.
- **Odor Control** – Long-lasting freshness.
- **Eco-Friendly and Biodegradable** – Safe for you and the planet.
- **PCOD/PCOS Support** – Aids hormonal balance.
- **Ultra-Thin and Comfortable** – Feels light, protects strong.



Care N Safe offers advanced protection and wellness with its innovative technology. Tea polyphenols provide antioxidant benefits, safeguarding the uterus and body. Graphene technology reduces menstrual pain by up to 90 percent, while Anion and Nano Silver prevent infections. The Anion chip helps regulate hormonal imbalances linked to PCOD/PCOS, and Far Infrared technology boosts immunity by enhancing white blood cell production. Aloe vera adds a cooling effect, soothing inflammation and discomfort for a healthier, more comfortable period experience.

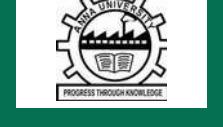
OUR ESTEEMED CUSTOMERS

GOVERNMENT SECTORS



OUR ESTEEMED CUSTOMERS

APARTMENTS



HOSPITALS



OUR ESTEEMED CUSTOMERS

HOTELS & RESORTS



CLUBS & MALLS



MYGREENBIN HOME COMPOSTERS



MY GREEN BIN
INSTALLED AT @ THE
DALY COLLEGE
INDORE



MY GREEN BIN
INSTALLED AT
INDORE MUNICIPAL
CORPORATION



MY GREEN BIN
INSTALLED AT
CHHINDWARA
MUNICIPAL
CORPORATION

MY GREEN BIN
INSTALLED AT @
KHANDWA
MUNICIPALITY



MY GREEN BIN
INSTALLED AT
INDORE
COLONY



MY GREEN BOT
INSTALLED AT
INDORE
MUNICIPAL
CORPORATION



MY GREEN BIN
INSTALLED AT
INNER WHEEL
CLUB @ INDORE

MY GREEN BIN
INSTALLED AT
ST.JOSEPH EYE
HOSPITAL



MYGREENBIN @ GOVERNMENT SECTORS



MY GREEN BIN
INSTALLED AT
LALGUDI
MUNICIPALITY



MY GREEN BIN
INSTALLED AT
CHICKANAYAKANH
ALLI



MY GREEN BIN
INSTALLED AT
THAZAMBUR
PANCHAYAT

MY GREEN BIN
INSTALLED AT
GUNTUR
MUNICIPALITY



MY GREEN BIN
INSTALLED AT
GUDALUR
MUNICIPALITY



MY GREEN BIN
INSTALLED AT
CUSTOM OFFICE -
FARIDABAD



MY GREEN BIN
INSTALLED AT
VILLAGE
PANCHAYAT
KAVLEM, PONDA
GOA

MY GREEN BIN
INSTALLED AT TAISHA
- IAS OFFICIALS
QUARTERS, CHENNAI



MYGREENBIN @ DEFENCE



MY GREEN
BIN
INSTALLED @
CRPF DELHI

MY GREEN BIN
INSTALLED AT
MEG - ULSOOR
BANGALORE



MY GREEN BIN
INSTALLED AT
ICMR CENTRAL
@ VIZAG



MY GREEN BIN
INSTALLED AT
INDIA NAVY -
VIZAG



MY GREEN BOT
INSTALLED AT
TAISHA - IAS
OFFICIALS
QUARTERS

MY GREEN BIN
INSTALLED AT
AIRFORCE
STATION, DELHI



MY GREEN BIN
INSTALLED AT
DELHI CANTT



MYGREENBIN @ APARTMENTS



MY GREEN BIN
INSTALLED AT
DUGAR
APARTMENT @
CHENNAI



MY GREEN BIN
INSTALLED AT
ASHOKA
PARADISE,
MANGALORE



MY GREEN BIN
INSTALLED AT
CEEBROS ONE 74
APARTMENT

MY GREEN BIN
INSTALLED AT
HOUSING
SOCIETY - PUNE



MY GREEN BIN
INSTALLED AT
PRESTIGE
CONSTRUCTIONS,
BANGALORE



MY GREEN BOT
INSTALLED AT
PALM MEADOWS
BANGALORE



MY GREEN BIN
INSTALLED AT SAI
PREM APARTMENT,
MANGALORE

MY GREEN BIN
INSTALLED AT
BRAHMA SUN CITY @
PUNE



MYGREENBIN @ HOTELS & CLUBS



MY GREEN BIN
INSTALLED AT
KACHIGUDA,
HYDERABAD



MY GREEN BIN
INSTALLED AT
GINGER HOTEL
@ VIZAG



MY GREEN BIN
INSTALLED AT
SWAGATH GROUP
OF HOTEL

MY GREEN BIN
INSTALLED AT
PALM BEACH
HOTEL



MY GREEN BIN
INSTALLED AT
SWAGATH GRAND
HOTEL
HYDERABAD



MY GREEN BIN
INSTALLED AT
EAST POINT GOLF
CLUB



MY GREEN BIN
INSTALLED AT
MUGHAL BAWARCHI
@ BHEL, HYDERABAD

MY GREEN BIN
INSTALLED AT
WALTAIR CLUB



MYGREENBIN @ INSTITUTIONS



MY GREEN BIN
INSTALLED AT
JERUSALEM
COLLEGE
@ CHENNAI



MY GREEN BIN
INSTALLED AT
PALLAVAPURAM
GOVT.SCHOOL
@ CHENNAI

MY GREEN BIN
INSTALLED ANNA
INSTITUTE OF
MANAGEMENT
@ CHENNAI



MY GREEN BIN
INSTALLED
PANDURANGA
TEMPLE
@ VIZAG



MY GREEN BIN
INSTALLED AT
DR.MGR
UNIVERSITY @
MADURAVOYAL



MY GREEN BOT
INSTALLED AT
S.C.S SCHOOL @
CHROMPET

MY GREEN BIN
INSTALLED AT SBOA
SCHOOL &
COLLEGE CHENNAI,



MY GREEN BIN
INSTALLED
CRESCENT SCHOOL
@ NUNGAMBakkAM



MYGREENBIN @ TEMPLES



MY GREEN BIN
INSTALLED AT SAI
BABA TEMPL
PERAMPUR



MY GREEN BIN
INSTALLED AT
SAIBABA TEMPLE
@ GUINDY,
CHENNAI



MY GREEN BIN
INSTALLED AT SHRI
GANAPATHI
MANDIR
KHAJRANA

MY GREEN BIN
INSTALLED
PANDURANGA
TEMPLE
@ VIZAG



MY GREEN BIN
INSTALLED AT
SHREE MANGESH
TEMPLE GOA



MY GREEN BOT
INSTALLED AT SAI
BABA TEMPLE
CHENNAI



MY GREEN BIN
INSTALLED AT
AYYAPPAN TEMPLE
MAHALINGAPURAM,

MY GREEN BIN
INSTALLED AT
KRISHNAN TEMPLE
@ AYANAVARAM



MYGREENBIN @ HOSPITALS



MY GREEN BIN
INSTALLED AT
SANKARA EYE
HOSPITAL
CHENNAI



MY GREEN BIN
INSTALLED AT
PAVITHRA
HOSPITAL

MY GREEN BIN
INSTALLED AT
B.P.JAIN
HOSPITAL



MY GREEN BIN
INSTALLED AT
JESUS CHILD
HOSPITAL
TRICHY



MY GREEN BIN
INSTALLED AT
PARVATHY
HOSPITAL



MY GREEN BOT
INSTALLED AT
BALAJI HOSPITAL @
CHENNAI

MY GREEN BIN
INSTALLED AT
HINDU MISSION
HOSPITAL



MY GREEN BIN
INSTALLED AT
ST.JOSEPH EYE
HOSPITAL



A SUCCESS STORY IN SUSTAINABLE COMPOSTING

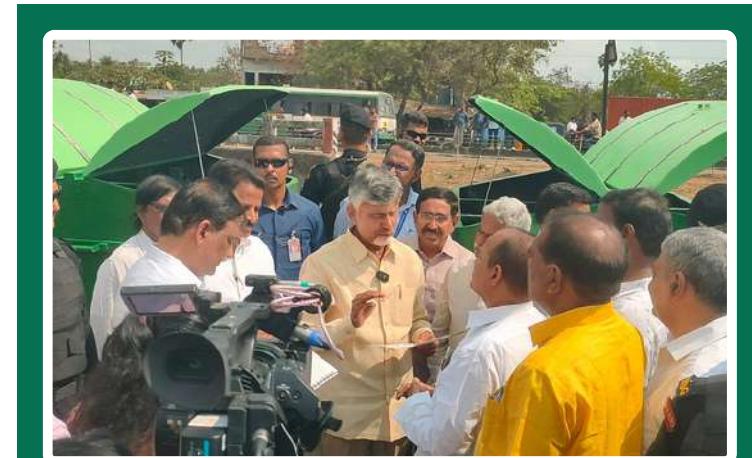
5 TPD BIOMETHANATION PLANT AT GANDHI NAGAR, MCC CAMPUS, MARAIMALAI NAGAR MUNICIPALITY

Maraimalai Nagar Municipality has implemented a 5 Tons per Day (TPD) Biomethanation Plant at Gandhi Nagar, MCC Campus to manage organic waste sustainably. The plant processes 5 TPD of biodegradable waste from households and markets, using anaerobic digestion to generate 250-300 cubic meters of biogas daily. The biogas is utilized for municipal kitchens and electricity generation (~80–100 kWh/day), while the organic slurry is converted into high-quality organic manure for local farmers. The project reduces landfill waste by ~1500 tons annually and lowers CO₂ emissions by ~800–1000 tons per year. It has created 8–10 local jobs and enhances waste segregation awareness.



LALGUDI MUNICIPALITY COMPOSTING INITIATIVE

Lalgudi Municipality installed a 6 TPD Greenrich Aerobic In-Vessel Composting System to manage municipal wet waste. The system processes 100% of wet waste, reducing landfill waste and greenhouse gas emissions. High-quality compost is produced for agriculture and horticulture.



MYGREENBIN MGB150 AT TANUKU MUNICIPALITY VEGETABLE MARKET

The MyGreenBin MGB150, inaugurated by the Honourable Chief Minister of Andhra Pradesh, is transforming waste management at Tanuku Municipality Vegetable Market. Using Advanced Microbial Technology & Dual Bin Concept, it processes 150 kg of organic waste daily into nutrient-rich compost. This initiative reduces landfill waste, lowers greenhouse gas emissions, and promotes sustainable urban composting. With minimal maintenance and odor-free operation, it is a cost-effective, eco-friendly solution for decentralized waste management.

A SUCCESS STORY IN SUSTAINABLE COMPOSTING

KARWAR MUNICIPAL CORPORATION ORGANIC WASTE MANAGEMENT

Karwar Municipal Corporation, Karnataka, implemented an organic waste management system using 3 units of 9000 Ltr capacity. The system efficiently manages organic waste, reducing odors and environmental pollution. The processed waste is converted into valuable compost. The project promotes sustainable waste management practices in the region. Implemented to benefit the local community and environment.



KOTTAKUPPAM MUNICIPALITY COMPOSTING INITIATIVE

Kottakuppam Municipality, Tamilnadu, implemented a 5-6 TPD composting system using 6 MGB 1000 units. The system utilizes microbes for efficient composting. The project aims to reduce waste sent to landfills and produce high-quality compost.



SIRICILLA MUNICIPALITY - MYGREENBIN IMPLEMENTATION

The Village Panchayat in Vasco, Goa adopted the 25L MyGreenBin Home Composter to manage household wet waste efficiently.

The MyGreenBin units were distributed to individual households to compost kitchen waste like vegetable peels, food scraps, and garden waste.

Our Waste, Our Responsibility

JOIN 2ND REVOLUTION WITH US



GREENRICH GROW INDIA Pvt Ltd

Ground Floor plot no 3 & 4, Vallalar Street, Ayyapakkam,
Kil Ayyanambakkam, Chennai - 600 095

GREENRICH ENVIRO SOLUTIONS Pvt Ltd

First floor plot no 3 & 4, Vallalar Street, Ayyapakkam,
Kil Ayyanambakkam, Chennai - 600 095



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