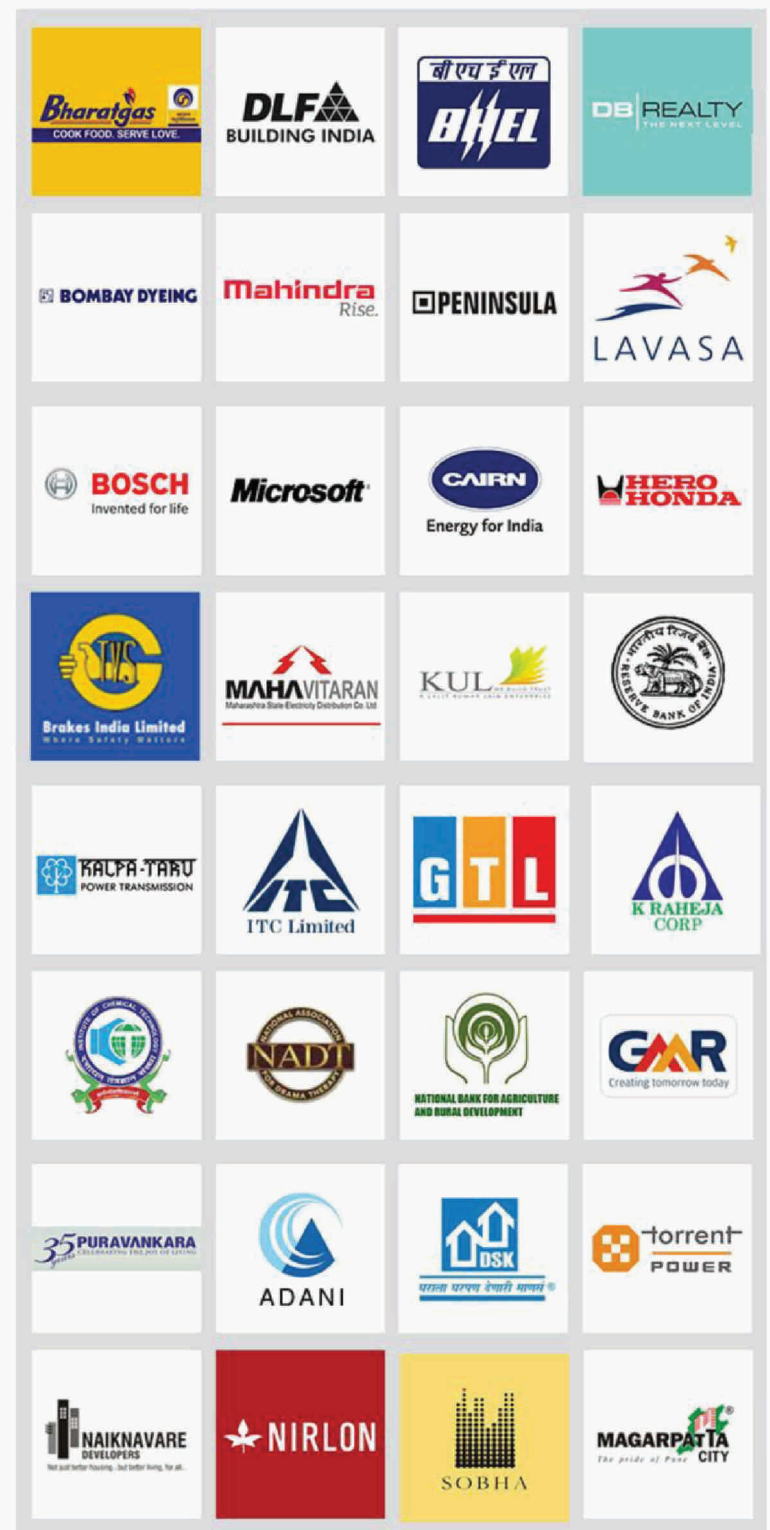


Excel OWC Clients in India



Excel OWC Clients in Kerala

 <div>CORPORATION OF THRISSUR</div>	<p>The plant is located at Sakthan Thampuran Nagar, Thrissur. Converts 6tons of Bio-waste into manure per day. O&M by M-Way</p>	 <div>Mata Amritanadamayi Ashram, Vallikkavu, Kollam</div>
 <div>CORPORATION OF THIRUVANANTHAPURAM</div>	<p>Two OWC Plants already Installed for TVM Corporation. One at Palayam Police Quarters, and another Vikas Bhavan. 17 Plants to be installed shortly for Tvm Corporation</p>	 <div>OCEANUS</div> <div>Bluemond, Serenity, Rainbow, Elite, Estate</div>
 <div>Kerala State Housing Board, Govt. of Kerala Pattor Housing Society, Trivandrum</div>	 <div>Nilapalace Luxury Hotel</div> <div>Ezhukone, Kollam</div>	 <div>ASSET HOMES The responsible builder</div> <div>Thiruvananthapuram</div>
 <div>भारतीय रिज़र्व बैंक Reserve Bank of India India's Central Bank Trivandrum & Cochin</div>	 <div>Cognizant Info Park Kochi</div>	 <div>ESTABLISHED 1888 Malayala Manorama ,Kottayam</div>
 <div>മനോരമ manorama Aroor</div>	 <div>SAROVAR PREMIERE kerala - vayalar A SAROVAR HOTEL Cherthala, Alappuzha</div>	 <div>TRIVANDRUM CLUB Vazhuthacaud, Trivandrum</div>

INFRASTRUCTURE DEVELOPMENT

M-way possess Class-A PWD contractor Licence for performing PWD works.

MODERN SLAUGHTER HOUSES

Modern Slaughter houses use machines for processing meat & composting their wastes.

WASTE WATER MANAGEMENT

The Waste water management includes setting up effluent treatment plant and O&M of such plants.



M-Way Consultants & Developers Pvt. Ltd

(Accredited Service Provider of Suchitwa Mission, Govt. of Kerala)

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M-Way Consultants & Developers Pvt. Ltd.



Designers & Developers of Modern Waste Management Plants

WASTE MANAGEMENT PROJECTS & SERVICES

WASTE MANAGEMENT CONSULTANCY

INFRASTRUCTURE DEVELOPMENT

MODERN SLAUGHTER HOUSES

GREEN PRODUCTS

| Organic Waste Converters | 24 Hour Composters | Organic Waste Double Shredders
 | High Speed Chipper-Shredders | Kitchen Waste Crushers | FRP Portable Biogas Plants
 | Portable Assembly Biogas Plants | Bioculum | Sanitreat
 | Organic Waste Rotary Composter | Organic Manure
 | Self-aerated Compost Bins | Organic Wet Waste Converters | STP

www.m-way.in

ABOUT US:



Doctor - M - Group of Companies

Estd-1988

Established in the year 2012, M-Way Consultants and Developers Pvt Ltd , the younger member of the Doctor-M Group, is a leading firm in the field of decentralized waste management. M-Way is one of the accredited Service Providers of Suchitwa Mission (the nodal agent of Govt. of Kerala for waste management) for Community Level Composting & Institutional Level Composting.



WASTE MANAGEMENT CONSULTANCY:

M-Way provides technical solutions for Waste Management Projects.

❖ Advanced Aerobic Composting Units

Thumburmuzhy Model Aerobic Composting Technique (TMACT) for livestock waste management (90 days) & aerobic composting unit with Pagoda roof for organic waste management are low-cost alternatives.



❖ Organic Waste Converter (OWC) Technology for U.L.B.s (Urban Local Bodies) and A.P.M.C.s (Agriculture Produce Market Committee)



Large Scale OWC Plants with Multi-Curing System



Large Scale OWC Plants with Windrows

GREEN PRODUCTS:

❖ Organic Waste Converter (OWC)

It is an electrically operated machine that can convert organic waste to odour-free Raw Compost in just 15 minutes & to mature Black Compost in 10 days. The compost obtained is of high quality and can be either sold in the market or used for kitchen gardening. The different models of Excel OWCs and their capacities are given below :



Model	Batch Size	Waste/day	Elec. Cons.	Water Consump.	Space Req.
Excel OWC 30	10 Kg	100 Kg	2 Units/day	75 L/day	100 Sq.ft
Excel OWC 60	25 Kg	400 Kg	6 Units/day	200L/day	300 Sq.ft
Excel OWC 130	50 Kg	600 Kg	12 Units/day	500 L/day	600 Sq.ft
Excel OWC 300	125 Kg	1200 Kg	24 Units/day	1000L/day	1200 Sq.ft
Excel OWC 500	250 Kg	2500 Kg	50 Units/day	2000L/day	2500 Sq.ft

❖ 24 Hour Organic Composter (Bioneer)

Bioneer is an electrically operated machine that can convert organic waste to mature compost in just 24 hours. The compost produced is of very high quality and can be used immediately.

Model	Capacity per Batch	Dimensions (L x H x W)
Bioneer-10	10Kg/day	
Bioneer-50	50Kg/day	
Bioneer-100	100Kg/day	1.5m x 2.2m x 0.8m
Bioneer-200	200Kg/day	1.65m x 2.5m x 1.1m
Bioneer-300	300Kg/day	1.7m x 3.0m x 1.1m
Bioneer-400	400Kg/day	1.8m x 3.0m x 1.3m



❖ Organic Waste Double Shredder (ODS)

The Organic Waste Double Shredder pre-treats solid compact waste such as animal bone, small twigs and thin branches for easy feed into the OWC machine.



❖ High Speed Chipper-Shredder (HCS)

The high speed chipper-shredder can shred coconut leaves (20 ft length), tree branches (upto 5inch dia.), Commercial municipality wastes etc with very high speed. These wastes can be then fed to the OWC machine for composting



❖ Kitchen Wastes Crusher (KWC)

The Kitchen Waste Crusher is a machine which is installed below the Kitchen Sink to crush food wastes, the outlet of which is connected to the public drainage system or to the inlet of a biogas plant. There are various models available from home waste crushers to hotel waste crushers.



❖ FRP Portable Biogas Plant (PBGP)

The Portable Fibre Reinforced Plastic based Biogas Plants are the most effective and economic means for disposing biodegradable solid as well as liquid wastes. The output obtained is Methane which is a cooking fuel. Slurry, which is the byproduct is a very good organic fertilizer and can be used for kitchen gardening. The M-Way model, IRTC model, SM model & ANERT models are available in various sizes



❖ Portable Assembly Biogas Plant (ABGP)

Portable Assembly Biogas System is a Do It Yourself (DIY) Kit Biogas System for convenient transport and easy assembly. It comes in cardboard boxes. It is surface mounted, there is no need for digging or heavy construction. It can be assembled within 30 minutes by the client itself without any training.



❖ Sanitreat (ST)

Sanitreat is a herbal & mineral mixture that is a non-toxic and environmentally safe way to sanitization. It makes organic garbage and waste stink-free in just a few minutes.



❖ Bioculum (BC)

Bioculum is a mixture of micro organism cultures that accelerate the aerobic composting of biodegradable organic waste. It also treats the wastes and makes it free from pathogens, foul smells and weed seeds. It is suitable for treating and composting organic wastes generated by hotels, slaughter houses, households, municipalities etc



❖ Organic Waste Rotary Composter (OWRC)

Organic waste rotary composter uses tumbling technology to convert all crushed biodegradable solid wastes to quality compost in 8-12 days. The rotation of Tumbler is either manual (hand rotation using gear system) or auto (using motors). The following are the



OWRC Home Model Side Loading Manual Type
(2Kg /day 13Kg/day)

OWRC Community Model Side Loading - Manual Type
(12Kg/day - 100kg/day)

OWRC Community Model Side Loading - Automated Type
(100Kg/day -200kg/day)



OWRC Community Model Side End Loading - Automated Type
(150Kg/day to 500Kg/day)



Organic Waste Rotary Composter machine is developed on the principle of providing complete composting system in a single machine, both the shredding & composting take place in a machine employing micro-organisms to convert the shredded organic waste to compost. The input is first fed to a built in shredder which reduces the waste material size to maximize surface area available contact with micro-organisms for quick composting (10 -12 days).



❖ Self -Aerated Compost Bin with Bio-Digester Kit

The Bionatura Self-aerated compost Bin (30 Kg) is an aerobic bin that converts all organic wastes at home or office to compost in 30 days. The Bio-digester kit supplied along with the bin contains all the necessary additives such as inoculums, saw dust, odour masking herbal powder etc for facilitating efficient & fast aerobic composting. It also contains a herbal insect repellent & a Sprayer.



❖ Bionatura Organic Manure

The Bionatura Organic Manure is organic compost supplemented with essential nutrients & minerals for plant growth. It is very good for crop cultivation, kitchen gardening, landscaping etc.

