

Company Profile



MAEKO Biotech
Aerobic Microbial
Composting
Technology

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YOUR PARTNER IN FOOD WASTE MANAGEMENT SOLUTION

MAEKO embraces a team of passionate earth lovers extending hands in solving the ever challenging food waste issue which poses a huge economy burden to community. We research continuously over the years with an intention of developing a technology that can be well accepted, convenient in usage and easily adopted by all communities to contribute one's role in handling food waste at source and thus resulting in the attitudinal shift in future generation. We educate and create awareness among the industry and the government to put an end to illegal and irresponsible dumping of food waste by working with communities, businesses, waste contractors and policy makers to support waste reduction, recovery, and composting across the supply chain.

MAEKO Food Waste Composting Machines are engineered with one aim in mind: to divert resources from landfills by tackling the food waste issue at source and thus resolving the pressing negative impacts of food waste towards enormous economic, environmental and societal significance. With our state-of-the-art food waste recycling system, MAEKO is devoted in solving problems such as reducing high haulage cost, reducing carbon foot prints generated by garbage trucks to landfill, methane gas pollution from the landfills due to excessive waste, reducing GHG emission, eliminate foul air pollution, leachate pollution due to poor handling of food waste by contractors, and most of all to minimize the continuous creation of hazardous landfills mostly



Mentari Alam EKO (M) Sdn Bhd is a corporation devoted to solving problems associated with Food Waste, Municipal Waste (organic), Green Recycling Project Consultancy, Food Waste Recycling Facilities, Food Waste Machine Installation and Operation Management, Engineering and Design for Environmental Protections, and Food Waste Solutions Technology.

Now, food waste and leftovers from your meals need not rot in the garbage awaiting disposal. Simply collect all your food waste and place into our **MAEKO** food waste composting machine and have the waste converted into odourless compost within 12 – 24 hours that you can use to fertilise or return to the environment. **MAEKO** a made in Malaysia award winning food waste composting machine uses a state of the art Microbial Aerobic Compression Composting Technology with a built-in aerobic filtration system.

1

Recycle, Reduce, Reuse

2

Quick Composting

3

Cost Efficient

4

Energy Saving

5

Reduces Manpower

6

Low Maintenance

7

Convenient

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MAEKO develops and designs food waste composting machines to tackle food waste issues at source. MAEKO designs composting machines with various technologies to meet different environmental needs.

Compost 100% Food Waste into Bio-Organic Soil Enhancers

MAEKO's Aerobic Microbial Compression Composting Technology recycles all types of food waste using aerobic microbial activity couple with compression technology to transform food waste into bio-organic compost within a short period of 12-24 hours.

- 1) No usage of chemical substance
- 2) All Built-In Design (No additional grinding equipment needed)
- 3) No Foul Smell (in-built odor management system)
- 4) DO NOT need to wash food waste before insertion into composting machine
- 5) Space Efficient (small in size)



CONTINUOUS
ENGINEERING
DEVELOPMENT



CONTINUOUS
BIOLOGICAL
RESEARCH



ACHIEVE SUPPORT &
COLLABORATION
WITH WASTE
MANAGEMENT BODIES
& GREEN
ORGANISATIONS



FOUNDER'S
EXPERIENCE
& IDEAS