



Too good to waste

BiobiN™ – WASTE MANAGEMENT SYSTEM

BiobiN™ is a clean and simple solution to managing organic and wet waste that would otherwise end up in landfill.

The BiobiN™ - Waste Management System is a unique and innovative design which will safely remove hazardous and odorous elements from organic waste material, whilst recycling the waste into a safe, environmentally friendly and rich organic compost / fertiliser.

The compost / fertiliser produced by the BiobiN™ can be used by the community and industry in a variety of agricultural applications.

BiobiN™ is the most efficient and effective method for managing organic waste.



HOW DOES THE BiobiN™ WORK?

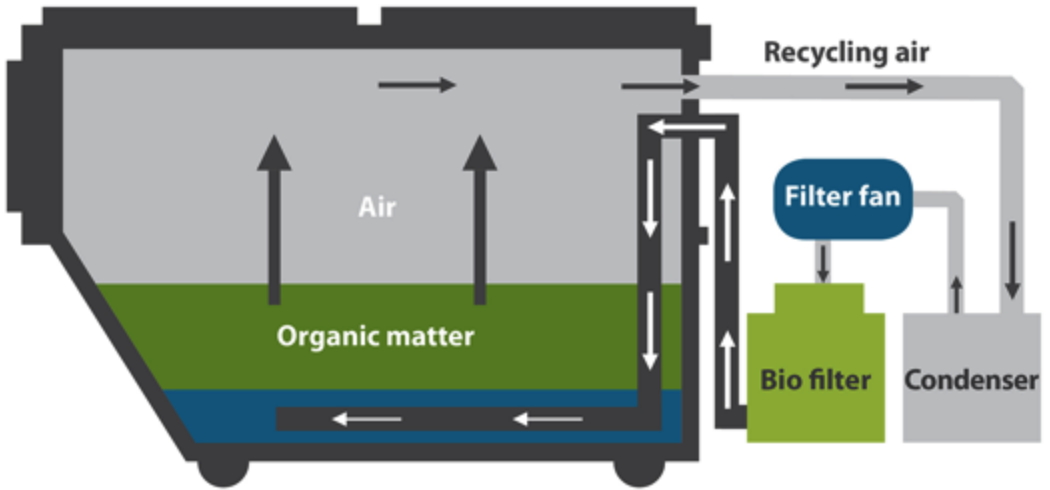


Illustration of system

The BiobiN™ uses forcefully inducted air to start the decomposing process of wet and organic waste.

The wet waste is thoroughly mixed with carbon (woodchips and/or sawdust) and by using the patented bio filter process, the waste starts turning into compost instantly.

The condenser removes excess moisture from the system and the bio filter removes the odours.

No chemicals are needed, nor any sort of microbes, that would have been necessary with other in-vessel composting systems, making it the easiest and most cost effective on-site wet waste management system.



The benefits include:

- The system provides a cost effective alternative to landfill disposal for organic wastes generated from a variety of facilities
- The system is a cost effective method for treating organic wastes on site
- Can be used to produce a product on-site or to stabilise wastes for off-site treatment/disposal
- Produces high quality compost
- Easy and safe to use

The design features include:

- The collection system satisfies all security requirements between farm and business properties
- Odours are removed or significantly reduced
- Fly and rodent contamination is eliminated
- Occupational Health & Safety issues are addressed for the handling of decomposed chickens
- Unwanted disease and bacteria eliminated



The commercial impacts include:

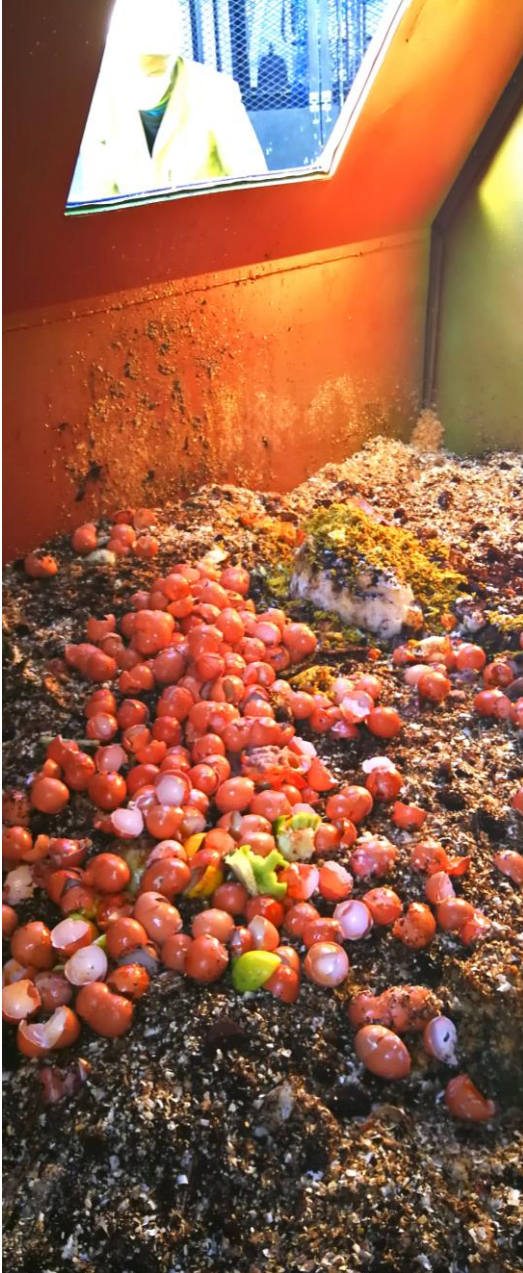
- Reduction in costs
- Reduction in landfill
- Ease of operation
- Improved work environment
- Compliance with OH & S
- Creation of new jobs
- On-site processing
- Opportunity for waste resale

The community & environment impacts include:

- Recycling
- Improvement of living standards
- Creation of jobs (economic impact)
- Compliance with health standards & expectations



WHAT CAN GO INTO A BiobiN™ ?



YES

- Food scraps and peels
- Cake, biscuits and bread
- Fruit and vegetables
- Coffee grounds and tea bags
- Meat scraps and oyster shells
- Eggs and egg shells
- Cheese and yoghurt
- Citrus
- Hair
- Flowers, herbs and plants
- Paper towel, shredded paper and tissues

NO

- Plastic bags and containers
- Cling wrap
- Dishcloths and sponges
- Sharp objects
- Polystyrene
- Glass
- Aluminium and metals
- Plastic plates and cutlery
- Drink bottles
- Kitty litter
- Personal hygiene products
- Baking paper



BiobiN™ AROUND THE WORLD



Australia



China



Dubai



Qatar



USA



Japan



India



Bangladesh



Mauritius



Pakistan



South Africa

Some of our customers and WIP

Vodacom

The MARC - Eris Properties

Melrose Arch

Bidvest Facilities

Management

Bidvest Catering

Toyota

Cell C

MTN

Rand Merchant Bank

BMW

Old Mutual

Averda/ Nissan

Chili Lane Shopping Centre





Contact details:

Brian Küsel
brian@biobin.co.za
+27 82 578 19 34



Julien Rambert
julien@biobin.co.za
+27 74 860 58 08