



Too good to waste

BiobiN® Technologies

Company Profile

The **BiobiN®** is an on-site in-vessel composting system, developed by Adelaide company Peats Soils, a leading recycler of Green Organics in South Australia.

The BiobiN development was in response to the growing need to recycle the large amounts of putrescible organic wastes (food waste, chicken carcasses) being diverted to landfill. The system provides a cost-effective and economically viable sustainable solution to landfill disposal for organic wastes generated from a variety of facilities.

BiobiN® Solution

BiobiN® is an in-vessel composting system that is used to collect putrescible organic waste from household, municipal, commercial and industrial waste streams.

The BiobiN solution provides a biosecure on-site solution for organic waste management and the BiobiN patented aeration system initiates the composting process, including reducing bacteria and pathogen build up and maximising volume collection of wastes in the BiobiN.

BiobiN contents are utilised in the supply chain of value-added products, such as soil conditioners, and can provide a vital supply to emerging technologies supply chains such as biofuels and other products.

The BiobiN reduces the amount of organic waste to landfill, which creates methane, a greenhouse gas that is 22 times more harmful than carbon dioxide.

The BiobiN also utilises carbon waste (paper, woodchips, cardboard and other carbonous materials), to assist in initiating the composting process.

The BiobiN is simple to manage and provides an environmental and socially responsible solution to waste management.



Core Business

- on-site organic waste solution
- waste management research and development
- partnership technology for logistics and waste management companies

BiobiN Applications

The BiobiN organic waste solution is used by:

- shopping centres
- fast food outlets
- food halls
- chicken producers
- food manufacturers
- wildlife parks
- satellite mining sites
- island resorts

There are 160 BiobiN® units in service in Australia and others in service in Japan and Thailand.

Since the introduction throughout Australia of the BiobiN® as an in-vessel collection and composting system for the chicken producer, Inghams Enterprises, it has gone on to be a major solution for bio-secure waste management.

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