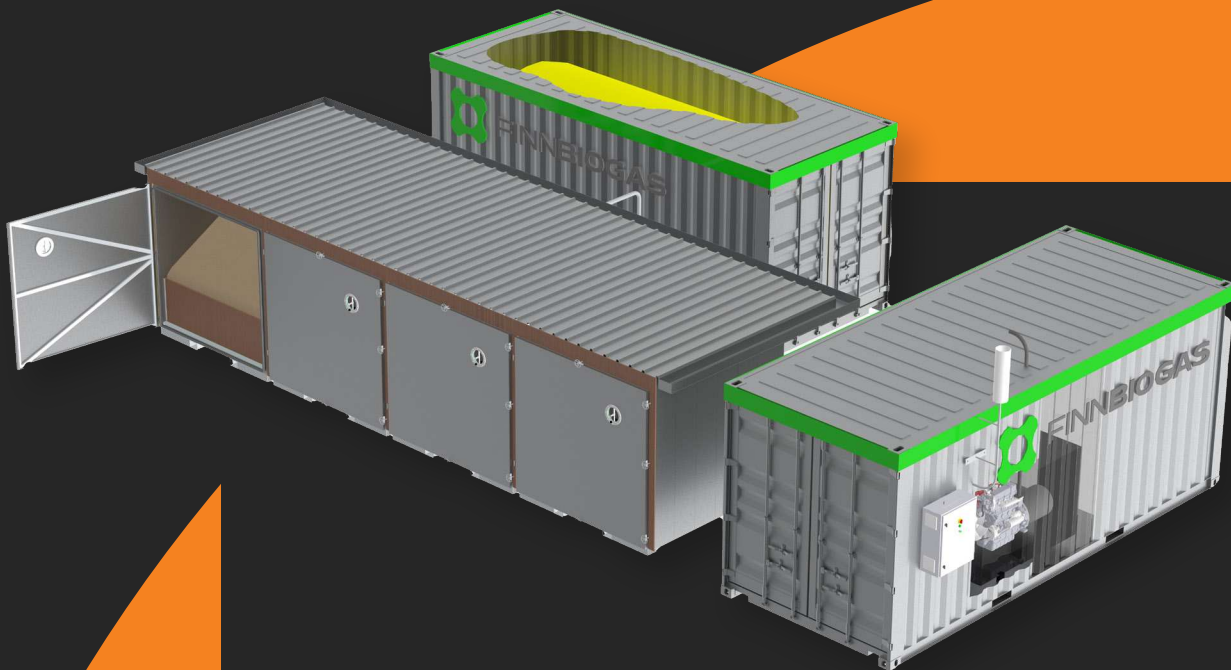


MMAD — 5 FIREFLY

IDEAL FOR

- Universities
- Shopping centres
- Military facilities
- Remote mine sites
- Zoo's
- Amusement parks
- Small farms
- Small food + beverage factories

The Firefly (MMAD_5) Digester System is a small-scale, modular, on-site waste management system that has been specifically designed to meet the needs of commercial waste producers.



MODULAR + EXPANDABLE

Modular and expandable based on your waste production requirements. This system can grow with your business. Simply add modules as you need!

Flexible modules can produce

- Biogas
- Biogas and compost
- Compost



MMAD — 5

FIREFLY

FEATURES

- Empowers businesses and their employees to divert organic waste from landfill
- Not only transforms organic waste into energy it produces a fertiliser substitute, which can be used in green spaces
- The CHP (combined heat + power) generator has the capacity to generate electricity + hot water.
- An integrated SCADA system control panel for automated operating and data collection

SUITABLE WASTE STREAMS

- Vegetable scraps
- Fruit scraps
- Bread
- Rice
- Grains
- Egg shells
- Paper / cardboard
- Cooked meat
- Newspaper
- Small cooked bones
- Paper napkins
- Coffee grounds
- Compostable bags
- Paper bags
- Hair and nail clippings

FLEXIBLE

- Capability for 2-8 modules.
- Configurable in multiple ways to meet needs of different sites.
- Easy to expand.
- Compost modules for digestate treatment optional,
pending confirmation of EOW requirements
- Customisable Colours - poa

ROBUST

- Compliant to all Australian Standards.
- Quality construction.
- Operation and maintenance manual included.
- Operation and maintenance service available

EFFICIENT

- Built offsite + delivered to you.
- Plug and play solution
- Turn -key installation
- Minimal civil works required for installation reducing interruption to your site
- Easy and cost effective to transport by road or sea.

DATA

Waste throughput	200-500t/year
Energy recovered	Electricity and Hot Water
Footprint	20m x 20m
Installation	Plug + Play / Modular + Expandable
Technology	Dry Anaerobic Digestion / Aerobic Composting