



## SOLUTIONS

- Overview
- Cigar® - Biogas Reactors
- Anaerobic Digestion
- Aerobic Treatment
- Odour Control
- **Waste Products**
- Cap™ Retrofit
- Research & Development
- Lab Services
- Design Services
- Construction Services
- Operational Services
- Future Developments

### *Organic Biowaste Resource Recovery*

Waste Solutions offers innovative "zero discharge" process technology that adds value to solid organic waste, food residuals and industrial waste. We have extensive experience and expertise in development and application of customised waste treatment processes including fermentation technology to add value to waste materials.



**High quality organic fertiliser**

Examples of processes for industrial scale recovery of valuable products from waste are:

- High nitrogen content certified organic fertiliser from fish processing residue
- High value fish oil from fish processing off cuts
- Potable water from processed food residuals
- Microbial metabolites (antibiotics) from liquid waste fermentation
- Environmentally friendly road salt (Calcium magnesium acetate)
- Slow release Nitrogen/Phosphorus fertiliser (Magnesium-ammonium-phosphate)
- Water recovery solutions