



Your partner in waste recovery and recycling projects

MECBIO Pty Ltd. is a full-service provider for the recovery of Organic waste, C&D waste, and plastics recycling. We design, build, and service state-of-the-art mechanical and biological waste recovery facilities to convert wastes into new streams of use for our clients. We also provide a wide range of world class sorting and processing lines as well as specialist recycling equipment.

CORE COMPETENCIES

Our developed, sustainable, and innovative technologies cover a complete range. We can design and build complete turn-key facilities including one or more of the following categories:

- Mechanical Pre-treatment and Post-treatment
- Recycling Equipment Supply and Maintenance
- Anaerobic digestion / Biogas Production
- In-vessel composting / Bio-drying
- Air treatment and Odour Control Systems

OUR TECHNOLOGIES

We partner with some of the world's leading suppliers for waste and recycling solutions to assist Australian entities to transition to the Circular Economy. We deliver high duty, robust machines for processing and treatment of wastes either as a facility or standalone items.

- Waste shredders and screens, rendering equipment, and autoclaves
- Pelletising lines
- Waste processors
- Food waste separators or depackaging machines

OUR ADVANTAGES

Technological expertise

Highly skilled technical and engineering workforce with extensive know-how and years of experience in waste recycling.

One-stop, customized solution

Plan, control, and manage entire project and operation cycles to prevent costly duplications and suboptimal technological solutions. We aim to deliver high reliability and maximize operational expenditures for our clients.

Guaranteed after sales support system

We are committed to a responsive collaboration to provide complete services from commencement to conclusion and ongoing support.

Our Clients

- Repurpose It
- Western Composting Technologies
- SACYR Environment Australia
- Soilco Pty Ltd.
- City of Newcastle

Our Partners



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Business Registration
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World-leading technology combined with local and global experience.

MECBIO
Helping Australia transition to the Circular Economy.

Post-Consumer Recycling

velox //



Maximum efficiency and durability

Optimum performance in recycling highly demanding and difficult to process materials.

duplo //



Copes with heavily printed materials

With cascade design optimised to remove very large amounts of gasses and volatiles.

Post-Industrial Recycling

optima //



For recycling post-industrial plastic waste

With a more compact design, OPTIMA produces maximum quality pellets which are fully reusable for injection, blowing, or extrusion processes.

PET Recycling



aqua //

For PET and PA recycling

A state-of-the-art technology for PET production with and without food grade and recycling of PA fibers. Minimizes the IV drop with a simple and reproducible recycling process.

Our Technologies

Smart Energy Management

High Energy Transfer

Total Process Control

WHY CHOOSE US

ALTERO Recycling Machinery provides comprehensive solutions for recycling of plastics, consisting of high-performance pelletising lines for post-consumer and post-industrial plastic waste and offers complete after-sales service. As the exclusive distributor of ALTERO in Australasia, **MECBIO** can supply, install, and maintain state-of-the-art machineries for optimum results.

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