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PMP is quality endorsed



PMP Bioenergy

Greenhouse Gas Reduction Specialists



LEADERS IN GREEN PROJECTS, BIOENERGY TO WASTEWATER TREATMENT

PMP Bioenergy has in-house expertise in process design and is able to deliver projects which optimise the waste generated against the energy needs of a site. Over the many years of PMP's operations, a number of key partnerships have been formed in the mechanical, electrical and civil construction fields. This allows PMP to deliver Biogas projects of high quality and workmanship.

Whilst PMP has significant experience in design and construct contracts, they are actively pursuing opportunities to deliver biogas harvesting and cogeneration projects via a multitude of commercial delivery models including:

- BOOT (Build Own Operate Transfer)
- Alliance
- Incentivised

In addition PMP can offer project financing.

PMP Bioenergy offer a range of services which include:

- Feasibility studies
- Advice on carbon credits (eg CDM admissions)
- Design including detailed design of the following systems
 - Biogas harvesting
 - H₂S scrubbers
 - Biological process
 - Chemical dosing
 - Geomembrane liners and covers
 - Parshall flumes
 - Wastewater treatment
- Fabrication facilities
- Construction
- Commissioning
- Operation and maintenance
- Project financing

The company has built up a comprehensive range of skills. Some of these skills are highly specialised and have been developed in-house.

SPECIALIST SKILLS

- Fabrication and installation of geomembrane liners and covers
- Geomembrane welding
- Intricate and exotic plastic fabrication

OTHER SKILLS

- Industrial plumbing
- Plastic pipeline construction
- Prescribed fabrication
- Established construction



PMP Bioenergy Pty Ltd

bioenergy

Specialised projects in the wastewater treatment industry include biogas harvesting design with further energy reuse.

This is complemented with specialist skills in:

- Intricate and exotic plastic fabrications
- Geomembrane welding



PMP Bioenergy Pty Ltd is part of the PMP Group of Companies and was formed as a specialist company that is involved in all facets of bioenergy projects.

The PMP Group of Companies operate Australia wide and in South East Asia.

The emphasis of PMP Bioenergy is to advance biogas harvesting and associated benefits from such harvesting. Biogas is generated from high strength organic waste.

Benefits from biogas harvesting include:

- Decreasing carbon emissions
- Generation of electricity and heat which can be reutilised

PMP Bioenergy has extensive experience in the design and construction of projects based on anaerobic processes which then allow for biogas harvesting. This biogas can be flared or utilised as a further resource and incorporated into normal operations.

PMP has worked across many industries some of which include:

- Municipal sewerage
- Piggeries
- Rendering plants
- Abattoirs
- Tapioca process plants
- Wineries
- Other food process industries