

THE AUSTRALIAN TECHNOLOGY SHOWCASE

Vital Resource Management (VRM) Pty Ltd



VRM Pty Ltd is looking for:

- Licensing agreements
- Joint venture partners

Inoculation products

Townsville based company Vital Resource Management (VRM) Pty Ltd has a unique microbial process which provides targeted nutrient uptake for specific elements in agriculture and waste management.

A smelly problem for one of Australia's large sugar producers was VRM's lucky break. VRM used its new microbial product to clean up a molasses spill in 1998 at a mill, which operators feared may have required closure for up to seven weeks. Less than five hours after VRM put its Inoculation product to work, the risk of extreme odour from the spill had been removed, and the mill remained open. The spill enabled VRM to prove the effectiveness of their patented microbial approach in controlling odour and removing sugar and other contaminants from waste water.

The products work by introducing 'friendly bugs' to target biological effects responsible for odour, fat build up and other septic matter found in wastes in a patented methodology. Similarly, microbes which target nutrient management and specific nutrient capture and uptake are fostered in soil.

The products are based on a managed microbial balance using Probiotic techniques and organisms which are known for their use in food and drinks.

VRM now supplies virtually all of Australia's sugar millers with its Inoculation systems and products, which are cheaper than chemical-based products, more environmentally friendly and do not contain nitrates or phosphates.

VRM has also applied its unique technology to include three product lines – Inoculation programs for waste water, Probiotic cleaning products and production of nutrient management products for agriculture.

The most significant advantages VRM's technology offer, are that it is:

- purely Australian based
- effective against chemical alternatives
- efficient
- a timely unique process with effective results
- environmentally friendly
- safe for use
- economical



Contact Details

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The Australian Technology Showcase (ATS) is designed to promote, leading-edge, Australian innovative technologies globally. The ATS also aims to increase exports and attract foreign and local venture capital.

The Federal and Queensland Governments have supported the ATS since its inception in April 1997. The national focus of the ATS demonstrates the Federal and State Governments' commitment to the promotion of Australian science, engineering and technology internationally, and also serves to increase awareness of Australia's capacity in leading-edge skills and technologies.

Visit the ATS website to:

- Read about Queensland and Australian innovation and ingenuity
- Buy something from a showcase member for use in your business
- Get a licence to manufacture or distribute one of the technologies in a new market
- Invest in a company or enter a joint venture
- Gain access to the know-how that gave rise to the technology.

A panel of independent experts in each state or territory rigorously assesses all applicant technologies to ensure they are clearly innovative and leading-edge. Membership to the Showcase is reliant upon the technology meeting certain criteria for eligibility. The technology must be:

Clearly innovative and represent a significant step forward in the technology itself or its utilisation.

Scientifically credible based on secure principles and understanding.

Of significant local content in terms of intellectual property or embodied skills.

Demonstrably marketable with an identified existing or potential market advantage and a substantial identified market.

Commercially attractive and likely to appeal to international investors and/or offering opportunities for joint venturing.

Socially and environmentally beneficial by meeting community needs or standards.

Useful and related web sites

www.qld.gov.au

www.gu.edu.au/faculty/qca

www.qmisolutions.com.au

www.ausindustry.gov.au

The ATS is proudly supported by:

