



HotRot Organic Solutions (NZ) Ltd - Company Profile





An Introduction to HotRot Organic Solutions (NZ) Ltd

A Brief History

The world is increasingly focused on sustainability and the minimisation of waste. Organic waste is especially problematic as when landfilled it emits methane, a major greenhouse gas, and leachate that contaminates groundwater. Organic waste is odorous, attracts vermin and may contain disease-causing agents. These issues are well known to waste managers and regulators, and cost effective solutions must be found.

The HotRot technology addresses all of these problems, taking organic waste and in an odour-free, time-effective and low-impact way generating soil replenishing compost at a competitive price.

The HotRot technology emerged from a New Zealand government-funded research programme undertaken by the Wool Research Organisation of New Zealand. The technology then underwent further development and was launched by HotRot Composting Systems Ltd of New Zealand to the local market in July 2001.

In April 2003, HotRot Composting Systems Ltd transferred its assets to a new company R5 Solutions (NZ) Ltd, which traded internationally as HotRot Exports Ltd. In April 2004 the HotRot Composting Systems Ltd name was resurrected with the formation of a UK-based subsidiary. This subsidiary was bought from the UK joint venture partner Milbank Industries Ltd in June 2008, making the company 100% New Zealand owned.

In April 2009 the decision was made to reintroduce the HotRot concept into the company name, with renaming of the New Zealand and UK companies as HotRot Organic Solutions (NZ) Ltd and HotRot Organic Solutions Ltd respectively.

Corporate Structure

The HotRot Organic Solutions shareholding is centred on three major entities:

- Mace Engineering Ltd
- A financial investor group
- Executive team

Mace Engineering and the financial investor group each own approximately 40% of the company with the balance of the shares being owned by the Executive staff.

Mace Engineering Ltd

The Mace Group of Companies is a diverse organisation ranging from precision engineering and manufacturing to distribution of pumps, manufacturing of composting and hydroelectric equipment, and development of a revolutionary Pivotal Engine.

(<http://www.mace-eng.co.nz/>)



At the heart of the Group is a passion for quality and commitment to innovation, which began, over fifty-five years ago, with founder Bill Mace.

In 1952 he established the core of the group, when he bought Toomey's Grinding & Gear Ltd, a company he had previously managed, and renamed it Mace Engineering Ltd.

A man of imagination and ability, he charted a course based on attention to detail and ingenuity - a course faithfully followed today.

Ted Mace now walks in his father's footsteps. He heads a privately-owned, dynamic, expanding, modern group of companies which embrace new technologies and attract talented, dedicated staff who continue to advance the standards of excellence in their individual fields.

Over the years, the Mace group has expanded to encompass the following range of complimentary disciplines:

- General engineering
- Defence, fabrication and cranes
- Tyre equipment and foundry
- Motor reconditioning and parts
- Brown Brothers Engineers: an independent company within the Mace Group who have been supplying New Zealand with pumps and pumping systems for over 90 years, and have more recently expanded into Australia

Significant investment in research and development, technology and ongoing staff training ensures Mace Engineering maintains its position as a market innovator. A good example of this is the Pivotal Engine, which is being developed, and their investment in the HotRot Composting Technology.

This is backed by ISO 9000 Series accreditation, CAA certification and commitment to the principles and practices of quality assurance, exemplified by rigorous internal and external audit procedures.

Financial Investor Group

The Financial Investor Group involves three individuals - Greg Hedges, Paul Alexander and Pita Alexander.

Paul and Pita are chartered accountants who operate a large specialised farm accountancy practice based in Christchurch, New Zealand.

Greg has significant overseas trade experience and is a business consultant to many businesses like HotRot Organic Solutions. The investor group also own and manage a significant commercial property portfolio in Christchurch.

The investor group are not passive investors - they are very much involved in company strategic decision making and planning, and are an integral part of the director and management team. The directors and shareholders feel the ownership and management 'mix' of scientific, marketing, management, engineering and financial strengths is a very important part of the company's past and present and will also be a major strength for the future.

Key Executive Profiles

The executive team brings together business and science expertise and includes the original developer of the HotRot technology.

George Pottinger

General Manager (Director)

- B Agricultural Commerce – Valuation and Farm Management
- Registered farm management consultant
- Registered Valuer
- Extensive experience in executive roles in both the agricultural and banking sectors
 - Six years in senior positions with the National Bank of New Zealand culminating in the position of Southern Regional Manager Rural leading a sales force of 88 staff
 - Two years held as General Manager, Wrightson PAS – Uruguay, a business focussed on the production, harvesting, processing and sale of proprietary lines of forage seeds for the Uruguayan, Argentinean and Brazilian markets
- Since 2003 in current role commercialising the HotRot Composting Technology globally



Dr Peter Robinson

Marketing Manager

- PhD, Lincoln University, New Zealand
- NZIM Silver Certificate in Management studies
- Director of Eco-link a joint venture organisation involving AgResearch, WRONZ, Landcare Research, Lincoln University and Crop and Food Research; Director of CENTOX an unincorporated joint venture involving LinLab, Lincoln University and Landcare Research
- Five years experience as Division Manager for WRONZ and its subsidiaries, including General Manager of LinLab consulting; fifteen years experience as a scientist and consultant including:
 - Environmental consulting services to WRONZ global clients in the UK, Europe and Asia
 - Member of Ecotoxicology working group for the Hazardous Substances and New Organisms Act
 - Scientist specialising in environmental technology including solid waste and wastewater treatment
- Principal scientist involved in development of HotRot and subsequent commercialisation
- Since 2003 in current role commercialising the HotRot Composting Technology globally





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