

# ORGANIC RECYCLING

## RESEARCHER/INDUSTRY R&D FORUM

**3 OCTOBER 2006 >> 9AM - 4.30PM**

**venue**

The 'Terrace Conference Centre'  
Level 3, St. John House  
114 The Terrace, Wellington  
[www.terraceconference.co.nz](http://www.terraceconference.co.nz)

**date**

3 October 2006 9am – 4:30pm  
(all catering provided)

**participation**

All interested members of New Zealand's environmental science research community and relevant industry are invited to participate.

**cost**

There is NO cost for attendance

**RSVP**

Please FAX BACK the form below or email Lyn on [lyn@wasteminz.org.nz](mailto:lyn@wasteminz.org.nz) by 22 September



The theme for this inaugural Organic Recycling Researcher/Industry R&D forum is, **“recycling organic materials into sustainable Agricultural and Horticultural production”**.

The day provides an opportunity for researchers to engage with industry to:

- Discuss current NZ research
- Learn from collective experience
- Develop collaborative associations
- Identify knowledge gaps and strategic priorities
- Initiate an R&D plan for the sector

**time programme**

9am	welcome and introductions
9.30am	update on Australian R&D
10am	introduction to NZ R&D
10.30am	morning tea
10.45am	workshop : researchers/industry
12.30pm	lunch
1pm	facilitated discussion
3pm	afternoon tea
3.15pm	strategy - where to from here?
4.30pm	end

**REGISTRATION - PLEASE COMPLETE AND FAX TO 09 486 3722**

Name

Organisation

Address

Phone  Email

## CompostNZ and the NZSOIL<sup>3</sup> Project

- ◆ CompostNZ was formed in 2005 to represent all aspects of the Organic Recycling Industry. Composting, anaerobic digestion, vermiculture and other organic recycling technologies and strategies are all included under this umbrella term.
- ◆ The focus of CompostNZ is to mould New Zealand policy, collection, processing, R&D, market utilisation, regional and national coordination, training and education into a strategy for the progressive development of the New Zealand Organic Recycling industry.
- ◆ The New Zealand Waste Strategy (NZWS 2002) targets, by 2010, > 95% diversion of organic waste from landfill to beneficial use.
- ◆ In 2005, Standards New Zealand, in association with the MFE and relevant industry groups, developed NZS4454: 2005, the new standard for "Composts, Soil conditioners and Mulches".
- ◆ NZS4454 will provide quality assurance to end-users and hence lead to a financially sustainable market expansion, which will underwrite increased diversion of organic waste from landfill.
- ◆ NZS4454 will guide improvements in quality management at an operational level and is integrated into NZQA industry training.
- ◆ In 2006 CompostNZ launched an SMF funded, industry development project, entitled NZSOIL<sup>3</sup>, which consists of 5 key elements:
  - ◆ An inaugural NZ Researcher / Industry R&D forum.
  - ◆ The NZS4454 Compost Standards verification process.
  - ◆ The creation of an 'NZS4454 - adoption and achievement tool-kit', followed by a series of regional workshops.
  - ◆ The creation of a 'market development / end-user' information resource, followed by a series of regional workshops.
  - ◆ Facilitating a resource consent forum between Regional Councils and industry.

### Angus Campbell

Manager of the Recycled Organic Unit (ROU), UNSW, Sydney, Australia.

The ROU is a partnership between 'Resource NSW' and the University of New South Wales to develop the NSW centre for organic resource management, information, research & development, demonstration and training. Angus's experience covers:

- ◆ ROU tools and resources (freely available for use via www).
- ◆ Compost industry quality assurance programs and quality management systems
- ◆ Performance based standards for specific intensive agriculture applications. What has worked in Australia, and major inefficiencies/ failures.
- ◆ Industry-research-Govt-market partnerships: the way forward for grower value, agricultural demand creation, and the achievement of government objectives.
- ◆ Compost industry training standards and training programs. During his previous visit to NZ in 2005 Angus made a significant contribution to the development of NZ unit standards for NZQA industry training.

### Richard Stewart

CEO Flinders Bioremediation Pty Ltd Adelaide, South Australia.

Richard holds a PhD in molecular science from the University of Adelaide and commercialisation qualifications from the University of Texas. In 2005, Richard sat on the Prime Minister's Science Engineering and Innovation Council's (PMSEIC) Working Group for Bio-Discovery and currently sits on the executive committee of Compost SA and the technical sub-committee of the Australian Contaminated Land Consultants Association (ACLCA). He Chairs the Organising Committee for the 2006 Australian Recycled Organics Industry R&D Forum. Flinders Bioremediation Pty Ltd is a specialist waste consulting and remediation company. Services include technology assessments, waste audits, waste analysis, contaminated waste treatment, design & implementation of waste treatment processes, and lab- and pilot-scale feasibility testing. The company operates a remediation facility south of Adelaide, where commercial scale waste treatment services are carried out.

## PROGRAMME

9am	<p><b>welcome and introductions</b></p> <ul style="list-style-type: none"> <li>◆ Brian Gallagher, chairperson CompostNZ</li> <li>◆ Ian Mason, University of Canterbury, will discuss the differing perspectives on the question: <b>What is Research?</b></li> <li>◆ Elizabeth Feary, business manager with the Foundation for Research Science and Technology, will provide an <b>outline of the existing avenues and priorities for New Zealand research funding</b>.</li> </ul>
9.30am	<p><b>update on Australian R&amp;D</b></p> <ul style="list-style-type: none"> <li>◆ Angus Campbell, Recycled Organic Unit at the University of New South Wales: <b>Australian Recycled Organics industry development and outcomes from establishing an annual 'Compost Australia' R&amp;D forum</b></li> <li>◆ Richard Stewart, Flinders Bioremediation: <b>Update from the recent 2006 'Compost Australia' R&amp;D forum</b></li> </ul>
10am	<p><b>introduction to New Zealand R&amp;D</b></p> <ul style="list-style-type: none"> <li>◆ Ian Mason, UoC, will provide an overview of <b>New Zealand's research in the sphere of organic recycling</b></li> <li>◆ Jonathan Hannon, ZeroWaste Academy at Massey University, will outline <b>progress on developing collective industry funding of current NZ research related projects.</b></li> </ul>
10.30am	morning tea
10.45am	<p><b>workshop</b></p> <p>Researchers and Industry perspectives will be separately facilitated to address specific questions, for example:</p> <ul style="list-style-type: none"> <li>◆ Researchers: Identify NZ's research capability, key centres and gaps in expertise. Identify key opportunities and issues facing the research community.</li> <li>◆ Industry: What are the barriers to economically sustainable industry growth? What is the industry's role and capability in respect of R&amp;D?</li> </ul>
12.30pm	lunch
1pm	<p><b>facilitated discussion</b></p> <p>Research and Industry perspectives will report back and collectively feedback on the respective findings. Discussion will be directed toward the questions: 'How does collaborative R&amp;D work?' and 'What does a sector R&amp;D plan look like?'</p>
3pm	afternoon tea
3.15pm	<p><b>strategy - where to from here?</b></p> <p>Discussion will be directed toward the development of 'prioritised next-steps' and the allocation of associated responsibilities for further action and reporting.</p>
4.30pm	<p><b>final question</b></p> <p>can we establish a date and host organisation for the CompostNZ R&amp;D forum 2007?</p>
end	for those able to stay on there will be an opportunity for a few drinks and a chat.