

**HotRot Grows in Canada:**

The high design and performance levels of the HotRot composting technology, in odour abatement for sensitive sites, efficient use of space, product maturity and pathogen kill levels is now being recognised in Canada. As a nation, Canada has a long organic waste composting history and consequently some of the most advanced and stringent compost odour and maturity regulations in the world.

HotRot Exports Ltd has had a strategic alliance with Hatch ([www.hatch.ca](http://www.hatch.ca)) a major Canadian engineering and construction company for a number of years to develop the Canadian and Nth American market for the HotRot in vessel composting technology.

Hatch and HotRot Exports Ltd have recently joined in a consortium with Envirem, a member of the Atcon Group (<http://www.atcongroup.com/>) to bid for the construction and operation of a number of large composting plants incorporating the HotRot composting technology in Canada.

General Manager, George Pottinger says both HotRot Exports and Hatch see many synergies in the consortium, with Envirem being the largest compost marketer in Canada, as well as having significant operating and sales experience in the environmental remediation area. This will allow a total vertically integrated approach to the growing organic waste diversion industry.

**STOP PRESS**

**["HotRot into Australia National University"](#)**

**"The HotRot 1512 composter is to be installed at the Australia National University (ANU) in Canberra, to compost campus food waste and greenwaste.**

**ANU is at the forefront of the drive to achieve environmental sustainability amongst universities in the Pacific, and this is a tangible step towards this target.**

**The 1512, capable of composting over 2 tonnes per day will be sited on campus, and the compost produced will be utilised within the ANU grounds."**

**Latest HotRot Composting Unit Due in UK early March 2007**

The new 1200 series model, HotRot composting unit has been shipped and is due for delivery in early March. The "1206" is ABPR-ready and designed to treat between 400 and 700kg of material each day, 24/7, 365 days a year (capacity for up to 250 tonnes a year).

The unit is ideally suited to locations where organic waste is produced for treatment on site, such as prisons, hospitals, food processing sites, large hotel and leisure pursuit complexes. We expect the newly fabricated unit to be available for onsite trials or for purchase from the beginning of March onward. HotRot will deliver, plug in and support the unit for between 1 and 3 month trials for prospective clients. This represents the opportunity to "try before you buy" for both prospective 1206 purchasers and those interested in the scaled up versions of our machines: 1509 (1500kg per day), 1811 (2,200 – 2,600kg per day) and the 3518 (10-12 tonnes per day).

UK's HotRot Managing Director, James Lloyd, believes this to be one of the fastest growing markets in the UK & Eire composting industry and a niche area in terms of composting these sorts of tonnages. "The unit is capable of dealing with a greater daily amount of material than similar comparable systems without being so large as to leave clients with under-utilised capacity in the system. Between 400 and 700kgs each day is the ideal throughput for large golf-course/ hotel complexes and for around 80% of the UK prisons and hospitals. These clients represent some of the highest per unit disposal costs for non-specialised waste streams."

For further information please visit the UK website at [www.hotrot.co.uk](http://www.hotrot.co.uk) or contact James on [info@hotrot.co.uk](mailto:info@hotrot.co.uk)

COMPOSTING SYSTEMS

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Vic Savage, HRE's Production Engineer, standing beside the 1206 after it was loaded into the container.



## Temperature Monitoring Developments

Monitoring temperature within an agitated vessel is always problematic – especially when the vessel contents consist of mixed wastes. The original HotRot design used stainless steel sheathed temperature probes in insulated holders. The tips of the probes were in contact with and protruded into the composting mass. This design was moderately successful, but the probe was vulnerable to damage, especially with waste containing abrasive components such as glass.

The new assembly is welded to the outside face of the inner hull. Extensive testing has shown that temperature measurement is improved over the old design. We believe this is because it is incorporated within the insulation and thus heat stability is improved. The probe itself is held in a threaded holder and can be easily replaced. This is unlikely to be necessary in service as the PT100 sensor has excellent longevity, and in this fitting is not exposed, to wear or corrosive atmosphere.

Contact Lawrence Boul on [boul@hotrotsystems.com](mailto:boul@hotrotsystems.com) for more information.

## US Composting Council 15<sup>th</sup> Annual Conference and Tradeshow

Gerald Tibbo, General Manager, Composting of Hatch, our Canadian and Eastern-US sales and distribution partner, along with HotRot Exports GM, George Pottinger, recently exhibited at the USCC Conference in Orlando, Florida.

It was evident at this industry gathering, that in the US, as elsewhere in the world, the pressure continues to build on companies, institutions and municipalities to sustainably divert and reuse their organic waste.

On this basis, the interest in HotRot composting technology, with no odour and a small foot print unit, which produces a highly mixed and mature product, continues to grow, especially amongst the US Universities, which are leading the way. HotRot can guarantee them an on-site plant, which meets all of these criteria, as well as being a useful educational aid for the University Environmental Departments.

For further details email: [Gerald.Tibbo@hotrotsystems.com](mailto:Gerald.Tibbo@hotrotsystems.com) for Canada and Eastern US, or [Craig.Whan@hotrotsystems.com](mailto:Craig.Whan@hotrotsystems.com) for California.

### A Valentine's Poem ...

Roses are Red, Violets are Blue  
Extra bright colours when grown in poo.  
Some poo is good, some is not;  
That is why it needs a **HOTROT**.  
Give it a spin, give it a twirl;  
Out comes the compost ready to hurl,  
Onto the gardens ready to lay  
Seeds to grow flowers  
For next Valentine's Day.

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In the unlikely event that your interest in sustainable waste management and composting has waned, please let us know and we will be happy to withhold further issues of **HotOff-The-Press** until your enthusiasm is rekindled.

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