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HotRot Global Review 2008

2008 will go down in history as the most tumultuous the world has ever seen in terms of global financial crises. Most nations, industries or individuals have felt some of the repercussions. However some good has also come of this crisis, the most obvious in my view being the increased levels of international communication and cooperation in attempting to minimise the fallout to some of the key sectors. Let us hope that once the world's financial markets are back on a positive path, this increased level of communication and cooperation remains.

Here at HotRot, the impact has been minimal, as planning and purchasing decisions for high quality sustainable organic waste solutions tend to have a long-term focus and thus override shorter term issues. The year has been busy with the installation at an Indonesian LPG site, trials in the UK on various forms of municipal organics, and an extremely successful install at a UK Zoo. (See Twycross Zoo link later in newsletter). In addition the disposable nappy (diaper) plant is about to be finalised in New Zealand, Australia National University is proposing to expand their existing HotRot facility, the 1811 in Halifax Nova Scotia proved itself in extremely cold (-20° C) temperatures, and the US university market is coming alive.

It is in the UK, where the pressure of the landfill diversion legislation coupled with the associated landfill tax, that most of the action has occurred. Over the coming months we will be announcing a number of large new biowaste treatment projects in the UK. In order to take advantage of these opportunities, as from 30 June 2008, the New Zealand shareholders of the HotRot technology globally have increased their commitment to the UK market by taking a 100% shareholding in our UK company, HotRot Composting Systems Ltd.

In response to these developments, we are also in the process of expanding and consolidating our staff, administration and accounting into a new head office location for the UK, near Cambridge. Our hard-working UK team are profiled in this edition of HotOff–the-Press, and you can be assured you will be hearing much more about them over the next 12 months.

So it has been another solid year of global progress for HotRot. However, with the pressures of climate change in general and sustainable reuse of organic waste in particular, there remains much more to be done, and we look forward to the challenge.

I would like to take this opportunity to thank our clients, staff, shareholders, distributors, agents and supply partners around the globe for your respective contributions to the HotRot success. We wish you all and our readers and your families a safe, relaxing and enjoyable festive season, and a fruitful New Year for 2009.

George Pottinger
General Manager



HotRot on the BBC

'**Twycross Zoo recycles poo!**' was one of the headlines recently when the HotRot 1811 at this UK zoo featured in several high profile media stories including TV (BBC and ITV) radio and newspapers. The zoo plans to use the compost on its flower beds and to help grow crops which would be fed to its animals. Buying the HotRot machine means that Twycross will no longer have to send their waste to landfill. Keepers say the attraction's elephants are the biggest contributors to the process.

Zoo conservation officer Claire Pipe: 'We buy the food, feed it to the animals and it comes out at the other end. We collect it up, compost it, and grow stuff for the animals which then goes back into their mouths. It's a way of keeping our waste on site.'

<http://news.bbc.co.uk/1/hi/england/7774088.stm>

(Note: This link may not remain current – we hope to have the video available on our website soon)

Introducing our suppliers – Prolec

A critical component of every HotRot unit is the PLC, the programmable electronic control system which coordinates the functioning of the unit and its ancillaries.

As the PLC is the 'brain' of the HotRot unit, our choice of supplier has been vital to the success of our product in the marketplace.

For a number of years this part of the HotRot package has been supplied by Prolec (Professional Electrics Ltd).

Prolec was formed in 1992 by the amalgamation of several well established electrical companies operating in the Christchurch area. The combined experience of these companies brought together expertise in a wide range of disciplines, giving Prolec a solid base on which to grow.

This enables the company to offer a 'one stop shop' solution to clients seeking industrial plant automation and control systems. Services include project management, system design, site installation, and after sales monitoring and support.

Prolec serve a client base throughout New Zealand and beyond across numerous industry sectors, from steel, food and fertiliser manufacturing through to newspaper production and ropeless mooring systems for ships.

Several larger clients have a fulltime Prolec electrician on site, while others running time critical processes have the benefit of 24 hour maintenance support.

A feature of Prolec systems that is particularly valuable from the HotRot perspective is the capability for remote access via the internet.

'We continue to use Prolec because we have formed an excellent relationship with them over the years,' says technical manager Dr Lawrence Boul. 'They are great communicators and are proactive partners with constructive advice to offer at every stage of the process. This definitely adds extra value for money for our clients.'

Visit the Prolec website at: <http://www.prolec.co.nz>



Right: Prolec company co-owner and project manager Peter Jar – providing the 'brain' for HotRot units

HotRot UK – at the heart of the action



Above: Jacqui Merryweather (Office Manager), James Lloyd (Managing Director), Iain Steel (Technical Sales), James Spreull (Chief Engineer)

Wait for the next issue for introductions to Iain Steel and Jacqui Merryweather

Our UK office comes under the direction of James Lloyd. After completing his MSc 9 years ago, James spent time in waste management consultancy and local government waste contract management. James says he was attracted to HotRot by the opportunity to bring a new technology into a developing market sector. After 3 years with HotRot he continues to enjoy the moral and ethical rewards and challenges offered by one of the fastest growing environmental industries.

Chief engineer James Spreull comes from a civil engineering background with 20 years in the premixed concrete industry. Since joining HotRot he has worked on a broad range of composting projects treating a variety of waste materials. James is responsible for all HotRot operations including site trials, installations, staff training and installation and process design throughout the UK.

'As a person with a passion for a challenge and problem solving I have found the waste industry offers me plenty of scope,' he says.

Go to our website to see where the HotRot team will be next ... <http://www.hotrotsystems.com>

Until next time Keep the earth turning with HotRot!

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