

Zero Waste Update

Please pass on

Mission Statement: "To encourage and motivate all sectors of New Zealand society to work towards a target of zero waste."

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**EnviroPaints Ltd
Don't Waste it – Recreate it!**

In July 2000, EnviroPaints Ltd was set up to collect, process and sell recreated paint, and to date their success has been phenomenal. So far up to 100 tonnes of paint has been diverted from polluting Auckland landfills, twenty-one new jobs have been created, and waste paint has been turned into a valuable resource. When Auckland City Council contracted Civic Contractors to be their graffiti removal agents, EnviroPaints Ltd offered to supply Civic Contractors with their paint needs. EnviroPaints Ltd had personnel with over 30 years experience in Graffiti removal and paint manufacturing procedures, but their main point of difference, was that their company was dedicated to a new paint recycling process.

EnviroPaints now collects paint from throughout the Auckland Region through the Haz Mobile (a mobile hazardous waste collection), transfer stations and paint shops. This paint is then processed, recreated and coloured to strict laboratory standards. The final product - a new, recreated, quality product - is passed on to Civic Contractors, to paint over graffiti on Council amenities (bus shelters, public toilets, fences etc). To date, eight Civic Contractor vans have painted over 20,000 properties with EnviroPaints. This service alone has created 12 new jobs. A further two positions have been created at the paint sorting station.

A mobile 'zero waste' recovery truck has also recently been acquired. This truck is circulating throughout the rest of New Zealand, collecting waste paint, pigments and solvents and delivering them back to EnviroPaints Ltd, creating the potential for further significant waste paint diversion. To add the cherry on the top, not only is the paint recycled but so are both the empty plastic and metal paint pails.

If you would like further information on EnviroPaints Ltd, please contact: 0800 50 ENVIRO or info@enviropaints.co.nz



National Strategy Submissions

A summary of the submissions received on the Ministry for the Environment and LGNZ's National Waste Minimisation discussion document, is now available on the Ministry's website at <http://www.mfe.govt.nz/new/index.htm>

Of particular interest to the Zero Waste Network is that 144 of the 252 submissions received (57%) indicated support for a zero waste vision.

Zero Waste Website

www.zerowaste.co.nz

* **Community Group Resources** - a selection of contacts that offer advice, support and resources for community groups.

*A variety of **reports** are now posted on the website under "Resources Links"/ "Reports", including reports on "Recycling and Global Warming", "Environmental Producer Responsibility", "Zero Waste and Employment" & "Resource Recovery".

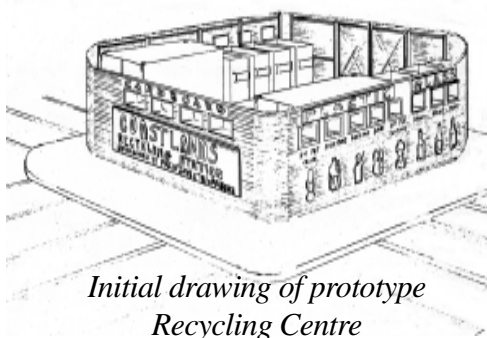
* Don't forget to check out the "**Buy it Back Guide**", the national database of products made from recycled materials.

New Zero Waste Council: Kapiti Coast

On the 3rd May, Kapiti Coast District Council officially adopted a goal of Zero Waste to landfill by 2015, the third Council in the Wellington Region to do so (after Masterton DC and Porirua CC).

Kapiti Coast is the 29th Council to adopt a Zero Waste goal, with 39% of New Zealand Councils now having Zero Waste targets in place - representing 36% of the population.

Kapiti Coast is in the process of developing a full zero waste strategy, but aims in the short term to upgrade all of its "drop off" centres. To do this, they have developed a prototype recycling centre, the of which will be offered to Councils nationally. The Recycling Centre is designed as a collection site for a range of materials, with recycling bins inside a walled off area, and drop off holes and signage on the outside. Collection vehicles will be able to drive directly into the facility to empty bins.



Initial drawing of prototype Recycling Centre

Kapiti Coast District Council also aims to build a Resource Recovery Park in 2003 and to increase the charging differential for greenwaste and mixed waste to promote their large scale greenwaste composting operation. Further community education and waste minimisation promotion is also planned. For further information, please contact Geoff Strand, 04 298 5139 or geoff.strand@kcdc.govt.nz

Cell Phone Recycling

A national cell phone recycling scheme is to be introduced to New Zealand by November 2001.

The scheme will be based on a programme introduced in Australia in 1999, and will be managed by the Information Technology Association of New Zealand (ITANZ), which includes companies such as Vodafone, Hewlett Packard, Vector and Telecom. The programme is industry led and funded, with a levy collected from mobile phone manufacturers, carriers and networks. This levy will be held by ITANZ and will fund marketing and collection systems, as well as recycling and toxic waste handling. The phones will be collected at the point of sale and taken to a central recycling plant. Here they will be sorted, with some phones being refurbished for re-use overseas, and other phones dismantled for recycling. The cell phone's cadmium batteries will be shipped to France to a toxic waste incineration plant. Jim O'Neill, the Executive Director of ITANZ hopes that eventually this programme will be seen as a "model for other schemes as part of the IT industry", such as a computer take back scheme.

NEW! Public Recycling Bins

If you have ever struggled to find an attractive way to provide recycling bins at a public event, in a public place or in an office, Waste Works Ltd have come up with the solution. Waste Works has developed a new recycling bin lid, designed to sit over a standard 240 litre wheelie bin or a 44 gallon drum. The lid is designed for indoor and outdoor use and is made from 100% recycled (HDPE) plastic.

The lids can either be used individually, or slotted together side by side, using a coupling system, to provide separate recycling bins for several materials. The bins can also be provided with one of five standard recycling graphics for paper, glass, cans, plastic, and garbage and with an optional advertising graphic to promote your business or event.

The bins will be officially available from the end of June. For further information, or to place an order, please contact Waste Works Limited on 09 489 1889, 021 701 727 or russlouden@clear.net.nz



Concept drawing

Looking for work!

Linda Wright is currently completing an Engineering PhD in Sustainable Municipal Solid Waste Management at Cardiff University, and is interested in finding a position in New Zealand. She has previous experience in waste management and waste minimisation in both local authorities and private sector companies. Linda offers boundless energy, enthusiasm, experience and qualifications to all potential employees in New Zealand and looks forward to further correspondence at Wrightlm7@hotmail.com

Exciting Developments at Materials Processing Ltd

Materials Processing Ltd, the Hamilton based solid waste recovery experts have continued to break into new areas around the Bay of Plenty and Waikato regions.

The Cambridge Resource Recovery Centre, opened in February with support from a grant from Zero Waste New Zealand Trust, is a purpose built facility for public recycling and for the recovery and processing of recyclables such as plastics, paper, cardboard, glass etc.



Cambridge "Picking Station"

A new "Picking Station" especially developed for this centre has dramatically increased the speed and quality in which plastics are sorted. Baling is completed under cover with the baled product either loaded directly into waiting export containers, or stored for future sales.

Huge volumes of recyclables are collected from 'recycling conscious' businesses and industries around the area, with their focus being reduction of waste to landfill. One success story that Materials Processing is involved with is The Warehouse in Hillcrest, Hamilton. This store has accomplished zero waste with all recyclables now being collected and all skips removed. MPL have assisted them in this, by implemented a '100% Reverse Logistic' program. Staff at the store have taken on the sorting and MPL collect and process these products,

along with one small bag of waste (floor sweepings and public car park waste bins). Hillcrest also has have a staff operated worm farm program dealing with organic waste. This branch is leading the way for other stores in the region, giving support and advice when required.

In March 2001 MPL were named as the successful tender for the Rotorua District Council's contract for the 'Management and Operation of Resource Recovery Facilities'. This is a four-year contract that entails operating recovery centres situated at the Councils landfill and at a new purpose designed 'In-Town' public drop-off recycling centre. This contract also involves the supply of recycling receptacles and servicing, to four remote transfer stations in the rural districts. Volumes for the 1st two months have well exceeded budget and indications are that this will increase in the future. So far volumes of waste to landfill have been reduced by approximately 30%.

Materials Processing Ltd continues to operate mobile facilities for concrete crushing as well as their existing solid waste program at Norske Skog and associated industries in Kawerau.

For further information contact Megan Swan at Materials Processing Ltd on 07 823 0086 or mpl@xtra.co.nz



Sorting Facility at Rotorua Landfill

Outward Bound Recycles

At a recent field day at Anikiwa in Marlborough, Outward Bound showcased a number of its new waste reduction initiatives, including:

- An extended aeration sewage treatment, which treats all black and grey water on site.
- Three large worm farms with over 35 kg of worms processing all food scraps from the cafeteria, with maintenance overseen by WORMS Ltd in Nelson.



Two worm farms on display at the Field Day

- A composting toilet system used by students during their 72 hour solitary time. This composting system won a merit award in the 2001 Marlborough Rural Environment Awards.

- A regular collection of dry recyclables.

These initiatives are helping to protect local waterways and bush while demonstrating responsible environmental care to the 1300 students who pass through Outward Bound courses every year. A Zero Waste New Zealand Trust grant has assisted Outward Bound to implement these initiatives.

For further information, contact Vic Koller at Outward Bound, on 03 574 2016 or anakiwa@outwardbound.co.nz

Resources

Three reports from the Western Sydney Waste Board:

From Waste to Wealth - Business opportunities for a resourceful Western Sydney

This report identifies seven key infrastructure programs that will significantly reduce waste to landfill in Western Sydney.

Drive Thru Recycling Centres

This proposal recommends that a national network of Drive-Thru Recycling Centres be built in Australia. These would be nationally branded, clean, attractive and consumer friendly facilities.

Case Studies on Product Take Back Schemes

The Western Sydney Waste Board commissioned the National Centre for Design at RMIT to conduct a series of desktop surveys on take-back schemes operating around the world. These surveys were based upon the categories of materials most likely to be received at a typical Drive-Thru Recycling Centre.

Download these reports from the Zero Waste website under Resources & Links/Reports/Resource Recovery.

Or go to the Western Sydney Waste Board Website at

www.wswaste.nsw.gov.au/

Adding Value, Models for Resource Recovery in the South East Region

This report explores the cost of recycling and composting compared to the base cost of all waste to landfill in Queanbeyan and Young, Australia. Download this report from the Zero Waste website under Resources & Links/Reports/Resource Recovery.

International News

Recycling in Ohio

A report released by the Ohio Department of Natural Resources (ODNR), quantifies how Ohio's economy benefits from recycling and reuse activities. The report finds that Ohio has a US\$22.5 million recycling industry, comprised of 3,177 businesses employing 98,302 people, with a payroll of US\$3.6 billion and annual sales of US\$22.5 billion.

Further to this, the report states that in Ohio the recycling industry supports 4.3 percent of the jobs, with the average wage paid by Ohio's recycling industry US\$8,000 higher than the average wage in Ohio.

For a copy of the full report, go to www.dnr.state.oh.us/odnr/recycling

European Electronic Recycling

The European Parliament has voted to toughen up a draft law to make electrical and electronic equipment makers pay for the recycling of their discarded products.

The parliament said 70 percent of consumer electronic items must be recycled - up from a proposed 50 percent.

The draft law will now be debated by national governments, which share legislative power with the EU assembly on the issue.

For full story see <http://www.planetark.org/dailynewsstory.cfm?newsid=10837>

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Glaspalt in London

Glass collected in a new kerbside collection in London, is to be ground and mixed with limestone and bitumen to create glaspalt, which is used as a base in road construction. This scheme will save energy by reducing mining activity for aggregates and save landfill space. It is especially cost-effective as no colour separation is involved. *Warmer Bulletin 78, May 2001*

UK Lamp Recycling Initiative

A new national lamp recycling initiative has been launched in the UK. Developed through a partnership between the lighting industry and the Environmental Services Association (ESA) and its members, the scheme aims to improve standards and boost recovery of end-of-life gas discharge lamps across the UK. *Warmer Bulletin 78, May 2001*

End of Life Vehicles

A new directive on end of life vehicles (ELVs) has recently become law in Europe. This directive stipulates that by 2006, reuse and recovery must reach 85 percent by vehicle weight, rising to 95 percent by 2015.

From www.planetark.org/dailynewsstory.cfm?newsid=10031&newsdate=09-Mar-2001

Electronic Update and Newspaper clippings

If you are currently receiving a hard copy of the Zero Waste Update and would prefer to receive an electronic copy (pdf), please email

sunshine@zerowaste.co.nz

We can also send the news paper clippings electronically if you would prefer to receive them that way.