



## GLASS MATTERS UPDATE NUMBER 15 – May 2008

### UPDATE

The Select Committee's report on the Waste Minimisation Bill was published on 9 April with a detailed report available from the Ministry for the Environment. This Bill was originally introduced as a Members Bill by Green MP Nandor Tanczos and had its 1<sup>st</sup> reading in Parliament in June 2006.



### ***Nandor Tanczos, Green MP***

The second reading in Parliament will be no earlier than 21<sup>st</sup> May 2008. Given cross party support for the legislation, we believe that it will be passed during this Government.

We are pleased that revisions to the Bill reflect submissions made by the Glass Packaging Forum; its members and the wider packaged goods industry.

### ***Specifically:***

- A definition for waste is now included which, although wider than our preference, covers everything that is no longer required for its original purpose and, but for commercial or other waste

minimisation initiatives, would be discarded.

- Allows for storage of waste pending recycling for up to 3 months or longer with approval;
- Introduces means by which voluntary product stewardship schemes such as the Packaging Accord can be accredited;
- Removes public concern as a standalone criterion for declaring a product to be a priority product.

The Waste levy will be introduced at \$10 per tonne from 1.7.09. All other provisions come into force the day after Royal Assent is given.

The legislation will enable deposit schemes to be introduced for products deemed to be a priority. The Glass Packaging Forum will continue to lobby strongly against Container Deposit Legislation on the basis that the environmental and economic benefits do not outweigh the costs - notably introducing CDL will increase the cost of a case of drinks by up to 10 cents.

An interview with David Carter on our position on container deposit legislation can be seen on [http://www.packaging.org.nz/policy/policy\\_container\\_deposit\\_legislation.php](http://www.packaging.org.nz/policy/policy_container_deposit_legislation.php)

As mentioned in March's Glass Matters, the steering group has been working on a strategic review of the Forum and this will be circulated separately to members by John Webber this month.

Please put in your diary our 2<sup>nd</sup> AGM which will be held on 27<sup>th</sup> August at the Waipuna, Auckland.

## GLASS RAP COMPETITION

Entries for the Glass Rap competition have been pouring in from schools up and down the country from Whangarei to Invercargill.

Kids show "What Now" got behind the competition and filmed with Che Fu for their Easter Sunday show.

And if you think we are just a **boring** old industry association, **think again...** here we are with our own place on **Youtube**.

<http://www.youtube.com/watch?v=HDuzsv-HyGw>

The entries will be judged by Che Fu and our very own well known rap fan David Carter later this month. We will be announcing the two winning schools on World Environment Day which is the 5<sup>th</sup> June.

We have also been asked to post our Che Fu competition on the World Environment Day website which charts events that are happening to celebrate the best global projects to reduce our impact on the planet.

### **GLASS RAP – Chorus**



At the request of schools, we have extended the entry deadline to **16<sup>th</sup> May**.

Listen to the Che Fu Rap the Gap lyrics on our very musical website:-

[www.glassforum.org.nz](http://www.glassforum.org.nz)

The Steering Group is currently considering a longer term programme working with Che Fu to promote recycling to young people in schools coupled with music concerts around the country. This fits clearly with our aim of working with local communities as the conduit to increased glass recycling. Please let us know your thoughts on this.

## Project Update

### **Mobile Glass Crusher doing its bit around the country**



From 14 – 16 March 2008 the annual WOMAD (World of Music Art and Dance) event was held in Taranaki. The event was opened by the Prime Minister who praised the effort that had gone into making it a sustainable event and she challenged the public to do the right thing throughout the three days. This was supported by ongoing stage announcements asking people to sort their waste streams correctly at the recycling stations provided around the site.

We supplied the mobile glass crusher and along with Transpacific Industries who facilitated the equipment and materials the event achieved an overall 86% recycling rate.

## Alternative Uses for glass...

### Erosion Protection: Getting boulder by the day



Detailed information about the use of glass cullet in erosion protection can be found on the [www.glassforum.org.nz](http://www.glassforum.org.nz) website. Behind the project is George Archer who says he is still experimenting with the proportions of crushed glass used in the mix but aims to use 20-30% waste crushed glass.

The project which has received a grant from the Forum involves The Terrain Erosion Protector (TEP) concrete system which is aimed at being as portable as possible, as cheap to manufacture as possible, and most importantly, be as effective as possible.



A report by Palmerston North Council comparing different types of recycling methods is soon to be issued.

### Smart Bottles

Under the terms of our grant to this boutique voluntary container deposit operation in South Island we are now able to monitor the effectiveness of a non mandatory container deposit system.

## Wastebusters - Ashburton



The Forum has provided additional funds for a formal engineering review of the use of glass in building slabs so as to influence other Local Authorities to use the process without the need for them to have individual trials. The Slab is to be featured at the major Zero Waste Conference in August at which John will also participate in the Workshop on recycling. The Forum has agreed to provide sponsorship in support of the Zero Waste conference.

## Tararua Resource Recovery

Research carried out by Massey University into developing and marketing an insulation product comprising a mix of glass and polystyrene is now available.

## NZ attitudes to waste

A **Shape NZ** survey conducted by the NZ Business Council for Sustainable Development New Zealanders in conjunction with the Product Stewardship Foundation finds that New Zealanders see agrichemicals, batteries, oil, tyres and computers as the biggest waste problems.

The next priority wastes are "dead" vehicles, TVs, paint, packaging, mobile phones, disposable nappies and then other electrical products. People are also very concerned about everyday products and packaging made from petroleum based plastics. The survey had 2791 respondents with a margin of error of +/- 1.9%.

## Packaging issues around the world



### *In Australia and the Pacific Islands*

#### **National Container Deposit Legislation Scheme**

**At the April meeting of the** Environment Protection and Heritage Council, ministers agreed to investigate the merits of a national container deposit system

The EPHC comprises ministers from all Australian states and territories, as well as the Australian, New Zealand and Papua New Guinea governments. Ministers agreed to investigate the merits of a national container deposit system, taking into account the experience of the South Australian scheme and the results of investigations undertaken for a similar scheme in Western Australia and Tasmania. The EPHC is committed to effective long-term strategies to deal with Australia's waste management issues, and wants to be able to consider an authoritative analysis of container deposit schemes at the same time it considers the mid-term review of the National Packaging Covenant.

### ***In Europe***

WRAP, the UK waste minimization agency has released guidelines for smart packaging. These guidelines include information on what colour glass to choose to maximize the recycled content. The report advises that:-

*Careful consideration must be given to why a particular colour is used or what colour could be substituted to increase recycled content. In some cases, the brand or product could be enhanced with a colour change and this could allow a higher recycled content.*



**White Flint: 60% maximum cullet content**



**Amber glass: 65% maximum cullet content**



**Green containers: 95% Maximum cullet content**

Details on selecting recycled glass for your brand can be found on

[http://www.wrap.org.uk/downloads/14975-04\\_Smart\\_Guide\\_Phase\\_2\\_-\\_Sec\\_5\\_-\\_Spec\\_Rec\\_Glass.43f5aa2e.pdf](http://www.wrap.org.uk/downloads/14975-04_Smart_Guide_Phase_2_-_Sec_5_-_Spec_Rec_Glass.43f5aa2e.pdf)