

For interviews and more information please go to [www.amrsc.wa.gov.au](http://www.amrsc.wa.gov.au), or contact Brendan Mohr, Manager of Services, Shire of Augusta-Margaret River, on 08 9780 5642



# E-Newsletter



## National Packaging Covenant/Department of Environment and conservation and the Shire of Augusta-Margaret River

### 1. What's going on?

Shire of Augusta, Margaret River, are pleased to announce that they have now, installed three phase power to their Davis Road site and placed a firm order with AGG in the United States, for the construction and supply of an AGG Systems 2 glass crushing plant.

\$126,464.00 of joint funding from the National Packaging Covenant and The Department of Environment and Conservation, is helping to fund this project called "Glass Reprocessing for Local Markets" which aims to divert over 800 tonnes of glass waste from landfill each year. The Shire will add \$90,000 towards the installation of glass crushing and bailing facilities. This is the first project of its kind in regional Australia and will change the landscape of the way glass is recycled in the Margaret River region – a place which disposes of large amounts of glass bottles

### 2. Who is who?

Project Manager, Brendan Mohr said the Shire was very pleased to receive funding for the glass crushing initiative.

"The Shire's Strategic Waste Management Plan strives towards creating more efficient and effective ways to recycle. With the installation of a glass crusher in our region we aim to effectively reduce the amount of glass in landfill. The new machine aims to divert 870 tonnes of glass waste from landfill within 12 months of production.

"The glass crusher will also provide an opportunity for other Council's to recycle their glass in the South West instead of sending it interstate which is currently uneconomical."

The National Packaging Covenant is a unique initiative between government and industry, to stop packaging waste ending up in landfill. Working together with Australian brand owners and the packaging supply chain the Covenant scrutinises better ways to recycle, reuse, recover and re-design packaging so it is sustainable.

### 3. Where we are now



SORT-STACK-TRANSPORT

### 4. New technology – where we are going



FEED-CRUSH-REUSE

### 5. How does it work?

The system separates contaminants such as labels, metal and plastic caps whilst crushing the glass in to fine aggregate. A popper unit breaks the initial glass containers and a shear unit accommodates the separation of labels from the glass. The product is then separated from the lids and labels using a trommel screen and finally a sizer unit creates an aggregate mix of 3/8".

### 6. Challenges

We envisage the main challenge in these early stages will be the timeline for manufacture and delivery of the plant from the USA. Unfortunately no comparable product is currently manufactured in Australia.

### 7. What's next?

Council is currently stockpiling glass and designing the site infrastructure to accommodate the crusher, together with a bailer to process cardboard, paper, plastics and aluminium cans, thus creating a recycling process centre.