Polymer Recovery
Closed the loop polymer recovery and recycling of solid sheet thermoplastic products.

Globally, Petroleum resources are used for producing an enormous variety of plastics for an even wider variety of products such as extending the shelf life of our food products. Many applications involve polymer products with a life cycle of less than one year, after which time the vast majority of these plastics are then discarded.

There is a growing trend towards the reuse and reprocessing of industrial plastics for economic, as well as environmental reasons. This is because plastics have a great durability for reprocessing, most plastics are able to be 100% recycled and readily accept additives to modify or replenish any depleted properties.

Most plastics are 100% recyclable.

However, plastics are still a big contributor to our global waste problem.

Our Solution
Corex Recycling
City of Greater Dandenong

Feedstock
Corex encourages clients to return clean PP and high density Polyethylene (HDPE) for reuse.

Products made by Corex Plastics such as Corflute and Fluteboard are also taken.

Output Stock
Corex Recycling exploits the ability of products made from thermoplastic to be reprocessed at the end of their life into other useful products.

The Benefits

- Landfill space & costs are saved
- Corex Plastics can produce new products using approximately 80% less energy than with raw material production.
- Utilising ASPIRE, Corex connects itself with many clients to take in plastic waste for recycling

3,000 tonnes of thermoplastics are recycled each year

1 tonne of recycled plastic can save approximately 5.7 cubic metres of landfill space

Source Information
Corex Plastics: http://www.corex.net.au/