



Lifecycle Management guidance & practice

Corex Corflute[®], Fluteboard[®] and
Graphex[®] polypropylene sheets

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Corex Plastics Australia Environmental Policy

Corex Plastics is an Australian extruder and fabricator of thermoplastic solid and fluted board products. As Australia's largest fluted board extrusion company, Corex is committed to reducing its impact on the Australian and Global Environment through the creation, implementation and continuous improvement of its environmental management system (EMS).

Environmental Objectives

In implementing this policy we can:

- Consider environmental factors as part of Corex's business planning and decision making process;
- Monitor and take ownership over areas of our products life cycle;
- Reduce our carbon footprint on the environment through increased use of recycled material;
- Reduce waste, energy use, and raw material inputs;
- Communicate and educate our employees and management on Corex's EMS system, environmental impact and their role in reducing that impact;
- Comply with all applicable environmental laws and strive to go above and beyond these laws;
- Work with the supply chain and surrounding community on environmental projects that align with Corex's EMS system;
- Continually improve our environmental performance.

Our Environmental Responsibilities and Future Environmental Commitments

Corex acknowledges that much of our manufacturing inputs come from non-renewable sources, therefore our product, process design and strategic direction aim to continually improve the efficiency of how we use these resources. We are always looking for better solutions in making our products more sustainable and the growing bioderived/biodegradable polymer segment is something we expect to be operating in over the coming years.

Corex is committed to the education of its staff on environmental issues and will continue to engage with sustainability advocates and stakeholders to gain knowledge and provide improved solutions and outcomes for our business and the community.

With our commitment to Continuous Improvement of Environmental Performance, Corex's Environmental Policy and EMS system will be reviewed every six months from the date of this policy.

CEO and Managing Director
Simon Whiteley

Date: 22nd May 2009

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Keeping it simple – the waste hierarchy

The further activity moves up the waste management hierarchy, the more greenhouse gains there are to be made.

Reuse requires less energy again than recycling, although designs which are both adaptable and durable are essential. Reuse is already part of our society, so there is a precedent to build from it.

Reduce requires less energy again, by designing out waste before it is created. Waste, in all its guises, is an indicator that systems and processes could be designed better. It makes no sense to pay both financial and energy/greenhouse costs for waste twice – first to create it, then again to dispose of it.

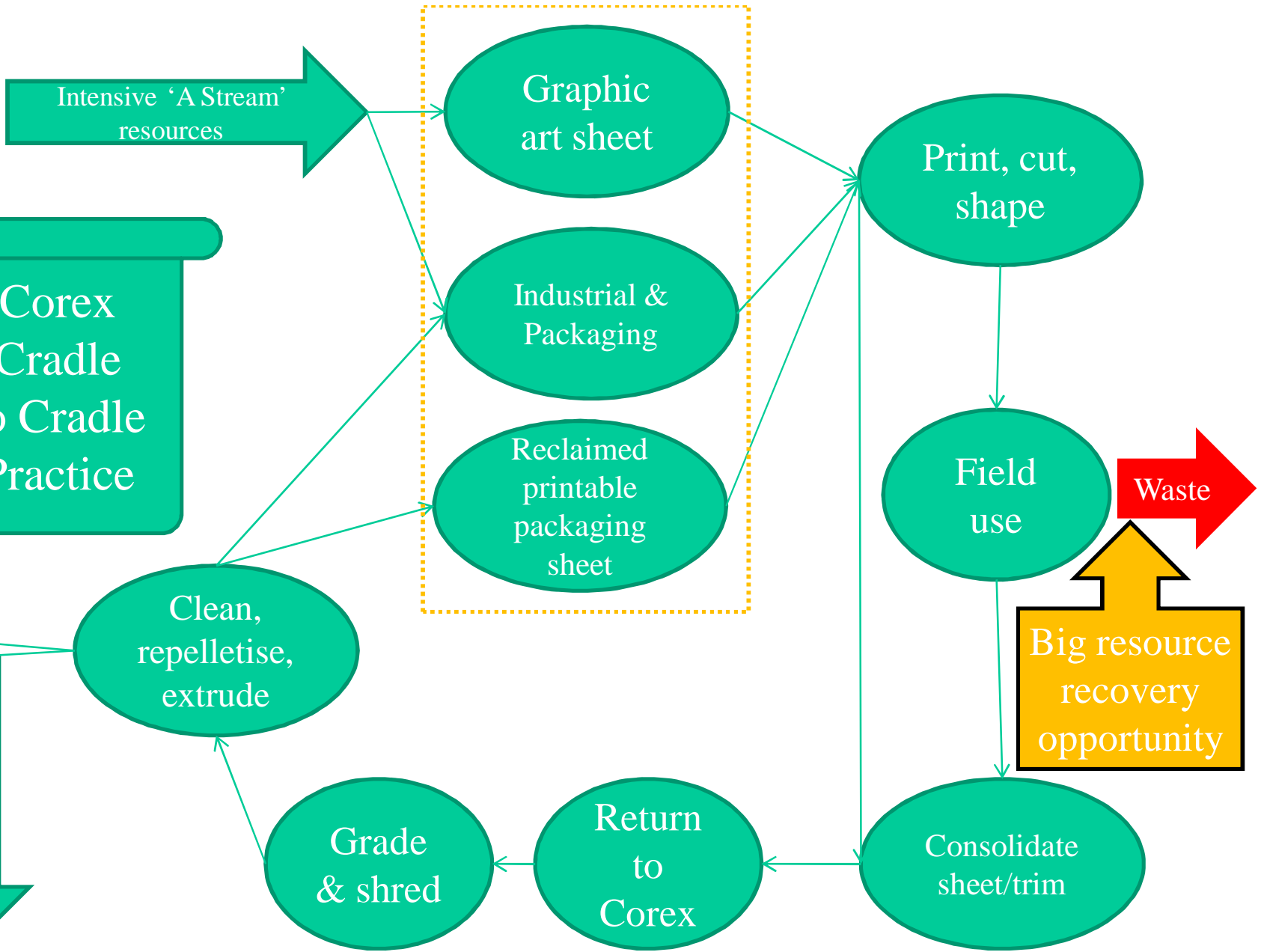
Avoid is the ultimate zero waste challenge, the highest point on the hierarchy. The volume and rate at which resources are being channelled through the human economy needs to be slowed, along with a recognition that all our material goods have an energy 'price tag'.

To effectively address the zero waste and climate change agenda, there needs to be a move beyond recycling into the largely uncharted territory of the higher end of the hierarchy, to reuse, reduce and avoid, with a particular emphasis on ecoefficiency (same or greater utility from less material input).



Adapted from www.zerowaste.sa.gov.au/About.mvc/Wastemanagementhierarchy

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Stewardship – polypropylene sheets

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- Corex manufactured solid & hollow profile polypropylene sheets are made from a thermoplastic that is highly recyclable from a technical aspect. The challenge is to cost effectively consolidate sheets at the end of the applications life, keep them clean and compact them and transport them so they can be recycled into another product. Please discuss opportunities to do this with a Corex representative (see next page).
- When managed poorly this resource is at best recycled into a low value application (e.g. plant pots, compost bins, kerbside recycling crates), combusted for energy recovery or unfortunately destined for the waste stream.
- Current best practice is
 - Clearly mark the printed sheets with the correct plastic identification code (PIC) – refer top right.
 - Manage the end of life consolidation and movement with the print/packaging client to return clean sheets to Corex for recycling into another application.
- The PIC symbol assists collectors to identify and sort the collected plastics by material type. It does not necessarily indicate that the product can be recycled or is made from recycled content.

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