

Australian Packaging Covenant

Action Plan 2011-14

2011-14 action plan

australian packaging covenant

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Introduction

Detmold Group is a privately owned company that has been in operation since 1948. In 2011 Detmold Group has sales and manufacturing facilities in 15 countries and the Head Office remains in Adelaide, South Australia.

The Detmold Group has been a signatory to the National Packaging Covenant since 2002, and is committed to the objectives and scope of the Australian Packaging Covenant. This Action Plan covers the products produced, sold, and activities carried out by the Detmold Group within Australia for the period 2011 to 2014.

This Detmold Group APC Action Plan covers the following business units in Australia:

- Detmold Packaging - which operates manufacturing facilities in Adelaide, Jakarta, Heshan, Shanghai, Dubai, Ho Chi Minh, and Johannesburg and warehousing/distribution globally
- Detmold Consumer Goods Packaging - which operates manufacturing facilities in Melbourne and has sales offices around Australia
- Detpak - which sells disposable packaging to the foodservice industry around Australia and globally
- Paper-Pak - which sells packaging to the retail market in Australia and New Zealand

The Detmold Group APC Action Plan also covers the Detmark and PS&S brands as well as the Detmold Flexibles, Detmold Industrial, Tik-Pak, Charles Gabb, Centapak and Hodders brands which have now been absorbed into other divisions of the Detmold Group.

Detmold completed and exceeded all actions outlined in its 2006-2010 NPC Action Plan. This 2011-14 action plan demonstrates a continuation of past initiatives and introduces a range of new activities covering the fundamental areas of product development and design, focusing on fit-for-purpose, resource efficiency, low-impact materials and resource recovery. The Detmold Group has also instituted an Environmental Management System at its Adelaide manufacturing site which addresses the overall environmental performance of the manufacturing operations, in addition to the APC focus on product sustainability.

The Detmold Group is both a Brand Owner and a Manufacturer in the packaging supply chain.

Environmental Statement

The Detmold Packaging Group is a responsible leader in our Industry and the communities in which we operate. We demonstrate our commitment through the actions that we all take, rather than just what we say. We have a passion for paper and we believe that we all benefit from its attributes. We partner people who value innovation and quality and who are prepared to shoulder their responsibility for the environment. We champion paper as the preferred packaging medium because in our view, it is the most responsible resource to use for this purpose.

We invest in local communities and our recruitment process and business strategies assure long term benefits to employees, their families and the communities in which they live. To our owners and investors, we provide the certainty and longevity that comes from sustainable and responsible business.

Detmold Packaging will actively support all of its customers with their programs to use environmentally friendly packaging. This will be carried out by developing new processes and introducing the use of new materials in the manufacture and distribution of the package.

Detmold Packaging will also control its own manufacturing sites to ensure that it has minimal impact on their communities and environment. This will be done by continuing to reduce the consumption of harmful substances and by reducing the production of process waste.

Reduce

The Detmold Packaging Group is committed to source reduction programs to minimise the raw material required to produce packaging that is fit for purpose. Through consultation with major suppliers and customers the Detmold Packaging Group will Endeavour to participate in material rationalisation wherever possible.

Reuse

Wherever possible the Detmold Packaging Group will reuse materials within the operations to maximize recovery and minimise waste.

Recycle

Through design, customer consultation and marketing, the Detmold Packaging Group will continue to support the use of recycled materials. Optimisation of waste recycling is a key aim of the Detmold Packaging Group, to ensure environmental impacts are minimised.

Educate

A program to educate staff, suppliers and customers in the Australian Packaging Covenant is a key requirement for the Detmold Packaging Group in committing to our action plan.

Environmental KPIs

The Detmold Group has identified 4 primary environmental indicators across its global manufacturing operations. Below is a table summarizing the current performance of the Australian operations under each of these measures and outlining the 2014 target values.

	Units	Reporting Year (2008)	Reporting Year (2009)	Reporting Year (2010)	Goal: Level for 2011	Goal: Level for 2014
MJ of energy per Kg of product	MJ	1.5	1.2	1.2	1.2	1.0
Kg of solid waste per Kg of product	Kg	0.107	0.099	0.078	0.078	0.06
% waste recycled	%	76.39	77.94	73.53	78%	85%
Kilolitres of water per Kg of product	Litres	0.784	0.766	0.588	0.588	0.55

Environmental Management System (EMS)

The Detmold Group currently operates an EMS at the Adelaide manufacturing site. The EMS is based on the requirements of ISO14001 and has been externally audited and assessed as being ready for certification. A plan is in place to roll out this EMS across the Detmold Group global manufacturing operations. This will further enhance the environmental performance of the Group globally.

Buy Recycled Policy

The Detmold Group is committed to purchasing recycled products that are fit for purpose and meet customer's criteria wherever possible. Examples of items purchased include semi recycled paper options, fully recycled paper and corrugated box packaging, a fully integrated ink dispenser system designed to rework and re use waste inks. Furthermore Detmold Group is committed to working with suppliers to provide more environmentally friendly solutions regarding packaging raw materials that either can be re used or are easy to recycle, as well as utilisation of materials that provide improved yield gains to minimise waste and total raw materials required for greater output.

Action Plan (2011-2014)

Action / Target	Measurable	Timing
Commit to the APC and the Sustainable Packaging Guidelines	<ol style="list-style-type: none"> 1. Sign up to the APC and pay fee 2. Submit 2011-2014 APC Action Plan 	<p>Complete</p> <p>Complete</p>
Define the review mechanism for assessing packaging products against the Sustainable Packaging Guidelines	<ol style="list-style-type: none"> 3. Produce a draft SPG review format covering the 12 design considerations 4. Discuss the draft SPG review format and outputs with key customers in Australia 5. Implement a standard format SPG review for all packaging products 6. Decide upon the SPG review team and sign off requirements 	<p>Commence April 2011</p> <p>Commence May 2011</p> <p>July 2011</p> <p>July 2011</p>
Define the packaging product range in terms of the Sustainable Guidelines	<ol style="list-style-type: none"> 7. Analyse all SKUs manufactured and sold in Australia and choose logical groupings of products 8. Conduct preliminary SPG reviews on each of these product groupings to ensure they are logical and practical 9. Set and publish the data and weighting criteria for each product category 	<p>August 2011</p> <p>September 2011</p> <p>October 2011</p>
SPG Review Schedule	<ol style="list-style-type: none"> 10. First 1/3rd of existing product reviews 11. Second 1/3rd of existing product reviews 12. Final 1/3rd of existing product reviews 13. Follow up review each product category SPG every 2 years 	<p>Oct 2011 - February 2012</p> <p>March - July 2012</p> <p>August - December 2012</p> <p>Commence 2014</p>
Review all new products against the SPG prior to the full market launch	<ol style="list-style-type: none"> 14. Complete an SPG review document for all new products launched 	<p>Commencing July 2011</p>
Environmental Management System	<ol style="list-style-type: none"> 15. Review the EMS and the Aspects and Impacts assessment annually 16. Continuously improve energy efficiency per kg of product produced 17. Continuously improve water efficiency per kg of product produced 18. Continuously improve the amount of solid waste per kg of product 19. Continuously increase the level of recycling of waste within operations 20. Global roll out of EMS 21. Review the requirements to achieve ISO14001 certification by site 	<p>Next Due April 2012</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>Commence July 2011</p> <p>Ongoing</p>

Sustainable Packaging Guidelines

Detmold Group applies sustainable design principles in all of its product development activities. In line with the Sustainable Packaging Guidelines, Detmold Group focuses on four key goals, being

- **Fit-for-purpose:** Packaging should be designed to meet market and consumer needs, while minimising net impact in a cost-effective way.
- **Resource efficiency:** Packaging should be designed to minimise the use of materials and other resources without compromising product quality and safety.
- **Low-impact materials:** Packaging should be designed to minimise the environmental and social impact of materials and components. Materials should be selected on science and incorporate a whole-of-lifecycle approach.
- **Resource recovery:** Packaging should be designed to maximise its potential for recovery and recycling and to minimise the environmental and social impacts of its disposal.

Sustainability is embedded into the product development process in Detmold Group and these guidelines are being applied to both new and existing items as part of our commitment to the Australian Packaging Covenant. The review process is being documented and records will be made available for review by the APC or its representatives as required.

As part of the SPG review the following 12 elements will be considered for each packaging group:

1. Minimise materials (source reduction)
2. Use recycled materials
3. Design for transport
4. Maximise water and energy efficiency
5. Minimise risks associated with potentially toxic and hazardous materials
6. Use renewable or recyclable materials
7. Use materials from responsible suppliers
8. Design for reuse
9. Design for recovery
10. Design for litter reduction
11. Design for consumer accessibility
12. Consumer Information

Further to this, the Detmold Group is working with its key customers to implement innovative ways to assess the relative environmental impacts of packaging choices. This includes defining the weighting being applied by the customer to each of the 12 elements above.

Contact Officer

The officer charged with the responsibility of implementing and reporting on the Australian Packaging Covenant Action Plan and annual reports is Tom Lunn. His details are as follows;

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Senior Management Endorsement

Detmold Packaging is committed to the objectives and scope of the covenant, and to integrating them into standard business procedures.



Alfonzo Ianniello
CEO Detmold Packaging