



Australian Packaging Covenant

Action Plan

1st July 2016 – 30th June 2017

Introduction

Qenos is the sole manufacturer of polyethylene in Australia, in addition to distributing a range of specialty products. Qenos is a raw material supplier signatory to the Australian Packaging Covenant and recognises the inherent value in this innovative program with its shared involvement of all members of the packaging chain.

Qenos' APC plan activities support the Packaging Covenant performance goals and key performance indicators. In addition, Qenos has numerous projects, developments and systems which facilitate the ongoing reduction in environmental impact of our products and our processes. Many of these are reported in our most recent [Sustainability Report](#) and are available on the [Qenos web site](#).

This plan has been prepared by the Qenos APC coordinator with support of action owners, and is endorsed by Qenos management.



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Chief Executive Officer

Contact Details

For comments or questions regarding the Qenos Action Plan, please contact:

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Qenos



Qenos Overview

Qenos is a raw material supplier to the packaging industry. Our products are supplied in business to business packaging forms to facilitate the transfer of our products to the manufacturing industry. Qenos does not manufacture or supply consumer packaging.

Qenos products are supplied in three different formats

- Bulk containers, typically containing up to 20 tonnes
- Flexible Intermediate Bulk Containers (FIBC), typically containing 1 tonne
- Bags, containing 25 kg each



Customers are encouraged to purchase in bulk containers to minimise the amount of packaging. This has been successful in raising the proportion of product supplied in bulk containers and reducing the total amount of packaging materials used in the supply chain.

Qenos continues its role as a leader and innovator and is focused on delivering sustainable solutions to the packaging industry. A core function of our business is assisting our customers to improve efficiency and minimise waste throughout the whole supply chain. For example, Qenos continues to assist our customers to utilise advanced products such as the Alkamax[®] range of metallocene linear low density polyethylenes. These materials are typically used in packaging film applications such as heavy duty sacks, pallet stretch wrap and food packaging. The enhanced mechanical attributes of Alkamax[®] products often allow manufacturers to reduce film thickness, thus reducing raw material usage and lessening packaging waste to landfill.

As a key part of the packaging supply chain, Qenos continues to make significant improvements in sustainability through direct improvements in operations. Projects that improve energy efficiency and reduce greenhouse gas emissions continue. For example, following the installation of a cogeneration unit at Altona, greenhouse gas emissions have been reduced by 120,000 tonnes per year. Qenos also has a strategy to reduce mains water use, which has resulted in a 10% improvement in water efficiency between 2010 and 2015, with a significant reduction of mains water usage over that period. Further information is available in the [Qenos Sustainability Report 2015](#), accessible on the Qenos website (www.qenos.com).



Action Plan KPI Table

Performance goals and KPIs	Actions	Responsibility	Baseline data	Targets	Milestones
<i>1. Design - optimise packaging to achieve resource efficiency and reduce environmental impact</i>					
KPI 1 – Proportion of signatories in the supply chain implementing the SPG for design or procurement of packaging. Target: 70% of Covenant signatories with documented policies and procedures for evaluating and procuring packaging using the SPG or equivalent Target: 70% of Covenant signatories assessing 100% of new packaging and 50% of existing packaging against the guidelines	Use the complete SPG to review Qenos's existing packaging formats again.	Logistics and Projects Manager, Packaging Covenant Coordinator	Packaging has previously been reviewed for potential efficiency improvements and material reductions	Reviews completed and potential improvements selected for further investigation	June 2017
	Document and report any actual or attempted changes to packaging identified as part of SPG reviews or other processes.	Logistics and Projects Manager, Packaging Covenant Coordinator		Changes documented and reported annually	Ongoing, report actions in Annual Report
	Formalise the SPG in Logistics Manual procedure for changing packaging materials.	Logistics and Projects Manager	Current Logistics Manual procedure outlines the packaging evaluation process	Procedure updated	December 2016

Performance goals and KPIs	Actions	Responsibility	Baseline data	Targets	Milestones
<i>2. Recycling - the efficient collection and recycling of packaging</i>					
KPI 3 – Proportion of signatories with on-site recovery systems for recycling used packaging	Monitor the materials recovered for recycling	Senior Environmental Adviser	Systems are in place for recovering a wide range of materials.	Measure and report quantities recycled	Annual report
	Install improved signage at recycling collection points.	Senior Environmental Adviser		New signs installed	December 2016
	Conduct employee awareness sessions to improve segregation of recyclable materials	Senior Environmental Adviser		Sessions completed across all sites	March 2017
	Perform audit of waste and recycling streams and feedback results to staff	Senior Environmental Adviser		Two audits completed	June 2017
KPI 4 – Proportion of signatories with a policy to buy products made from recycled packaging. All APC signatories will have a formal, documented policy of buying recycled products or materials	Review current buy recycled policy and opportunities to purchase items with increased recycled content	Procurement	Buy recycled policy is in place.	Identify opportunities to buy products made from recycled materials	Jun 2017

Performance goals and KPIs	Actions	Responsibility	Baseline data	Targets	Milestones
<i>3. Product Stewardship - demonstrated commitment to product stewardship</i>					
<p>KPI 6 – Proportion of signatories that have formal processes for working with others to improve design and recycling of packaging</p> <p>Target: 70% of Covenant signatories implementing formal policies and procedures in working with others to improve design, procurement and recovery of packaging</p>	Maintain capability and systems for assisting Qenos customers to utilise SPG, including providing information on recyclability of Qenos products.	Packaging Covenant Coordinator	System in place to assist customers utilising SPG	Provide assistance with all customer requests	Ongoing
KPI 7 – Proportion of signatories demonstrating other product stewardship outcomes	Review product literature as per internal schedule to ensure information is relevant and correct for our customers to use for product design	Product Integrity Manager	System in place for scheduling reviews of product literature	Scheduled product literature reviews completed	Ongoing, report annually
	Maintain involvement in appropriate industry bodies supporting relevant waste reduction, sustainability, covenant promotion or recycling projects.	CEO and Executive Team	Qenos is actively involved in PACIA, and is a Signatory to PACIA Sustainability Leadership Framework.	Maintain or increase representation	Ongoing, reported annually

Performance goals and KPIs	Actions	Responsibility	Baseline data	Targets	Milestones
<i>3. Product Stewardship - demonstrated commitment to product stewardship</i>					
KPI 8 – Reduction in the number of packaging items in litter	Monitor performance of the packaging and transport companies utilised by Qenos.	Sc Distribution Coordinator	Qenos Logistics Provider has systems for recycling or disposing of any waste packaging and scrapped plastic pellets.	100% of offsite polyethylene scrap recovered for recycling	Annual review
	Join Operation Clean Sweep as a partner.	Senior Environmental Adviser	Clean Sweep is a new program in Australia to prevent plastic pellet losses	Pledge signed	August 2016
	Review Operation Clean Sweep Program Manual and define an implementation plan and timeline.	Senior Environmental Adviser		Plan developed	December 2016
	Continued involvement in Altona Community Neighbourhood Consultative Group and the Botany Industrial Park Community Consultation Committee.	Senior Environmental Advisers	These forums provide an opportunity for industry, council, regulators and community to raise concerns.	Address concerns raised in these forums.	Ongoing, report annually