



# Minister for Environment and Climate Change

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Our Ref: SU005212

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Dear Mr Cordner

## National Packaging Covenant - Victorian Government Annual Report

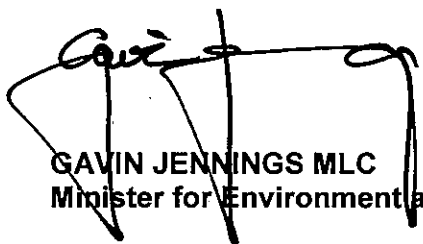
I am pleased to enclose Victoria's Annual Report for 2006-07 under the National Packaging Covenant.

The Victorian Government continues its strong support of the Covenant. The report details how government departments and agencies contribute to the Covenant both directly, and through the various programs provided to others, such as:

- Projects delivered with Covenant Council, jurisdictions, and others.
- Financial support and capacity building programs for industry and local government.
- Enforcement of the *Waste Management Policy (Used Packaging Materials)*.
- Implementing the Victorian Government's Environmental Management System.

I look forward to working with you on the next phase of the Covenant.

Yours sincerely



GAVIN JENNINGS MLC  
Minister for Environment and Climate Change

NATIONAL PACKAGING COVENANT

**GOVERNMENT OF VICTORIA**  
**Annual Report**

**2008**



## **Background**

Packaging is one of our most visible waste streams. Almost every product we consume uses packaging, and most of it is discarded after use.

Victorians are great at recycling, particularly in the home. Most of us have access to kerbside recycling, a system that collects the vast majority of all consumer recyclable materials across the state. Last year, Victorian councils collected over half a million tonnes of material from households. While this is great news for the environment, we need to keep improving to keep up with growing populations and consumption. This requires a collective effort from companies, residents and all levels of government.

The National Packaging Covenant guides and encourages better environmental performance from its signatories. It uses a 'life cycle' approach to promote better packaging design and a more efficient use of resources. The approach delivers environmental benefits beyond recycling because it helps signatories to reduce energy, water, waste and material inputs, and this helps relieve pressure on our limited natural resources.

**As a Covenant signatory, the Victorian Government is pleased to present this Annual Report for 2007-08.**

## **Executive Summary**

The Victorian Government is committed to policies and programs that use resources more efficiently to deliver better environmental outcomes. The *Sustainability Action Statement 'Our Environment Our Future' 2006* and the *Sustainability in Action: Towards Zero Waste Strategy* details the Government's sustainability strategies, commitments and actions. These documents include a commitment to the National Packaging Covenant as a signatory and active partner.

This document reports progress against the commitments made in the Victorian Government Action Plan 2007-2009.

EPA and Sustainability Victoria and other parts of Government contribute to the Covenant in the following ways:

- **Industry and Local Government Support:** delivering grants and education programs.
- **Regulation:** implementing the *National Environment Protection Measure (Used Packaging Materials)* to provide a regulatory underpinning to the Covenant.
- **Covenant Policy and Projects:** shaping Covenant policy and developing/delivering projects as member of the National Packaging Covenant Council.
- **Environmental Management System:** delivering improved environmental performance across government departments.

Key achievements and activities detailed in this report are as follows.

### **Industry and Local Government Support**

- **Kerbside Recycling:** Over 600,000 tonnes of materials collected by kerbside recycling services, up from approximately 560,000 tonnes in the previous year.
- **Municipal Resource Recovery Infrastructure Investment Grants:** 21 projects completed receiving \$2.1 million in funding, diverting an estimated 27,000 tonnes of recyclable materials from landfill.
- **Commercial and Industrial Grants:** 12 projects completed receiving total funding of \$1.8 million. Projects expected to deliver 294,000 tonnes of additional resource recovery.
- **Litter Enforcement:** Ongoing rollout of Litter Enforcement Toolkit developed to assist local officers to develop and implement strategies to tackle litter.

- **Waste Wise Certification:** 638 organisations waste wise certified, recycling over 7000 tonnes of materials.

## Projects

- **Recycling Projects:** Seven National Packaging Covenant projects to the value of nearly \$3 million currently approved in Victoria. The Victorian Government is contributing over \$1.4 million to these projects.
- **Data Review:** Delivered a major review of recycling data and the methodologies used to improve data confidence and accuracy.

## Regulation

- **Compliance:** Victoria's *Waste Management Policy (Used Packaging Materials)* provides the regulatory underpinning to the Covenant to ensure that signatories are not competitively disadvantaged. EPA has approached 332 companies to inform them of their options and obligations under the policy, and has issued 17 Pollution Abatement Notices for non-compliance.

## Environmental Management System

- **Recycling:** approximately 85% of waste generated by government departments (plus Sustainability Victoria and EPA) is recycled.
- **Procurement Policy:** Requires all departments to purchase goods and services that reduce environmental impacts.

<b>GOAL 1 – PACKAGING OPTIMISED TO INTEGRATE CONSIDERATIONS ABOUT RESOURCE EFFICIENCY, MAXIMUM RESOURCE RE-UTILIISATION, PRODUCT PROTECTION, SAFETY AND HYGIENE.</b>	
<b>KPI 1</b>	<b>Total weight of consumer packaging (domestic &amp; imported) sold per annum into the Australian market and the total weight of products packaged.</b>
2007-09 Action Plan Commitments	Not applicable to jurisdictions.
<b>KPI 2</b>	<b>Resources used to produce packaging, by material type: - energy (mega joules). - water (kilolitres).</b>
	<p><i>(Individual Packaging Manufacturers are required to report against this KPI)</i></p> <p>Not applicable to governments, however the Victorian Government will contribute to this KPI by delivering programs and resources to assist companies in the packaging supply chain to minimise the consumption of energy and water, including:</p> <p>a) Resource Smart Business (RSB) program designed to support innovative sustainable business practices for companies including those in the packaging supply chain.</p> <p>b) The <u>Environment and Resource Efficiency Plans (EREP) program</u> requires Victoria’s largest industrial and commercial users of water and energy to assess energy, water and waste and to identify and implement actions that pay for themselves within three years. Some smaller energy and water users are participating voluntarily in EREP to realise financial and environmental savings, through resource efficiency actions.</p> <p>EREP builds on EPA’s Industry Greenhouse Program (IGP). This program was the first regulatory greenhouse and energy efficiency program for industry in Australia, and one of the first in the world. EPA licence holders were required to:</p> <ul style="list-style-type: none"> <li>▪ assess their annual site-based energy use and greenhouse gas (GHG) emissions</li> <li>▪ depending on the outcomes, undertake an energy audit and assess opportunities for improvement</li> <li>▪ prepare a plan to implement actions with a payback period of three years or less</li> <li>▪ implement their approved action plan.</li> </ul> <p>Water Management Plans: As part of the Government’s ‘Our Water Our Future’ white paper, water authorities will work with their non-residential water consumers to develop water management plans which address water conservation and improvements to the quality of discharges including trade waste and sewerage. Resources including access to support materials, specialist advice, funding assistance and</p>

	education materials will be provided to eligible businesses.
<p>Report against 2007-09 Action Plan Commitments</p>	<p>a) The Resource Smart Business program continues to assist businesses, including those in the packaging supply chain, to reduce their total resource consumption. Projects implemented under the 2007-08 program resulted in a CO2 emission abatement of approximately 54, 900 tonnes.</p> <p>b) <u>Environment and Resource Efficiency Plans (EREP)</u> Around 250 sites from a wide range of industry sectors registered in EREP by March 2008 and are now developing plans to cut resource use (due end December 2008). These sites use approximately 700 petajoules of energy and 300 gigalitres of water a year. This is the equivalent to around 45% of Victoria's annual energy use, and the annual water consumption of around 1.5 million average Victorian households.</p> <p>In addition to the mandatory EREP program, EPA will continue working with businesses through voluntary programs, via industry associations and directly with individual sites to reduce energy and water use and waste generation.</p> <p>EREP builds on the Industry Greenhouse Program (IGP) which has now come to an end. <b>Key outcomes:</b> At the end of 2007, IGP had delivered annual greenhouse gas cuts of 1.23 million tonnes of carbon dioxide equivalents and savings to business of \$38.2 million each year. The average payback period for these efficiency actions was 20 months. Works Approval applicants have, and will continue to need to apply best-practice resource efficiency measures to new works.</p> <p>c) <u>Water Management Plans</u> To ensure a secure and reliable water supply for Victoria the government has developed a holistic approach for urban water management and has set targets to reduce drinking water consumption.</p> <p>To meet these water conservation targets, the Victorian Government requires major industrial, commercial and institutional water-using customers that consume more than 10 mega litres per annum from an urban water supply to:</p> <ul style="list-style-type: none"> <li>▪ Develop a water Management Action Plan (waterMAP)</li> <li>▪ Annually report on the implementation of their waterMAP and water savings</li> </ul> <p>These tasks are conditions outlined in the Victorian Water Corporation's Permanent Water Saving Plans (PWSP) created under the Water Act 1989 and Water Industry Act 1993 and are therefore mandatory.</p>
<b>KPI 3</b>	<b>Improvements in design, manufacture, marketing and</b>

<b>distribution to minimize the environmental impacts of packaging.</b>	
2007-09 Action Plan Commitments	<p>(Packaging Supply Chain required to report against this KPI)</p> <p>Not applicable to governments, however the Victorian Government will contribute to this KPI by:</p> <ul style="list-style-type: none"> <li>a) Providing ongoing financial support and guidance to the Sustainable Packaging Alliance (SPA) for its work in promoting sustainable packaging, including advice and in-kind support during the commercialisation of the Packaging Impact Quick Evaluation Tool (PIQET) currently being developed with food manufacturers. SPA was established to encourage, promote and assist National Packaging Covenant signatories to improve resource efficiency in packaging through training, research, and roundtable exploration of issues for packaging manufacturers, users, councils and end of life management companies. Sustainability Victoria will provide ongoing funding of approximately \$24,000 per annum to support the Round Table series, web site development and further research into sustainable packaging. Sustainability Victoria will continue to provide partial funding for the employment of an Industry Liaison Officer based with SPA to support and promote SPA activities.</li> <li>b) Promoting sustainable packaging at design forums and events as part of Sustainability Victoria's ongoing <i>Design for Sustainability</i> program which targets the industrial design sector.</li> <li>c) Continuing to promote the uptake of sustainable practices in packaging supply chains by attracting new stakeholders and partners in the supply chain.</li> <li>d) Liaising with organisers of several of Victoria's (and Australia's) major design awards, to promote sustainability criteria across all award categories. NB - Awards often include packaging components and categories.</li> <li>e) Promoting Design for Sustainability (DfS) to Victorian design professionals to assist them to incorporate sustainability criteria and considerations into product design and client liaison.</li> </ul>
Report against 2007-09 Action Plan Commitments	<ul style="list-style-type: none"> <li>a) Sustainability Victoria continues to provide financial support to the Sustainable Packaging Alliance (SPA) for:           <ul style="list-style-type: none"> <li>▪ continuation of the Roundtable Series</li> <li>▪ maintenance of the SPA website - <a href="http://www.sustainablepack.org">www.sustainablepack.org</a></li> <li>▪ research and development of the Packaging Impact Quick Evaluation Tool (PIQET) used to evaluate packaging as part of the broader product development process</li> <li>▪ Part funding of a liaison officer to build SPA membership and promote PIQET</li> </ul> </li> <li>b) Design for Sustainability continues to be promoted to the industrial design sector, and more recently to broader product development</li> </ul>

	<p>decision makers including marketing professionals. In 2007-08 Sustainability Victoria participated in, partnered in, or facilitated eight conferences and events.</p> <p>c) Sustainability Victoria has commenced working with the Plastics and Chemicals Industries Association (PACIA) to improve knowledge and understanding of designing for the lifestyle of plastics for PACIA members and others in the value chain. A series of publications will be released in 2008-09.</p> <p>d) Sustainability Victoria (SV) sponsored for the second year the Excellence in Sustainable Design category for the Australian International Design Awards. SV also partner the Niche Media award for eco-design and the DIA Student Sustainability award.</p> <p>e) Sustainability Victoria continues to promote Design for Sustainability to Victorian design professionals in conjunction with the Design Victoria program operated by RMIT and by providing information on their website – <a href="http://www.sustainability.vic.gov.au">www.sustainability.vic.gov.au</a>.</p>
<b>KPI 4</b>	<b>Changes to protection, safety, hygiene, shelf life or supply chain considerations affecting amount &amp; type of packaging used.</b>
2007-09 Action Plan Commitments	Not applicable to governments.
<b>KPI 5</b>	<b>Average % per annum, of post-consumer recycled content in packaging manufactured.</b>
2007-09 Action Plan Commitments	<p><i>(Individual packaging manufactures required to report against this KPI)</i></p> <p>Not applicable to governments, however the Victorian Government will support this KPI through the Whole of Victorian Government Environmental Management System and through the delivery of programs and grants. The Victorian Government will:</p> <p>a) Work towards the development of procurement guidelines that specify a preference towards post consumer recycled materials as part of the Whole of Victorian Government Environmental Management System.</p> <p>b) Provide ongoing support for the Sustainable Packaging Alliance, including the promotion of post consumer packaging materials across the packaging supply chain. (see KPI 3a for further detail)</p>
Report against 2007-09 Action Plan Commitments	<p>a) The Victorian Government has developed an environmental procurement policy that specifies a preference towards post consumer recycled materials as part of the Whole of Government Environmental Management System. For details visit <a href="http://www.vgpb.vic.gov.au">www.vgpb.vic.gov.au</a>. Procurement guidelines will also be available from this site.</p> <p>b) See KPI 3a for details.</p>

<p><b>KPI 6</b></p> <p>2007-09 Action Plan Commitments</p>	<p><b>Total weight, by type, of "non-recyclable" packaging sold per annum into the Australian market.</b></p> <p><i>(Individual Brand Owners required to report against this KPI)</i></p> <p>Not applicable to governments, however the Victorian Government will support this KPI through the Whole of Victorian Government Environmental Management System and through the delivery of programs and grants. The Victorian Government will:</p> <ul style="list-style-type: none"> <li>a) Ensure that procurement specifications are designed to avoid the purchase of goods that contain 'non-recyclable' materials and packaging. (For example, remanufactured toner cartridges and toner recycling services are available as part of the whole of government State Purchasing Contract for stationary.)</li> <li>b) Provide ongoing support for the Sustainable Packaging Alliance, including promoting the avoidance of "non-recyclable" packaging used in the design and production of packaging products. (see KPI 3a for details)</li> </ul>
	<ul style="list-style-type: none"> <li>a) In addition to the procurement policy (KPI 5a), the Victorian Government has developed principles and guidelines which preferences post-consumer recycled materials. A set of support tools to guide decision making has been developed. Specifications have been developed for a range of IT equipment, water and energy using appliances, paper and toner.</li> <li>b) Refer to KPI 3 for details.</li> </ul>
<p><b>KPI 7</b></p> <p>2007-09 Action Plan Commitments</p>	<p><b>Total weight of consumer packaging disposed to landfill.</b></p> <p><i>(National Packaging Covenant Council is required to report against this KPI)</i></p> <p>Not applicable to governments, however the Victorian Government is committed to assisting the NPCC to report against this KPI by:</p> <ul style="list-style-type: none"> <li>a) Participating in, and contributing to projects and methodologies that will identify the total weight of consumer packaging disposed to landfill.</li> <li>b) Providing data on waste sent to landfill from government departments that are required to demonstrate compliance with the waste component of the Whole of Government Environmental Management System.</li> </ul>
<p>Report against 2007-09 Action Plan Commitments</p>	<ul style="list-style-type: none"> <li>a) EPA hosted a major project on behalf on the National Packaging Covenant Council, to independently review and determine a confidence rating for all years' recycling data between 2003 and 2007. The review identified opportunities to improve methodologies used to calculate progress towards Covenant targets, including waste to landfill targets. Covenant Council has implemented several recommendations, and work to improve data</li> </ul>

	<p>quality is continuing.</p> <p>b) Government Departments provide data on an annual basis on their waste produced and waste recycled. In 2006-07, Departments generated 85 kilograms of waste per full time equivalent, and recycled 85% of that waste. 2007-08 data will be published in each department's annual report (available from each Department's website.)</p>
<b>KPI 8 Consumer packaging as a % by weight of total waste and relative to other waste stream components.</b>	
2007-09 Action Plan Commitments	<p>The Victorian Government is committed to:</p> <p>a) Coordinating Local Government Data Collection to calculate kerbside recycling rates.</p>
Report against 2007-09 Action Plan Commitments	<p>a) Sustainability Victoria coordinates the annual Local Government Data Survey. See attachment 1 for 2007-08 data.</p>

**GOAL 2 – EFFICIENT RESOURCE RECOVERY SYSTEMS FOR CONSUMER PACKAGING AND PAPER**

**KPI 9 Total weight of consumer packaging recycled, through:  
 (a) Domestic and  
 (b) Away from Home  
 recovery systems respectively.**

2007-09 Action Plan Commitments

*(Local Governments and individual recyclers & re-processors to report against this KPI)*

Not applicable to state governments, however the Victorian Government is committed to the following actions designed to increase recycling rates and improve reporting against this KPI:

Investment in Infrastructure

- The Municipal Resource Recovery Infrastructure Investment Grants Program assists with the development of best practice facilities and tools to deliver the *Towards Zero Waste* target of a 65% recovery rate (by weight) of municipal and household waste for reuse, recycling or energy generation by 2014. Funding will be provided for municipal resource recovery infrastructure to increase resource recovery from the municipal waste stream.

*(NB: Funding will assist in the recovery of all recyclable materials, not just consumer packaging materials.)*

- 2006-07 financial year
  - \$1.9 million funding allocated
  - 12 Projects to be completed (anticipated)
- 2007-08 financial year
  - \$1.6 million funding allocated
  - 18 Projects to be completed (anticipated)
- 2008-09 financial year
  - \$3.04 million funding allocated
  - 17 Projects to be completed (anticipated)

Reporting

- a) Continue to conduct the annual Local Government Data Collection survey as part of annual NEPM reporting obligations to establish kerbside collection data
- b) Following on from work conducted in 2006 and 2007, continue to work other jurisdictions on a national data collection project (MRF project).

Programs

- c) Continue to deliver the Waste Wise program (aimed at increasing 'away from home' recycling rates) to business, schools, events, networks, local government and community (including small to medium businesses)

	<p>d) Promote 'away from home' resource recovery projects and take back systems, including public place recycling and commercial and industrial recycling, as a key priority area for the Victorian JPG.</p> <p><u>Improved Systems</u></p> <p>e) Target an additional 10 councils taking up the Best Practice Kerbside Recycling Program by mid 2007.</p>
<p>Report against 2007-09 Action Plan Commitments</p>	<p><u>Investment in Infrastructure</u></p> <ul style="list-style-type: none"> <li>▪ In 2007-08 , 21 projects were completed</li> <li>▪ Total infrastructure funding allocated against the 21 projects was \$2.1 million</li> <li>▪ 2007-08 expenditure against the 21 completed projects was \$790,000</li> <li>▪ Diversion of recyclable materials from landfill from completed projects was over 27,000 tonnes.</li> </ul> <p><u>Reporting</u></p> <p>a) Please see attachment 1 for 2007-08 figures.</p> <p>b) Victoria supported a data collection project led by the Department of Environment and Climate Change, New South Wales in 2007. In the meantime, a significant review of all years' data from 2003 to 2007 contained recommendations to Covenant Council for improving the quality and confidence levels of packaging recycling data. Covenant Council has implemented several recommendations, and work to improve data quality is continuing.</p> <p><u>Programs</u></p> <p>c) Sustainability Victoria delivered the Waste Wise program to schools, events, local government, business and other organisations across Victoria.</p> <ul style="list-style-type: none"> <li>▪ An increasing number of organisations achieved Waste Wise certification in 2007-08 including: <ul style="list-style-type: none"> <li>- 179 schools</li> <li>- 246 business and government organisations</li> <li>- 213 events.</li> </ul> </li> <li>▪ Total materials recycled from certified organisations was 7606 tonnes and the waste diversion rate was 32%</li> <li>▪ Recycled materials included 5124 tonnes of recycled cardboard and paper, 609 tonnes of consumer packaging and 277 tonnes of food waste</li> <li>▪ Events diverted an average 38% of waste from landfill</li> <li>▪ Schools diverted 4500 tonnes of waste</li> <li>▪ In 2008-09 there will be 30 new schools participating in Resource Smart Schools Waste module – replacing Waste Wise in schools</li> </ul> <p>d) EPA Chairs the Victorian Jurisdictional Projects Group whose objective is to identify, develop and manage projects that support the Covenant's objectives and targets, with a focus away from the home.</p>

	<ul style="list-style-type: none"> <li>▪ Seven projects to the value of nearly \$3 million are currently approved. The Victorian Government is contributing over \$1.4 million to these projects.</li> </ul> <p><u>Improved Systems</u></p> <p>e) 54 councils are currently participating in the Best Practice Kerbside Recycling Program.</p>
<b>KPI 10</b>	<b>Total weight of recycled consumer packaging sold to end-users.</b>
2007-09 Action Plan Commitments	Not applicable to governments.
<b>KPI 11</b>	<b>Number of Councils operating according to good practice collection principles and state-based benchmarks.</b>
2007-09 Action Plan Commitments	<p>The Best Practice Kerbside Program has been a key initiative to increase the recovery of recyclable materials from the kerbside system. The Victorian Government will continue to provide financial support for local governments that introduce a Best Practice Kerbside Recycling System. Key targets include:</p> <p>a) At least ten additional Councils taking up the Best Practice Kerbside Recycling Program;</p> <p>b) At least five councils committed to expanding their kerbside collection to include a wider range of organics.</p>
Report against 2007-09 Action Plan Commitments	<p>a) Refer to KPI 9e for details.</p> <p>b) In 2006-07, 4 councils introduced a regular (weekly, fortnightly or monthly) green organics collection service, bringing the total to 37.</p> <p>Kerbside collection services recovered over 240,000 tonnes of green organics in 2006-07. About 1.6 million households have access to green organics collection services, with an average 153kg of green organics collected per household annually.</p> <p>2007-08 data will be available by the end of 2008.</p>
<b>KPI 12</b>	<b>Percentage of households with access to kerbside collection systems.</b>
2007-09 Action Plan Commitments	<p><i>(Local Governments to report against this KPI)</i></p> <p>The Victorian Government will continue to support kerbside collection systems as a key recycling strategy and will maintain systems for collecting data from Victorian councils to report against this KPI.</p>
Report against 2007-09 Action Plan Commitments	In 2007-08, 95% of households had access to a kerbside recycling system.
<b>KPI 13</b>	<b>Percentage of households with access to other domestic</b>

<b>collection systems.</b>	
2007-09 Action Plan Commitments	<i>(Local Governments to report against this KPI)</i>  The Victorian Government will maintain systems for collecting data from Victorian local councils for annual reporting against this KPI.
Report against 2007-09 Action Plan Commitments	Households without access to kerbside services – typically in rural locations – have drop off services available in their municipality.
<b>KPI 14 Number of commercial and industrial premises with packaging recycling collection systems.</b>	
2007-09 Action Plan Commitments	<i>(National Packaging Covenant Council is required to report against this KPI)</i>  Not applicable to governments, however the Victorian Government will support this KPI through the Commercial & Industrial Infrastructure grants program (approximately \$1.5 per annum) designed to assist with the development of infrastructure to recover resources (including packaging materials) from the commercial and industrial (C&I) and construction and demolition (C&D) waste streams.
Report against 2007-09 Action Plan Commitments	In 2007-08, 12 projects were completed which received total funding of \$1.8 million. The projects are expected to deliver 294,000 tonnes of additional resource recovery.  Sustainability Victoria will invest approximately \$5.8 million over 3 years to the Commercial & Industrial grants program. 29 Commercial & Industrial projects are planned for 2007-08 and 2008-09.
<b>KPI 15 Percentage of Councils and government agencies providing public place recycling infrastructure.</b>	
2007-09 Action Plan Commitments	The Victorian Government will undertake the following actions to contribute to this KPI:  a) Collect data on the number of recycling bins installed and the tonnages collected  b) Invest \$290,000 in Public Place Recycling projects including: <ul style="list-style-type: none"> <li>▪ Updating Public Place Recycling guidelines;</li> <li>▪ Promoting national retail project guidelines;</li> <li>▪ Providing Public Place Recycling grants;</li> <li>▪ Supporting guidelines, case studies and sustainability assessments in major venues;</li> <li>▪ Supporting 'Resource Smart' signage guidelines</li> </ul> c) Through the Victorian Jurisdictional Projects Group, encourage and support projects that increases public place recycling rates through improved infrastructure.
Report against 2007-09 Action Plan	a) The Local Government Data Survey indicates that 1,977 recycling bins were installed in 2006-07. Tonnages are not available.

Commitments	<p>All government departments, plus EPA and Sustainability Victoria have recycling systems in place, and data is available from each department's website.</p> <p>b) Sustainability Victoria:</p> <ul style="list-style-type: none"> <li>▪ Provide updated Public Place Recycling Guidelines at <a href="http://www.resourcesmart.vic.gov.au">www.resourcesmart.vic.gov.au</a></li> <li>▪ awarded \$168,802 to 11 Public Place Recycling Grants with a total project value of \$451,101. Five projects are in regional areas and 11 are in the metropolitan area.</li> </ul> <p>c) Refer KPI 9D.</p>
<b>KPI 16 Percentage of signatories providing recycling collection facilities for post-consumer packaging generated on-site.</b>	
2007-09 Action Plan Commitments	<p>The Victorian Government is committed to the following actions related to this KPI:</p> <p>a) Continually expand and improve recycling collection facilities in Victorian Government Departments and agencies involved in the Whole of Victorian Government EMS;</p> <p>b) Obtaining data and reporting the number Victorian Government Departments providing recycling collection facilities for post-consumer packaging generated on-site</p>
Report against 2007-09 Action Plan Commitments	<p>a) All 10 Victorian Government departments (plus EPA and Sustainability Victoria) are required to continually improve their waste management practices and recycling systems under their Environmental Management System.</p> <p>b) All 10 Victorian Government departments (plus EPA and Sustainability Victoria) have recycling systems in place. These systems are in accordance with their Environmental Management System.</p>

<b>GOAL 3 – CONSUMERS ABLE TO MAKE INFORMED DECISIONS ABOUT CONSUMPTION, USE AND DISPOSAL OF PACKAGING OF PRODUCTS.</b>	
<b>KPI 17 Amount and type of consumer packaging in the litter stream.</b>	
2007-09 Action Plan Commitments	The Victorian Government is committed to the following action to assist with reporting against this KPI:  a) Providing \$33,090 per annum towards the National Litter Index (NLI) conducted by Keep Australia Beautiful. The NLI identifies the type of items in the litter stream by material type, and provides information on litter volumes at the survey sites.
Report against 2007-09 Action Plan Commitments	a) The Victorian Government provided funds to Keep Australia Beautiful in accordance with the commitment. The National Litter Index can be accessed on the Keep Australia Beautiful website at <a href="http://www.kab.org.au">www.kab.org.au</a> .
<b>KPI 18 Contamination rates in consumer packaging recovery systems (eg. kerbside, events, venues, public places, workplaces).</b>	
2007-09 Action Plan Commitments	The Victorian Government will undertake the following actions to contribute to this KPI:  a) Conduct the Local Government Recycling Survey to monitor contamination rates in kerbside recycling.  b) Work with other jurisdictions to develop a national methodology for reporting against this KPI.  c) Streamline the reporting process for Waste Wise events to provide information on tonnages collected and contamination rates in consumer packaging recovery systems.  d) Deliver the Waste Wise program to communicate the benefits of recycling and the negative impacts of contamination in the recycling stream. (see KPI 9)
Report against 2007-09 Action Plan Commitments	a) The Local Government Data Collection measures contamination rates in the kerbside recycling system. The contamination rate was 10.8% 2007-08.  b) A jurisdictional working group reviewed the methodology in April 2007 to ensure nationally consistent reporting.  c) 213 events were certified as Waste Wise for the 2007-08 financial year with 77 attracting over 5,000 visitors. Events are rated as gold, silver or bronze, and the diversion rates (waste from landfill) for each were as follows: <ul style="list-style-type: none"> <li>▪ Gold (8 events): 62.1% diversion rate</li> <li>▪ Silver (61 events): 55.0% diversion rate</li> <li>▪ Bronze (135 events): 38.8% diversion rate</li> </ul> Significant data collection improvements have been achieved over

	<p>the reporting period.</p> <p>d) See KPI 9c.</p>
<b>KPI 19</b>	<b>Improvements in consumer knowledge about the functional attributes of packaging, including recyclability/reuse.</b>
2007-09 Action Plan Commitments	Not applicable to governments.
<b>KPI 20</b>	<b>Improvements in littering behaviour.</b>
2007-09 Action Plan Commitments	<p>The Victorian Government will contribute to this KPI by:</p> <p>a) Providing grants (\$200,000 for 2006/07) to local councils, regional waste management groups and other community groups for litter prevention initiatives with a particular focus towards cigarette butts which constitute over half of the Victorian litter stream.</p> <p>b) Funding a campaign targeting cigarette butt littering which is expected to rise when smoking bans in licensed premises come into effect in July 2007.</p> <p>c) Continuing to fund a position in Sustainability Victoria to review the 1995 Victorian litter strategy. The strategy aims to provide clear direction for Victoria in preventing litter and reaching the Towards Zero Waste targets of a 25% reduction in littering behaviour by 2014 compared to 2003 levels.</p> <p>d) Managing the role of the Litter Champion (funded through the Victorian Litter Action Alliance) to provide a coordinated approach to litter management and prevention across government, industry and community sectors. NB: The following organisations are members of the Victorian Litter Action Alliance: <i>Melbourne Water, EPA Victoria, Sustainability Victoria, Parks Victoria, VicRoads, Plastics and Chemicals Industries Association (PACIA), Packaging Stewardship Forum, Victorian Local Governance Association (VLGA), Victorian Waste Management Association (VWMA), Keep Australia Beautiful Victoria, City Of Melbourne, Municipal Association of Victoria (MAV), Association of Victorian Regional Waste Management Groups (AVRWGMG).</i></p> <p>e) Supporting local authorities with litter management and enforcement through: <ul style="list-style-type: none"> <li>▪ The development of a Litter Enforcement Toolkit and accompanying workshops;</li> <li>▪ The delivery of Illegal Dumping Forums to reduce and manage illegal dumping.</li> </ul> </p>
Report against 2007-09 Action Plan Commitments	<p>a) In 2007-08, \$161,850 was provided to 13 projects mainly targeting cigarette butt litter and public place dumping. Six projects are in metropolitan areas and 7 are regional.</p> <p>b) A \$1.2 million state-wide campaign targeting cigarette butt litter</p>

	<p>was delivered in the lead up to, and after the smoking bans. Sustainability Victoria delivered:</p> <ul style="list-style-type: none"><li>▪ Information and butt bin rebates to licensed venues</li><li>▪ Education and support materials to local governments and Regional Waste Management Groups.</li><li>▪ An advertising and media campaign called 'Don't be a Tosser - Bin Your Butts' targeting smokers at priority sites.</li></ul> <p>c) Sustainability Victoria and EPA Victoria funded \$50,000 each for the development of the litter strategy in 2006-07 and 2007-08. The strategy is still under development and due for release in 2009.</p> <p>d) Sustainability Victoria continues to host the role of the Litter Champion. The Litter Champion has provided a work plan for approval by the Victorian Litter Alliance and provides quarterly updates on progress on this plan. The focus for the work plan this year is:</p> <ul style="list-style-type: none"><li>▪ Illegal Dumping Kit – People at Home</li><li>▪ Development and pilot of a Roadside Littering Kit</li><li>▪ ongoing promotion of existing materials and professional capacity building program</li></ul> <p>The Litter Champion is funded by</p> <ul style="list-style-type: none"><li>▪ a \$69,000 contribution by VLAA members and</li><li>▪ a \$26,000 contribution plus a full time staff member with all on-costs contributed by Sustainability Victoria.</li></ul> <p>e) Litter Enforcement Toolkit and Illegal Dumping Forums: outcomes are being achieved continually in a responsive way to meet the ongoing needs of Victorian local authorities:</p> <ul style="list-style-type: none"><li>• Seven consultations were held statewide in 2007-08, resulting in a large project to develop a toolkit addressing residential illegal dumping</li><li>• The Essential Litter Compendium was developed and a series of workshops were held surrounding project management and task force development</li></ul>
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<b>GOAL 4 – SUPPLY CHAIN MEMBERS AND OTHER SIGNATORIES ABLE TO DEMONSTRATE HOW THEIR ACTIONS CONTRIBUTE TO GOALS (1)–(3) ABOVE.</b>	
<b>KPI 21</b>	<b>Estimated tonnage of consumer packaging recycled and sent to landfill respectively, from on-site collection facilities.</b>
2007-09 Action Plan Commitments	The Victorian Government is committed to reporting against this KPI as part of the 'Financial Reporting Direction 24A – Reporting of Office Based Environmental Impacts by Government Departments' including:  a) Units of Waste produced per Full Time Equivalent (including recyclable materials)  b) Total units of waste recycled (kgs)
Report against 2007-09 Action Plan Commitments	In 2006-07, Departments generated 85 kilograms of waste per full time equivalent, and recycled 85% of that waste. 2007-08 data will be available from each Department's website.
<b>KPI 22</b>	<b>Number of signatories who have formally adopted the ECoPP and developed systems for its implementation.</b>
2007-09 Action Plan Commitments	<i>(National Packaging Covenant Council is required to report against this KPI)</i>  Not applicable to governments.
<b>KPI 23</b>	<b>Application of Covenant compliance procedures by NPCC to identify non-complying signatories.</b>
2007-09 Action Plan Commitments	<i>(National Packaging Covenant Council is required to report against this KPI)</i>  Not applicable to governments.
<b>KPI 24</b>	<b>Implementation of NEPM procedures by jurisdictions.</b>
2007-09 Action Plan Commitments	The Victorian Government will undertake the following actions to contribute to, and report against this KPI:  a) Maintain internal records of signatories and known non-signatories;  b) Apply a nationally agreed methodology to conduct an audit of records kept by Victorian brand owners who are not signatories to the National Packaging Covenant (as per Cl. 16(4) of the NEPM);  c) Apply a nationally agreed methodology to conduct a survey of packaged products sold by retailers and/or surveys of brand owners represented in materials recovery systems in Victoria (as per Cl. 18 of NEPM);  d) Submit an annual report on NEPM implementation to the National Environment Protection Council (NEPC);  e) Liaise with other jurisdictions regarding implementation of the NEPM, as required.
Report against 2007-09	a) EPA maintains records of brand owners registered in Victoria. Records include signatories and non-signatories identified in the

Action Plan Commitments	<p>nation-wide brand owner audit, which EPA conducts as part of its National Environment Protection Measure requirements.</p> <p>b) EPA contributed to a nationally agreed methodology to identify brand owners that are not Covenant signatories. The methodology was reviewed at a jurisdictional meeting in April 2007.</p> <p>c) Brand owner audit completed.</p> <p>d) National Environment Protection Measure report complete and submitted to the National Environment Protection Council (NEPC) in September 2008.</p> <p>e) EPA regularly liaises with other jurisdictions to coordinate NEPM enforcement activities.</p>																
<b>KPI 25 Enforcement of the NEPM to “free-riders” and non-complying Covenant signatories.</b>																	
2007-09 Action Plan Commitments	<p>The Victorian Government is committed to:</p> <p>a) Maintaining internal records (including correspondence details) of known non-signatories that are ‘free riders’ to the Covenant;</p> <p>b) Enforcing the NEPM under the <i>Waste Management Policy (Used Packaging Materials)</i>;</p> <p>c) Report the number of formal enforcement actions taken.</p>																
Report against 2007-09 Action Plan Commitments	<p>a) EPA maintains detailed records (including all correspondence) of all known non-signatories.</p> <p>b) EPA continues to enforce the NEPM under the <i>Waste Management Policy (Used Packaging Materials)</i>. During the Covenant period, 332 companies have been referred to Victoria. EPA has contacted each of these companies, with the results as follows:</p> <table border="1" data-bbox="432 1487 1401 1776"> <thead> <tr> <th>Status</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Signed NPC</td> <td>78</td> </tr> <tr> <td>Exempt: <i>Under the \$5 million turnover threshold</i></td> <td>38</td> </tr> <tr> <td>Pending: <i>Waiting on additional information</i></td> <td>93</td> </tr> <tr> <td>NEPM Applies</td> <td>26</td> </tr> <tr> <td>Unknown Company: <i>Ceased trading or not identified</i></td> <td>52</td> </tr> <tr> <td>Not Applicable: <i>NEPM(UPM) does not apply</i></td> <td>45</td> </tr> <tr> <td><b>Total</b></td> <td><b>332</b></td> </tr> </tbody> </table> <p>c) EPA issued 17 Pollution Abatement Notices to non-signatories that had not fulfilled their obligations under the <i>Waste Management Policy (Used Packaging Materials)</i>. Victoria is the first jurisdiction to take this action. Thirteen companies signed the Covenant as a result of the enforcement action, with a further 4 being followed up by EPA.</p>	Status	Number	Signed NPC	78	Exempt: <i>Under the \$5 million turnover threshold</i>	38	Pending: <i>Waiting on additional information</i>	93	NEPM Applies	26	Unknown Company: <i>Ceased trading or not identified</i>	52	Not Applicable: <i>NEPM(UPM) does not apply</i>	45	<b>Total</b>	<b>332</b>
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<b>KPI 26</b>	<b>Implementation of Buy Recycled purchasing policy or practices.</b>
2007-09 Action Plan Commitments	<p>The Victorian Government will contribute to this KPI by:</p> <ul style="list-style-type: none"> <li>a) Ensuring that under the environmental purchasing policy of the Victorian Government Purchasing Board (VGPB), entities are required to:               <ul style="list-style-type: none"> <li>o Incorporate environmental purchasing in procurement, planning and tender procedures, and</li> <li>o Consider the environmental impact in the selection of goods and services.</li> </ul> </li> <li>b) Revising its procurement policy and developing appropriate metrics.</li> <li>c) Delivering environmental purchasing considerations into PACCER training for Victorian Government procurement officers.</li> <li>d) Proving funding and support for the ECO-Buy environmental purchasing program.</li> </ul>
Report against 2007-09 Action Plan Commitments	<ul style="list-style-type: none"> <li>a) Principle 1 of the Victorian Government Purchasing Board Environmental Procurement Policy states:               <ul style="list-style-type: none"> <li>o Departments are to purchase goods and services that have reduced impacts on the environment compared with competing products and services that achieve the same function and value for money outcomes.</li> </ul> </li> <li>b) The policy was not scheduled for review in 2008, however a Whole of Government Strategy was developed, as well as an arrangement with Eco-Buy, to support the uptake of sustainable procurement in Government.</li> <li>c) Environmental procurement policy and guidelines will be incorporated into training developed by Eco-Buy.</li> <li>d) The Victorian Government allocated \$1.5 million to June 2010 through the Sustainability Fund to establish Eco-Buy Ltd as an independent not for profit organisation. Sustainability Victoria &amp; Department of Sustainability and Environment will support development of programs delivered to state, local government and business to expand environmental purchasing programs.</li> </ul> <p>Sustainability Victorian has entered into a 3 year MOU with EcoBuy and the Department of Sustainability and Environment. The agreement includes funding support for sustainable procurement programs in the Local Government, business, Victorian Government and community sectors. The Agreement also supports a research and development program.</p>

<b>GOAL 5 – ALL SIGNATORIES DEMONSTRATE CONTINUOUS IMPROVEMENT IN THEIR MANAGEMENT OF PACKAGING THROUGH THEIR INDIVIDUAL ACTION PLANS AND ANNUAL REPORTS.</b>	
<b>KPI 27 Establishment of baseline performance data.</b>	
2007-09 Action Plan Commitments	The Victorian Government will implement this KPI by: a) Maintaining records and data collection systems to report against all relevant KPIs in this Action Plan b) Working with other jurisdictions and the NPCC to improve methodologies and reporting systems for jurisdictional KPIs
Report against 2007-09 Action Plan Commitments	a) Complete b) EPA contributed to a comprehensive jurisdictional review in April 2007.
<b>KPI 28 Annual Reporting against Action Plan.</b>	
2007-09 Action Plan Commitments	The Victorian Government will prepare an annual report against this action plan by 31 October each year.
Report against 2007-09 Action Plan Commitments	Complete
<b>KPI 29 Demonstrated improvement and achievements against individual targets &amp; milestones.</b>	
2007-09 Action Plan Commitments	The Victorian Government is committed to: a) Maintaining internal records and arranging external data collecting strategies b) Implementing continuous improvement processes for its programs and the Whole of Victorian Government Environmental Management System.
Report against 2007-09 Action Plan Commitments	a) EPA maintains records on all Covenant and NEPM enforcement activities. EPA also led a national project to assess data sets using a consistent methodology to give all stakeholders a greater level of confidence in Australian recycling data. b) The Victorian Whole of Government Environmental Management System (WoGEMS) process outlines a continual improvement process. The manual states that the EMS will 'focus on preventative action and the setting of standards which continually improve the environmental performance of an organisation.' Principle 7 of DTF's procurement policy focuses on continuous improvement.

<b>KPI 30</b>	<b>Additional Actions</b>
2007-09 Action Plan Commitments	<p>The Victorian Government is committed to implementing actions as part of the Whole of Victorian Government Environmental Management System. These commitments will help to better manage and reduce the environmental impact of government operations, and contribute towards Covenant targets. Government Departments will:</p> <ul style="list-style-type: none"> <li>a) Include information relating to waste management and environmental performance in their Annual Reports, reported in accordance with <i>FRD24A Reporting of Office-Based Environmental Impacts by Government Departments</i>.</li> <li>b) Implement an EMS to reduce their office-based environmental impact of waste production, paper consumption, energy use, transportation and water consumption.</li> <li>c) Comply with the Victorian Government's Green Purchasing policy.</li> <li>d) Commission an independent environmental auditor to audit implementation of their EMS.</li> <li>e) As per KPI 21, commence development of consistent methodology for waste audits (including consumer packaging and paper) of Government premises.</li> <li>f) Ensuring that EMS co-ordinators meet on a regular basis to identify opportunities to apply Covenant principles across departments and agencies. A representative from EPA /Sustainability Victoria will attend these meetings at least twice a year to provide guidance in relation to Covenant signatory obligation and relevant Covenant developments.</li> </ul>
Report against 2007-09 Action Plan Commitments	<ul style="list-style-type: none"> <li>a) Financial Reporting Direction 24C (FRD24C) contains environmental reporting guidelines for government departments, EPA and Sustainability Victoria. It requires each entity to report waste produced per Full Time Equivalent, and the total amount of waste recycled by waste category.</li> <li>b) Each government department (plus EPA and Sustainability Victoria) is committed to implementing an EMS under the Whole of Government Environmental Management System program.</li> <li>c) Each government department (plus EPA and Sustainability Victoria) is required to report on its compliance with the Victorian Government's Green Purchasing Policy on an annual basis under the FRD24C reporting guidelines.</li> <li>d) An annual independent audit of the Victorian Government EMS is conducted.</li> <li>e) A 24-hour waste audit conducted at each of the entities constituting the inner Victorian Government was the minimum</li> </ul>

	<p>methodology requirement, however the Victorian Government is committed to working towards enhancing waste data collection methodology throughout 2008-09.</p> <p>f) A Victorian Government EMS Coordinators meeting is held every 6 weeks with EPA &amp; Sustainability Victoria attendees. Covenant information is regularly provided to attendees.</p>
<b>KPI 31</b>	<b>Additional Actions</b>
2007-09 Action Plan Commitments	<p>Victorian Government representatives will participate and contribute to the following regular multi-stakeholder forums regarding implementation and progress of the National Packaging Covenant:</p> <ul style="list-style-type: none"> <li>▪ Victorian Jurisdictional Projects Group (JPG)</li> <li>▪ National Projects Group (NPG)</li> <li>▪ National Packaging Covenant Council (NPCC).</li> </ul>
	<ul style="list-style-type: none"> <li>▪ EPA Victoria (as chair) and Sustainability Victoria representatives are part of the Victorian Jurisdictional Projects Group (JPG).</li> <li>▪ A Sustainability Victoria representative is on the National Projects Group (NPG).</li> <li>▪ Mick Bourke, Chairman EPA Victoria sits on the National Packaging Covenant Council as the Environment Protection Heritage Council (EPHC) representative.</li> <li>▪</li> </ul>

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## Attachment 1

Amounts of materials collected at the kerbside, sent for secondary use/energy recovery and contamination (waste) disposed to landfill.  
1 July 2007 – 30 June 2008

Material Types collected at kerbside	Kerbside recycling collected (in tonnes)	Kerbside recycling sold or sent for secondary use including energy recovery by material type (in tonnes)	Kerbside recycling residual waste (contaminants) disposed of to landfill (only need to report total tonnes)
<b>TOTAL PACKAGING PAPER</b> i.e. cardboard and liquid paper board	99199	87363	11836
<b>TOTAL NON PACKAGING PAPER</b> i.e. paper mixed, paper white office, newspaper and magazines	291001	263980	27021
<b>TOTAL GLASS</b>	143073	130816	12257
<b>TOTAL PLASTICS</b>	50466	37877	12588
<b>TOTAL ALUMINIUM (cans)</b>	5022	4694	238
<b>TOTAL STEEL (cans, tins etc.)</b>	16199	14783	1416
<b>TOTAL</b>	<b>604960</b>	<b>539513</b>	<b>65356</b>