

NATIONAL PACKAGING COVENANT

GOVERNMENT OF VICTORIA
Annual Report

October 2007



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.

Victorian's 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 2006-07.

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

- **Infrastructure Grants:** 12 projects completed which received \$1.5 million in funding, diverting and estimated 162,000 tonnes of recyclable materials from landfill in the commercial and industrial sector.
- **Municipal Resource Recovery Infrastructure Investment Grants:** 13 projects completed which received \$1.6 million in funding, diverting an estimated 32,000 tonnes of recyclable materials from landfill.
- **Waste Wise Program:** 662 organisations now accredited.
- **Best Practice Kerbside Recycling Program:** an additional 12 councils funded under the program, bringing the total number of participating councils to 54 (68% of Victorian councils).
- **Litter Enforcement:** Litter Enforcement Toolkit developed to assist local officers to develop and implement strategies to tackle litter.

Projects

- **Recycling Projects:** over \$500,000 invested in projects to the value of nearly \$2.5 million as part of the Covenant funding program.
- **Data Review:** leading a review to give stakeholders a greater level of confidence in Australian recycling data.
- **Structural Barriers Investigation:** led an investigation into the risks and barriers that may impede progress towards Covenant objectives and targets.

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 approached nearly 300 companies to inform them of their options and obligations under the policy increasing the number of Victorian signatories to 230, up from 149 in November 2006.

Environmental Management System

- **Recycling:** approximately 83% 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.

We look forward to contributing further to the Covenant as we approach the mid-term review in 2008.

GOAL 1 – PACKAGING OPTIMISED TO INTEGRATE CONSIDERATIONS ABOUT RESOURCE EFFICIENCY, MAXIMUM RESOURCE RE-UTILISATION, PRODUCT PROTECTION, SAFETY AND HYGIENE.	
KPI 1	Total weight of consumer packaging (domestic & imported) sold per annum into the Australian market and the total weight of products packaged.
2007-09 Action Plan Commitments	Not applicable to jurisdictions.
KPI 2	Resources used to produce packaging, by material type: - energy (mega joules). - water (kilolitres).
2007-09 Action Plan Commitments	<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> <ul style="list-style-type: none"> a) Resource Smart Business (RSB) program designed to support innovative sustainable business practices for companies including those in the packaging supply chain. b) EPA Resource Efficiency Programs: The EPA Industry Greenhouse Program has proved successful in delivering economic and greenhouse benefits to licensed sites. As an ongoing requirement of this program, companies must: <ul style="list-style-type: none"> o Report energy consumption and direct/indirect greenhouse gas emissions; o Pursue continuous improvement in the management of energy and greenhouse gas emissions; o Conduct regular reviews of operations; o Implement best practices. <p>The Environmental and Resource Efficiency Plans (EREPS) program will require Victoria’s largest industrial and commercial users of water and energy to assess energy, water and waste flows, and to identify and implement cost effective opportunities for reducing these flows. In addition, there will be voluntary programs for other businesses through industry associations and targeted programs for key areas such as smaller commercial and industrial resource users.</p> c) 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 education materials will be provided to eligible businesses.

<p>Report against 2007-09 Action Plan Commitments</p>	<p>a) The Resource Source Smart Business program has worked with major packaging companies to reduce total resource consumption associated with packaging manufacture.</p> <p>b) <u>Industry Greenhouse Program</u> EPA Victoria's Industry Greenhouse 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"> ▪ assess their annual site-based energy use and greenhouse gas (GHG) emissions ▪ depending on the outcomes, undertake an energy audit and assess opportunities for improvement ▪ prepare a plan to implement actions with a payback period of three years or less ▪ implement their approved action plan. <p>The program for licence holders is almost complete. Works Approval applicants have, and will continue to apply best-practice measures to new works.</p> <p>Key Outcomes</p> <ul style="list-style-type: none"> ▪ Greenhouse Gas (GHG) emissions abatement of 0.88 million tonnes per annum of carbon dioxide (equivalent) at the end of 2006, increasing to 1.23 million tonnes per annum at the end of 2007. This is equivalent to taking 286,000 cars off the road. ▪ Energy cost savings of \$24.9 million a year to participating companies at the end of 2006, increasing to \$38.2 million a year at the end of 2007 with an average payback period of 20 months per action. <p>Approximately one third of actions taken had a payback period of less than six months. These actions achieved a quarter of the total GHG reductions and provided annual cost savings of \$18 million.</p> <p><u>Environment and Resource Efficiency Plans</u> The Environment and Resource Efficiency Plans (EREPs) program will require Victoria's largest industrial and commercial users of water and energy to assess energy, water use and waste generation, and to identify and implement cost effective action to reduce resource use. The program is scheduled to commence from 1 January 2008.</p> <p>EPA released the draft EREP Regulations, a Regulatory Impact Statement (RIS) and draft guidelines for public comment. EPA is running stakeholder information sessions to explain the program and facilitate feedback on the draft documents.</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>c) In the Victorian Government's White Paper 'Our Water Our Future', non-residential large water users were involved in a voluntary program to prepare water management action plans under the Pathways to Sustainability program. The success of this program (both in water savings and participation) and the continuing low levels of</p>
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	<p>Victoria's water storages has lead the Government to mandate the program to all non-residential customers across the state using more than 10 million litres a year.</p> <p>The program is now compulsory requiring non-residential customers using more than 10 million litres of water per year to:</p> <ul style="list-style-type: none"> ▪ register their intent to develop a waterMAP ▪ develop and submit a waterMAP by 31 December 2007 ▪ report annually to their water authority on the implementation of the waterMAP and water savings ▪ review their waterMAP on request from their water authority <p>The program has commenced and will cover around 2,500 customers across the state.</p>
<p>KPI 3 Improvements in design, manufacture, marketing and distribution to minimize the environmental impacts of packaging.</p>	
<p>2007-09 Action Plan Commitments</p>	<p><i>(Packaging Supply Chain required to report against this KPI)</i></p> <p>Not applicable to governments, however the Victorian Government will contribute to this KPI by:</p> <ol style="list-style-type: none"> 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. 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. c) Continuing to promote the uptake of sustainable practices in packaging supply chains by attracting new stakeholders and partners in the supply chain. 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. 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.

<p>Report against 2007-09 Action Plan Commitments</p>	<p>a) Sustainability Victoria continues to provide financial support to the Sustainable Packaging Alliance (SPA) for:</p> <ul style="list-style-type: none"> ▪ continuation of the Roundtable Series ▪ maintenance of the SPA website - www.sustainablepack.org ▪ part funding of a liaison officer to build SPA membership and promote the Packaging Impact Quick Evaluation Tool (PIQET) used to evaluate packaging as part of the broader product development process ▪ research and development of packaging indicators. <p>b) Design for Sustainability continues to be promoted to the industrial design sector, and more recently to broader product development decision makers including marketing professionals. Sustainability Victoria has presented at 6 events and conferences since February 2007, with a further 5 engagements planned by April 2008.</p> <p>c) The Sustainable Packaging Alliance (with support from Sustainability Victoria) continues to attract new stakeholders in the packaging chain to participate in SPA activities.</p> <p>d) Sustainability Victoria (SV) developed and sponsors the Excellence in Sustainable Design category for the Australian Design Awards. SV also partner the Niche Media award for eco-design and the DIA Student Sustainability award, and is currently negotiating support for a fourth award.</p> <p>e) Sustainability Victoria continues to promote Design for Sustainability to Victorian design professionals through attendance at conferences and seminars, and by providing information on their website. www.sustainability.vic.gov.au</p>
<p>KPI 4</p>	<p>Changes to protection, safety, hygiene, shelf life or supply chain considerations affecting amount & type of packaging used.</p>
<p>2007-09 Action Plan Commitments</p>	<p>Not applicable to governments.</p>
<p>KPI 5</p>	<p>Average % per annum, of post-consumer recycled content in packaging manufactured.</p>
<p>2007-09 Action Plan Commitments</p>	<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: www.vgpb.vic.gov.au/CA256C450016850B/0/D05DD7274E35CE40CA2571E3000C39D4?OpenDocument. Procurement guidelines will also be available from this site.</p> <p>b) See KPI 3a for details.</p>
KPI 6 Total weight, by type, of "non-recyclable" packaging sold per annum into the Australian market.	
2007-09 Action Plan Commitments	<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> <p>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.)</p> <p>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)</p>
Report against 2007-09 Action Plan Commitments	<p>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 is currently under development. Specifications have been developed for a range of IT equipment, water and energy using appliances, paper and toner.</p> <p>b) Refer to KPI 3 for details.</p>
KPI 7 Total weight of consumer packaging disposed to landfill.	
2007-09 Action Plan Commitments	<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> <p>a) Participating in, and contributing to projects and methodologies that will identify the total weight of consumer packaging disposed to landfill.</p> <p>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.</p>

<p>Report against 2007-09 Action Plan Commitments</p>	<p>a) EPA is currently leading a project to assess data sets used to inform progress towards Covenant targets. This project should provide a greater level of data confidence, and may be used to improve data gathering processes in future.</p> <p>b) Government Departments provide data on an annual basis on their waste produced and waste recycled. In 2005-06, departments generated 100 kilograms of waste per full time equivalent, and recycled 83% of that waste. 2006-07 data will tabled in Parliament on the 30th of October 2007, and will be published in each department's annual report.</p>
<p>KPI 8 Consumer packaging as a % by weight of total waste and relative to other waste stream components.</p>	
<p>2007-09 Action Plan Commitments</p>	<p>The Victorian Government is committed to:</p> <p>a) Working with the NPCC and other jurisdictions to develop consistent methodologies to report against this KPI.</p> <p>b) Coordinating and implementing Victorian component of survey as per agreed methodology, and reporting to NPCC.</p> <p>c) Coordinating Local Government Data Collection to calculate kerbside recycling rates.</p>
<p>Report against 2007-09 Action Plan Commitments</p>	<p>a) EPA worked with other jurisdictions in April 2007 to develop a methodology for measuring this KPI.</p> <p>b) Data unavailable</p> <p>c) Sustainability Victoria coordinates the annual Local Government Data Survey. 2006-07 data will be available in late 2007 (Reports are available from the 'Publications' section of www.sustainability.vic.gov.au.) Please see attachment 1 for 2005-06 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	<p><i>(Local Governments and individual recyclers & re-processors to report against this KPI)</i></p> <p>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:</p> <p><u>Investment in Infrastructure</u></p> <ul style="list-style-type: none"> ▪ The Municipal Resource Recovery Infrastructure Investment Grants Program assists with the development of best practice facilities and tools to deliver the <i>Towards Zero Waste</i> 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. <i>(NB: Funding will assist in the recovery of all recyclable materials, not just consumer packaging materials.)</i> <ul style="list-style-type: none"> ➢ 2006-07 financial year <ul style="list-style-type: none"> ▪ \$1.9 million funding allocated ▪ 12 Projects to be completed (anticipated) ➢ 2007-08 financial year <ul style="list-style-type: none"> ▪ \$1.6 million funding allocated ▪ 18 Projects to be completed (anticipated) <p><u>Reporting</u></p> <p>a) Continue to conduct the annual Local Government Data Collection survey as part of annual NEPM reporting obligations to establish kerbside collection data</p> <p>b) Following on from work conducted in 2006 and 2007, continue to work other jurisdictions on a national data collection project (MRF project).</p> <p><u>Programs</u></p> <p>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> <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>

	e) Target an additional 10 councils taking up the Best Practice Kerbside Recycling Program by mid 2007.
Report against 2007-09 Action Plan Commitments	<p><u>Investment in Infrastructure</u></p> <ul style="list-style-type: none"> ▪ In 2006-07, 13 projects were completed which received a total of \$1.6 million in funding, diverting an estimated 32,000 tonnes of recyclable materials from landfill. <p><u>Reporting</u></p> <p>a) Please see attachment 1 for 2005-06 figures.</p> <p>b) Victoria continues to support a national materials re-processor data collection project being led by the Department of Environment and Climate Change, New South Wales. Results are expected in December 2007.</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"> ▪ A total of 662 organisations have achieved Waste Wise certification, including: <ul style="list-style-type: none"> - 159 schools - 296 business and government organisations - 207 events - reaching in excess of 1.8 million event goers across Victoria. ▪ 50% of business certifications in 2006-07 were from priority sectors (food services, CBD office sector and Small to Medium Enterprises) in the <i>Towards Zero Waste</i> strategy ▪ Business and government organisations diverted 51% waste from landfill, resulting in savings of: <ul style="list-style-type: none"> - 2823 tonnes of carbon dioxide - 58 megalitres of water ▪ Events diverted 31% of waste from landfill ▪ Schools diverted 4500 tonnes of waste <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"> ▪ Five projects with a total value of almost \$2.5 million have been approved for funding during the period, with over \$500,000 provided by the Victorian Government. ▪ A further 3 expressions of interest have been endorsed for potential funding in 2008. Project details can be found on the Covenant website at www.packagingcovenant.org.au. <p><u>Improved Systems</u></p> <p>e) 12 additional councils participated in the Best Practice Kerbside Recycling Program bringing the total to 54.</p>
KPI 10	Total weight of recycled consumer packaging sold to end-users.
2007-09 Action Plan Commitments	Not applicable to governments.

KPI 11	Number of Councils operating according to good practice collection principles and state-based benchmarks.
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 (fortnightly or weekly) organics collection services bringing the total to 32.</p> <p>5 councils are preparing to introduce an organics service, and another three councils are considering expanding the collection service to include household food organics recovery.</p> <p>Existing kerbside collection services recover over 250,000 tonnes per year. About 580,000 (37%) of the 1.58 million households with access to organics collection services, use it.</p>
KPI 12	Percentage of households with access to kerbside collection systems.
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	<p>In 2005-06, 95% of households had access to a kerbside recycling system. 2006-07 data will be available by the end of 2007.</p>
KPI 13	Percentage of households with access to other domestic collection systems.
2007-09 Action Plan Commitments	<p><i>(Local Governments to report against this KPI)</i></p> <p>The Victorian Government will maintain systems for collecting data from Victorian local councils for annual reporting against this KPI.</p>
Report against 2007-09 Action Plan Commitments	<p>Households without access to kerbside services – typically in rural locations – have drop off services available in their municipality.</p>
KPI 14	Number of commercial and industrial premises with packaging recycling collection systems.
2007-09 Action Plan Commitments	<p><i>(National Packaging Covenant Council is required to report against this KPI)</i></p>

	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	Over 2006-07, 12 projects were completed which received a total of \$1.5 million in funding. The projects are expected to deliver 162,000 tonnes of additional resource recovery from the commercial and industrial sector. 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.
KPI 15 Percentage of Councils and government agencies providing public place recycling infrastructure.	
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"> ▪ Updating Public Place Recycling guidelines; ▪ Promoting national retail project guidelines; ▪ Providing Public Place Recycling grants; ▪ Supporting guidelines, case studies and sustainability assessments in major venues; ▪ Supporting 'Resource Smart' signage guidelines 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 Commitments	a) The Local Government Data Survey indicates that 1,329 recycling bins were installed in 2005-06. Tonnages are not available. All government departments, plus EPA and Sustainability Victoria have recycling systems in place. Waste data will be tabled in Parliament on 30 October 2007. b) Sustainability Victoria: <ul style="list-style-type: none"> ▪ Updated Public Place Recycling Guidelines are available at www.sustainability.vic.gov.au ▪ Supported an EPA Queensland project to develop guidelines for major retail centres, including Highpoint Shopping Centre as a pilot site ▪ Coordinated public place recycling grants to high profile public sites managed by local government ▪ A cross section of major venues were engaged in the development of guidelines, case studies and sustainability impact assessments. ▪ Completed and promoted 'Away from Home' Waste Signage

	<p>Guidelines.</p> <p>c) Refer KPI 9D.</p>
KPI 16	Percentage of signatories providing recycling collection facilities for post-consumer packaging generated on-site.
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 9 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 9 Victorian Government departments (plus EPA and Sustainability Victoria) have recycling systems in place. These systems are in accordance with their Environmental Management System.</p>

GOAL 3 – CONSUMERS ABLE TO MAKE INFORMED DECISIONS ABOUT CONSUMPTION, USE AND DISPOSAL OF PACKAGING OF PRODUCTS.	
KPI 17 Amount and type of consumer packaging in the litter stream.	
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 www.kab.org.au .
KPI 18 Contamination rates in consumer packaging recovery systems (eg. kerbside, events, venues, public places, workplaces).	
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 11.3% in 2005-06. 2006-07 figures will be available in late 2007. b) A jurisdictional working group reviewed the methodology in April 2007 to ensure nationally consistent reporting. c) 207 events were certified as Waste Wise for 2006-07 financial year with 67 attracting over 5,000 visitors. Events are rated as gold silver or bronze, and the diversion rates (waste from landfill) for each are as follows: <ul style="list-style-type: none"> ▪ Gold (6 events): 76.5% diversion rate ▪ Silver (32 events): 47.0% diversion rate ▪ Bronze (169 events): 24.2% diversion rate Significant data collection improvements have been achieved over the reporting period. d) See KPI 9c.

KPI 19	Improvements in consumer knowledge about the functional attributes of packaging, including recyclability/reuse.
2007-09 Action Plan Commitments	Not applicable to governments.
KPI 20	Improvements in littering behaviour.
2007-09 Action Plan Commitments	<p>The Victorian Government will contribute to this KPI by:</p> <ul style="list-style-type: none"> 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. 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. 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. 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 (AVRWGM).</i> e) Supporting local authorities with litter management and enforcement through: <ul style="list-style-type: none"> ▪ The development of a Litter Enforcement Toolkit and accompanying workshops; ▪ The delivery of Illegal Dumping Forums to reduce and manage illegal dumping.
Report against 2007-09 Action Plan Commitments	<ul style="list-style-type: none"> a) In 2006-07, 14 projects totalling nearly \$170,000 were approved for 9 councils, 3 waste management groups and 2 community groups. Nine projects are in metropolitan areas and 5 are regional. b) A \$1.2million statewide campaign targeting cigarette butt litter was delivered in the lead up to, and after the smoking bans. Sustainability Victoria delivered: <ul style="list-style-type: none"> ▪ Information and butt bin rebates to licensed venues ▪ Education and support materials to local governments and Regional Waste Management Groups. ▪ An advertising and media campaign called 'Don't be a Tosser - Bin Your Butts' targeting smokers at priority sites.

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| | <p>c) Sustainability Victoria and EPA Victoria funded \$50,000 each for the development of the litter strategy in 2006–07 and 07–08. The strategy is due for release in 2008.</p> <p>d) Sustainability Victoria continues to manage the Victorian Litter Action Alliance (VLAA) Champion. Sustainability Victoria, EPA and other VLAA members provide \$254,000 of funding to the program which delivered:</p> <ul style="list-style-type: none">▪ A revised butt litter prevention kit, developed and distributed to coincide with the butt litter campaign run by Sustainability Victoria to prevent an increase in butt litter resulting from the 1 July 2007 smoking ban in licensed premises.▪ A series of capacity building programs.▪ 6 Cigarette Butt Litter Prevention workshops with over 100 attendees and coordinated capacity building activities with Department of Human Services reaching a further 113 officers. <p>e) <u>Litter Enforcement Toolkit</u>
EPA developed the Litter Enforcement Toolkit, a resource tool to assist litter enforcement officers and authorities (primarily local governments) to develop and implement strategies to tackle littering issues, and to assist and guide the use of Part VIIA of the <i>Environment Protection Act 1970</i>.</p> <p><u>Illegal Dumping Forums</u>
3 illegal dumping forums were delivered to over 80 participants, primarily from local government and other land management agencies, to help them develop effective illegal dumping programs. The forums were based on a VLAA kit published in 2006.</p> |
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GOAL 4 – SUPPLY CHAIN MEMBERS AND OTHER SIGNATORIES ABLE TO DEMONSTRATE HOW THEIR ACTIONS CONTRIBUTE TO GOALS (1)–(3) ABOVE.	
KPI 21	Estimated tonnage of consumer packaging recycled and sent to landfill respectively, from on-site collection facilities.
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: <ul style="list-style-type: none"> 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 2005-06, Departments generated 100 kilograms of waste per full time equivalent, and recycled 83% of that waste. 2006-07 data will be tabled in Parliament on the 30th of October 2007 and will be available from each Department's website.
KPI 22	Number of signatories who have formally adopted the ECoPP and developed systems for its implementation.
2007-09 Action Plan Commitments	<i>(National Packaging Covenant Council is required to report against this KPI)</i> Not applicable to governments.
KPI 23	Application of Covenant compliance procedures by NPCC to identify non-complying signatories.
2007-09 Action Plan Commitments	<i>(National Packaging Covenant Council is required to report against this KPI)</i> Not applicable to governments.
KPI 24	Implementation of NEPM procedures by jurisdictions.
2007-09 Action Plan Commitments	The Victorian Government will undertake the following actions to contribute to, and report against this KPI: <ul style="list-style-type: none"> 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 Action Plan Commitments	a) EPA maintains records of brand owners registered in Victoria. Records include signatories as well as non-signatories identified in the nation-wide brand owner audit, which EPA conducted as part of

	<p>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) EPA completed the brand owner audit in early 2007. The audit was part of a national approach that identified 355 companies registered in Victoria that were not signatories. <i>NB: Not all of the 355 companies are subject to the National Environment Protection Measure (NEPM). Some either fall under the \$5 million exemption threshold, or are not brand owners as per NEPM definitions.</i></p> <p>d) National Environment Protection Measure report complete and submitted to the National Environment Protection Council (NEPC) in September 2007.</p> <p>e) EPA regularly liaises with other jurisdictions to coordinate NEPM enforcement activities.</p>
KPI 25	Enforcement of the NEPM to “free-riders” and non-complying Covenant signatories.
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 commenced its enforcement activities in 2006 targeting over 60 signatories to the previous Covenant who had not re-signed. As a result, all brand owners either re-signed the Covenant or demonstrated an exemption under the \$5 million threshold.</p> <p>The brand owner audit completed in early 2007 (refer KPI 24c) identified a further 355 companies registered in Victoria. EPA implemented a comprehensive compliance program to inform companies of their options and obligations under the <i>Waste Management Policy (Used Packaging Materials)</i>. 280 companies have been contacted to date, increasing the number of Victorian signatories to 228, up from 149 in November 2006.</p> <p>c) EPA sent 5 draft Pollution Abatement Notices to non-signatories. Companies responded to the notice therefore formal enforcement actions have not been necessary.</p>
KPI 26	Implementation of Buy Recycled purchasing policy or practices.
2007-09 Action	The Victorian Government will contribute to this KPI by:

<p>Plan Commitments</p>	<ul style="list-style-type: none"> 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"> o Incorporate environmental purchasing in procurement, planning and tender procedures, and o Consider the environmental impact in the selection of goods and services. b) Revising its procurement policy and developing appropriate metrics. c) Delivering environmental purchasing considerations into PACCER training for Victorian Government procurement officers. d) Proving funding and support for the ECO-Buy environmental purchasing program.
<p>Report against 2007-09 Action Plan Commitments</p>	<ul style="list-style-type: none"> a) Principle 1 of the Victorian Government Purchasing Board Environmental Procurement Policy states: <ul style="list-style-type: none"> 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. b) The policy was not scheduled for review in 2007, however support principles and policy implementation tools were developed during the period. c) Environmental procurement policy and guidelines will be incorporated into training delivered to government purchasing officers. 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 & Department of Sustainability and Environment will support development of programs delivered to state, local government and business to expand environmental purchasing programs.

GOAL 5 – ALL SIGNATORIES DEMONSTRATE CONTINUOUS IMPROVEMENT IN THEIR MANAGEMENT OF PACKAGING THROUGH THEIR INDIVIDUAL ACTION PLANS AND ANNUAL REPORTS.	
KPI 27 Establishment of baseline performance data.	
2007-09 Action Plan Commitments	The Victorian Government will implement this KPI by: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> a) Complete b) EPA contributed to a comprehensive jurisdictional review in April 2007.
KPI 28 Annual Reporting against Action Plan.	
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
KPI 29 Demonstrated improvement and achievements against individual targets & milestones.	
2007-09 Action Plan Commitments	The Victorian Government is committed to: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> a) EPA maintains records on all Covenant and NEPM enforcement activities. EPA is also leading 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.

KPI 30	Additional Actions
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"> 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>. b) Implement an EMS to reduce their office-based environmental impact of waste production, paper consumption, energy use, transportation and water consumption. c) Comply with the Victorian Government's Green Purchasing policy. d) Commission an independent environmental auditor to audit implementation of their EMS. e) As per KPI 21, commence development of consistent methodology for waste audits (including consumer packaging and paper) of Government premises. 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.
Report against 2007-09 Action Plan Commitments	<ul style="list-style-type: none"> a) Financial Reporting Direction 24B (FRD24B) 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. From 2007-08 the FRD24C guidelines will require all departments to report the units of waste disposed of per FTE by waste category, and the total units of waste disposed by category. 2006-07 data will be tabled in Parliament on 30 October 2007. b) Each government department (plus EPA and Sustainability Victoria) is committed to implementing an EMS under the Whole of Government Environmental Management System program. 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 FRD24 reporting guidelines. d) An annual independent audit of the Victorian Government EMS is conducted.

	<p>e) A 24-hour waste audit conducted at each of the entities constituting the inner Victorian Government was the minimum methodology requirement, however the Victorian Government is committed to working towards enhancing waste data collection methodology throughout 2007-08.</p> <p>f) A Victorian Government EMS Coordinators meeting is held monthly with EPA & Sustainability Victoria attendees. Covenant information is regularly provided to attendees.</p>
KPI 31	Additional Actions
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"> ▪ Victorian Jurisdictional Projects Group (JPG) ▪ National Projects Group (NPG) ▪ National Packaging Covenant Council (NPCC).
Report against 2007-09 Action Plan Commitments	<ul style="list-style-type: none"> ▪ EPA Victoria (as chair) and Sustainability Victoria representatives are part of the Victorian Jurisdictional Projects Group (JPG). ▪ A Sustainability Victoria representative is on the National Projects Group (NPG). ▪ Mick Bourke, Chairman EPA Victoria sits on the National Packaging Covenant Council as the Environment Protection Heritage Council (EPHC) representative.

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Attachment 1

Amounts of materials collected at the kerbside, sent for secondary use/energy recovery and contamination disposed to landfill.

NB: Figures below are for 2005-06.

2006-07 figures will be available from the publications section of www.sustainability.vic.gov.au

Code	Material Type	Residential kerbside recycling collected (in tonnes)	Residential kerbside recycling sold or sent for secondary use including energy recovery (in tonnes)	Residential kerbside recycling residual fraction (contaminants) disposed of to landfill
A081	Paper – white office	3,980.30	3,566.00	414.3
A00	Paper mixed	264,580.10	236,979.80	27,600.30
A01	Cardboard	90,460.90	81,046.50	9,414.40
A06	Liquid Paper Board	2,894.70	2,593.50	301.2
D0121	Glass White	66,353.60	55,772.60	10,581.00
D0122	Glass Green	32,906.00	27,658.70	5,247.30
D0123	Glass Brown	36,156.00	30,390.40	5,765.60
E01	PET	14,869.40	14,760.60	108.8
E0221	HDPE (clear/opaque)	10,234.00	10,159.10	74.9
E0222	HDPE (coloured)	1,597.20	1,585.50	11.7
E03	PVC	1,000.80	993.5	7.3
E07	Other Plastics	8,042.40	7,983.50	58.8
G01	Aluminium (cans)	4,712.80	3,961.30	751.5
F01	Steel (cans, tins etc)	16,966.20	14,260.70	2,705.50
	Other (please specify)			
	TOTAL	554754.4	491711.7	63042.6