



ECO BUY

THE STATE OF VICTORIAN LOCAL GOVERNMENT GREEN PURCHASING IN 2009/10

An analysis of green purchasing by Victorian Local Governments
under the ECO-Buy Local Government Program



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1. Foreword

Welcome to the tenth ECO-Buy State of Victorian Local Government Green Purchasing Report for 2009-10.

Sustainability now stands out as the next big revolution in the way organisations procure things. There are a number of drivers for sustainable procurement such as community expectations, environmental risk exposure and the marketing advantage of being a greener organisation. These drivers have been around for a while but are increasingly coming into focus and now combined with the impact of the forthcoming price on carbon, this revolution is gaining momentum as the cost advantage of more sustainable procurement grows.

In this context it is important to recognise the progress that has been made by local government members of ECO-Buy after a decade of developing expertise in this area. This achievement is unique in Australia as a commitment to sustainable procurement. It represents a long term shift in the direction of Victorian local governments aimed at reducing environmental impact and creating more sustainable communities, and means that local government in Victoria is well on the way to making sustainable procurement 'business as usual'.

As we work with the Baillieu Government in Victoria which has an ambitious program of infrastructure development, it is important to ensure that these capital works, which will be around for decades, are built sustainably. This commitment includes the \$1 Billion Regional Growth Fund of which 40% is to be made available to local government infrastructure and local projects.

Increasingly it is recognised that, in an era of economic constraints and value for money, sustainable procurement represents smarter buying that is about: buying to last, buying to avoid operational costs and buying to drive long term market changes.

In 2009-10 this has helped stimulate increased spending in areas such as fleet operations where running costs (and total cost of ownership) become increasingly part of the procurement decision making process. As energy prices continue to rise and as we progress towards a price on carbon it is clear that the financial benefits of buying less carbon intensive products will increase further and faster. So the work that ECO-Buy members are already doing to green their contracts and tenders means that they are well placed to respond to these drivers.

As ECO-Buy Ltd moves towards financial viability it is grateful to all of its local government members which continue to recognise the value of the membership. ECO-Buy in turn will continue to evolve and develop expertise to meet the changing needs of local government in this area through innovation and leading practice.

Congratulations to all of our local government members who have contributed to what is still a unique and leading edge report.

Mike Hill, Chair, ECO-Buy Ltd



2. Introduction

ECO-Buy aims to protect and enhance the environment by encouraging the increased demand for, and use of, environmentally preferred products and services. We do this by operating as a Centre of Excellence in Environmental Purchasing, and influencing the market towards environmentally preferable choices by providing purchasing organisations with effective information, knowledge and tools.

The ongoing success of the State Government Program, Business Program and supplier database ECO-Find, ECO-Buy's influence continues to grow. But it is the strength of the ECO-Buy Local Government Program that has paved the way for other levels of government and for business. The annual reporting process is a cornerstone of this success, allowing us to monitor green purchasing progress over nearly a decade and observe emerging green product trends and opportunities.

This tenth ECO-Buy Local Government Annual Report details the green purchasing activities of 39 of ECO-Buy's 55 member councils in 2009/10, and highlights once again the progress made across many areas.

When the program began in 2000/01, members' expenditure on green products was \$5 million, and was exclusively spent on recycled content products. As this report shows, this figure has increased over the last eight years to at least \$73.2 million spent across a broad range of green products in 2009/2010.

This expenditure is complemented by good practice in implementing important elements of ECO-Buy's green purchasing program such as adopting Green Purchasing Policies and annual Action Plans, forming green purchasing Working Groups and including green specifications in contracts – all of which contribute to more environmentally preferable outcomes.

The green purchasing results outlined in this report are a demonstration to communities, businesses and other levels of government of what can be achieved with a genuine commitment to our environment and health into the future.

2.1. Tenth year headline accomplishments

The impressive green purchasing results in 2009/10 add to ECO-Buy's track record of success in supporting significant green purchasing outcomes in Victorian local governments since 2000. Cumulative ten year headline accomplishments for the ECO-Buy Program are shown below.

NINE YEAR HEADLINE ACCOMPLISHMENTS 2000/01 – 2009/10

Total Annual Reports submitted by local government members	356
Expenditure on green products since 2000	\$ 523,602,507

3. Key findings

- o There were 55 members of the ECO-Buy Local Government Program in 2009/10
- o Demonstrating leadership and environmental concern are seen as the key drivers for local government members to undertake green purchasing
- o Members have invested over \$ 67,4 million in environmentally preferred products in 2009/10 – which reflects a \$ 5,8 million drop from 2008/09, however the average expenditure has remained the same.
- o 65 percent of member reported to ECO-Buy in 2009/10 (5 percent lower than 2008/09), reflecting the continuing difficulty in collecting and reporting green purchasing expenditure
- o Over 37,500 tonnes of CO²e were avoided 9,9 giga litres of water and 84 hectares of land saved through the combined purchase of recycled content asphalt, compost, mobile garbage bins and paper,
- o The number of green products purchased by members has grown from 80 in 2000/01 to over 430 in 2009/10
- o Recycled product spend has increased by \$3.3 million since 2008/09, in part due to the increase in fleet management products.
- o There is a decrease of over \$4.5 million in greenhouse friendly products in 2009/10 compared to 2008/09. This is indicative of the large amount of investment in the previous year on one off purchases that do not require annual replacement, such as vehicles and hot water saving products.
- o Investment in water saving products has dropped by 44 percent. The previous 2 years saw a large amount of investment in water tanks and water systems which are one off or periodic purchases. This may explain the reduced spending in these categories.
- o Spending in fleet management has increased in excess of \$3.2 million, mainly through the purchasing of biodiesel.
- o Reported spending in green cleaning products is 47 times higher than the previous reporting year, increasing to \$948,701.
- o 77 Percent of members are making good progress in developing policies and strategies that will help them embed green procurement within their organisation. Fifteen percent scored Gold level in the policy dimension of the Sustainable Procurement Assessment Tool (SPAT) through their own self-assessment.
- o 23 members have analysed their expenditure, with the majority of the remaining councils in the process of completing this analysis.
- o 19 Percent of members have scored silver during self-assessment of their measurement and results in the SPAT

The full findings of the 2009/10 State of Local Government Green Purchasing is presented in the following sections.

4. ECO-Buy Excellence in Green Purchasing 2011 Awards

As the only event in Australian that is dedicated to celebrating success in environmental purchasing, recognition is given every year to the achievements of members.

This year changes have been made to the award categories to reflect the implementation the ECO-Buy Sustainable Procurement Assessment Tool (SPAT). The tool was developed to help organisations assess their performance in reducing environmental, social and economic impacts through their green purchasing. Some of the aspects of green procurement that are covered are policy and measurement. This tool is designed to be used annually to establish a means of benchmarking performance.

There are also two specific awards for Local Government that is based on the expenditure of reporting members. These are determined with the following methodology.

METHODOLOGY FOR DETERMINING AWARD RECIPIENTS

Council A spends \$1.5 million on green products in 2009/2010

Total available expenditure for Council A is \$73 million for 2009/2010

Percentage of available expenditure spent on green products for 2009/2010 is 4 percent

The local government with the largest percentage wins the award.

This year's awards ceremony was held on 2 June 2011 at the Artshouse Meat Market, North Melbourne, with the following Awards presented to local government members:

Award	Winner	%
Excellence in Green Purchasing – Measurement and continual improvement	Cardinia Shire Council	n/a
Excellence in Green Purchasing by a Metropolitan Council	Whitehorse City Council	12%
Excellence in Green Purchasing by a Regional Council	Alpine Shire	10%

We would also like to acknowledge all the local government finalists

- Buloke Shire Council
- City of Boroondara
- City of Maroondah
- Frankston City Council
- Glen Eira City Council
- Kingston City Council, and
- Mt Buller and Mt Stirling Alpine Resort Management Board

Special recognition is also made of Kingston City Council as the only Local Government Finalist for the Excellence in Green Purchasing – Overall Champion Award.

5. About the Reporting Process

Reporting annual expenditure of green products is a key requirement of membership to the ECO-Buy Local Government Program. However, the benefits of tracking and reporting green spend are much broader in that it:

- o Assists organisations to monitor their green purchasing year to year, allowing them to benchmark progress, monitor the implementation of their Green Purchasing Policy and Action Plan and set targets for increasing green purchasing
- o Assists organisations to identify what green products they are currently buying, and where opportunities exist to expand the range of green products being purchased

- o Supports internal monitoring and reporting on the implementation of sustainability programs (e.g. Climate Change Action Plans)
- o Helps to quantify the environmental benefits achieved through green purchasing
- o Assists organisations to communicate green purchasing successes in tangible terms and seek recognition for achievements (e.g. at the ECO-Buy annual awards for Excellence in Green Purchasing).

5.1. Part one – Sustainable Procurement Assessment Tool (SPAT)

Part one of the SPAT requires members to provide a self-assessment of their progress in implementing a green purchasing program within their organisation, and auditing the supply chain practices. It focuses on 5 dimensions of sustainable purchasing including:

- o People – e.g. presence of a champion to lead on sustainable procurement
- o Policy – e.g. establishment of sustainable procurement policy and action plans
- o Procurement process – e.g. understand the organisation’s sustainability impacts of procurement and considering sustainability criteria in tenders and contracts
- o Engaging with suppliers – e.g. communication and assessment of the sustainability of suppliers
- o Measurement and results – e.g. the use of tools to track and report on sustainable procurement

There are 21 questions which are scored on a rating of one to five, five being the highest.

5.2. Part two – green product expenditure

The primary indicator used by ECO-Buy to track green purchasing progress is the annual expenditure on green products, also known as ‘green spend’. Part two of the report requires members to track and report their annual green spend for an entire financial year. ECO-Buy has set criteria around the types of products that qualify as ‘green’.

WHAT CAN BE REPORTED

- o Products with 10 percent or higher recycled content
- o Equipment with 4 stars or higher energy rating (as per the Energy Rating scheme)
- o Products that save energy
- o Products with 4 stars or higher gas rating (as per the Gas Rating scheme)
- o Products with 4 stars or higher water rating (as per the WELS scheme)
- o Vehicles that have 4 stars or higher as per the Green Vehicle Guide, or downsized vehicles (e.g. 6 cylinder to 4 cylinder cars)
- o Products that are non or low toxic, water saving, sourced from renewable resources, are compostable, biodegradable or certified organic
- o Refurbished or second-hand products
- o Accredited Green Power and Renewable Energy Certificates.

WHAT CANNOT BE REPORTED

- o GST is excluded from all reported expenditure
- o Investment in services (e.g. wood chipping, e-waste recycling)
- o The provision of environmental advice to councils (e.g. energy audits)
- o Installation costs from contracts that include green products
- o Training, theatrical performances used to promote environmental programs
- o Products used to promote environmental programs (thermometers, timers, publications etc) UNLESS they are less damaging to the environment and/or health than other similar products
- o Waste management products (ashtrays, litter bins etc) UNLESS they are less damaging to the environment and/or health than other similar products (e.g. contain recycled content)
- o Staff salaries.

5.3. Reporting categories

Determining what makes a product 'green' can be a confusing area, particularly in an era of increasing green marketing and 'greenwash'. ECO-Buy works from the premise that every product purchased impacts the environment in some way. Our definition of a green product is one that is less damaging for the environment and/or human health than competing products that serve the same purpose.

In order to simplify the reporting process and enable benchmarking year on year, ECO-Buy uses the following categories to capture green product expenditure:

- Recycled
- Greenhouse Friendly
- Other Green
- Refurbished and Second Hand
- Green Power

5.4. Data consistency

It is important to note that direct comparisons between different reporting years are constrained by changes in the ECO-Buy reporting template over time. In 2000/01 and 2001/02, only spending on recycled content products under the then Local Government Buy Recycled Alliance was reported.

It is also worth noting that different numbers of members have submitted annual reports each year (see Appendix), and the range of products that can be reported on has increased in a number of different reporting templates over the last nine years due to an increase in the range and availability of green products.

In early 2007 a review of the reporting template was undertaken. A range of changes were made as a result of this review, including removing reused products, products with a sleep function (energy star), Green Fleet carbon offsetting, and excluding GST costs.

Following these changes, the reporting template is now in its fourth year of use, and allows results since then to be benchmarked against previous years.

Significant changes in the 2008/09 reporting template include a review of the 'total budget' figure. Prior to that, members have reported their projected annual budget for that financial year. However there were some concerns that members were interpreting this guidance inconsistently.

In a bid to create a consistent framework to which all members reported, total expenditure figures are now derived from council's Annual Report financial statements and are calculated as the total revenue for that financial year (including recurrent and non-recurrent revenue) less employee benefits (excluding contractors) and less depreciation.

5.5. Challenges in reporting

ECO-Buy members continue to experience some difficulty in tracking and recording their green purchases. When reading this report it is important to keep in mind that some members are capturing only part of their actual expenditure, and the figures provided are best possible assessments of current green purchasing expenditure. It is therefore more likely that this report under represents rather than over represents spending on green products by local government members.

The historical challenges to reporting full and accurate green purchasing expenditure, as under decentralised purchasing systems ECO-Buy coordinators rely on data capture of green purchases by all staff, who are each responsible for recording the green features of a product when they record each purchase they make. Contractors, who purchase green products on behalf of a local government, also rarely collect and report green purchasing data for what can be large scale capital works projects of considerable expenditure.

While most organisations report only on parameters such as energy and water use and waste production, Victorian local governments report on their green purchasing more comprehensively than any other sector. Therefore, while

the reporting process isn't simple or perfect, it is a unique record of quantified green purchasing expenditure data. ECO-Buy will also continue to help members improve the accuracy of their tracking and reporting of green product purchases over time, as well as improving the value of the reporting process to members.

6. Expenditure Findings

This report covers the period from July 2009 to June 2010. At the end of the 2009/2010 year there were 55 member councils participating in the program.

TABLE 1 – RETURN RATES

	Expected to return a report	Returned a report	Completed both sections	Completed Part One SPAT	Completed Part Two	Did not return a report
2000/01	30	25 (83%)	24 (80%)	25 (83%)	24 (80%)	5 (17%)
2001/02	42	38 (90%)	30 (71%)	38 (90%)	30 (70%)	4 (10%)
2002/03	48	42 (88%)	39 (81%)	41 (85%)	40 (83%)	6 (13%)
2003/04	50	45 (90%)	40 (80%)	43 (86%)	42 (84%)	5 (10%)
2004/05	59	54 (92%)	41 (69%)	49 (83%)	46 (78%)	5 (8%)
2005/06	62	54 (87%)	41 (66%)	49 (59%)	52 (83%)	5 (8%)
2006/07	59	54 (91%)	53 (90%)	54 (91%)	53 (90%)	5 (8%)
2007/08	59	47 (80%)	42 (71%)	38 (64%)	46 (78%)	12 (20%)
2008/09	56	39 (70%)	39 (70%)	39 (70%)	39 (70%)	17 (30%)
2009/10	55	36 (65%)	35 (64%)	35 (64%)	36 (65%)	19 (35%)

Members were asked to return their completed report by 18 September 2010. Of the 55 members in the 2009/10 year, 35 (64 percent) completed Part One of the SPAT and an expenditure report. 19 members (35 percent) did not complete either report. This represents 12 percent fewer submissions than in 2008/2009 and is indicative of the challenges involved in collecting and reporting green purchasing expenditure.

This report therefore represents 65 percent of ECO-Buy local government members' green purchasing expenditure and is a snapshot of the true extent of green purchasing within the ECO-Buy program, and amongst all 79 Victorian local governments.

6.1. Quantifying the environmental benefits of green purchasing

In 2007, ECO-Buy engaged the Centre for Design at RMIT University to develop a methodology for quantifying the environmental outcomes of purchasing environmentally preferable products. The project included life cycle analysis of some of the top expenditure areas in the Local Government Green Purchasing Report, the results of which are included below.

To capture the environmental savings from these product purchases, their tracking system must be able to record the quantity or volumes purchased (e.g. cubic metres/tonnes or number of reams etc).

New to this year's quantification data green power has been added. As more local governments purchase green power it has been added to the environmental savings to demonstrate the impact purchasing green power makes to reduce a local government's impact on climate change.

ECO-Buy's 36 reporting local government members brought about the following environmental savings in 2009/2010 through their combined purchasing of just five product types.

TABLE 2 – QUANTIFIED ENVIRONMENTAL SAVINGS THROUGH KEY GREEN PRODUCT PURCHASES

Product	Quantity	Greenhouse gas savings (tonnes)	Land use savings (ha)	Water savings (litres)
Asphalt	24,434 m ³	88,816	-	-
Compost	20,601 m ³	6,122,397	31.3	9,879,982
Mobile garbage bins	82,336 units	916,163	-	-
Paper	164,280 reams	40,590	52.2	-
Green Power	24,505,364 kWh	30,141,598		
Cumulative savings		37,309,564	84	9,879,982

- indicates where an environmental saving is not relevant, or where life cycle assessment data is poor quality or does not contain information on water or land use impacts for the product type.

Asphalt: The environmental benefit is based on typical 10 percent recycled content with a 20:1 bitumen ratio.

Compost: Environmental benefits are based on the avoidance of 2.2 tonnes of organic matter from landfill for every tonne of compost purchased.

Paper: Greenhouse and land use savings are based on reported number of reams of paper.

Mobile Garbage Bins: The environmental benefit is based on a typical 240L MGB with 30 percent recycled content compared to an equivalent sized virgin plastic content bin.

Green Power: The environmental benefit is based on the calculation for Victoria from the Department for Climate Change and Energy Efficiency (National Green House Factors July 2010) x kWh Green Power x 1.23 kg CO₂-e = y kg CO₂-e

6.2. Total expenditure on green products

In the ten years that local government members have been reporting the number of products that can be reported has grown from approximately 80 products in 2000/2001 to around 400 different green products in 2009/2010. As is expected the main growth areas are 'green house' and 'other green' categories are responsible for this growth.

CASE STUDY 1 – WHITEHORSE CITY COUNCIL INCREASING GREEN SPEND



7.6kW solar PV System on Box Hill Town Hall

Compared with the previous financial year, the council increased its green product spend, by an impressive 33 percent to reach just under 12 percent green spend as a percentage of total available expenditure.

This outstanding result is the product of a concerted and committed effort by the City Whitehorse to progressively embed green procurement practices into the corporate culture over the last decade.

The City of Whitehorse has formalised the actions, timeframes and responsibilities needed for this shift in its Sustainability Strategy, which shows a clear pathway to achieving the Council's target of at least thirty percent green spend.

Another key success factor is that sustainable procurement practices are not sole responsibility of Council's procurement department.

The capital works, finance and contracts team are equally committed to ensuring sustainability criteria are applied.

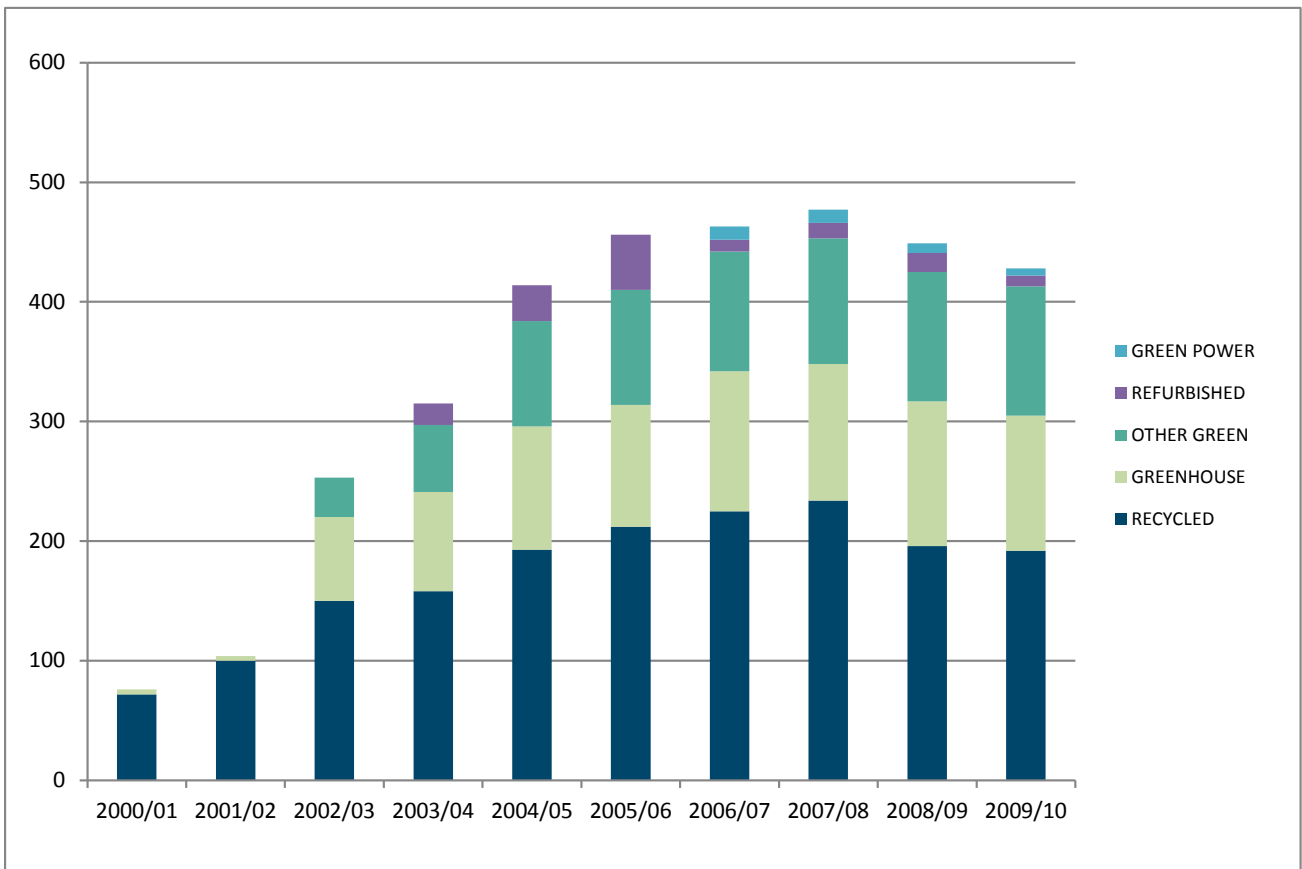
This is reflected in the size of some of the green investments. \$2.4 million were spent on recycled asphalt in road and footpath projects in 2009-2010, an outstanding result driven through a tender that favoured suppliers with the capability and experience to deliver a product that was significantly less damaging to the environment. A minimum of 20% recycled asphalt was specified, which goes beyond the recycled level allowed by VicRoads for unconditional use.

Local government members have spent over \$523million on green products since the beginning of the ECO-Buy Local Government Program. In 2009/2010, members invested an impressive \$67.4 million on products which reduce negative impacts on the environment.

This is a decrease from the previous year’s expenditure of \$5.9 million. Though this figure may not seem encouraging it is important to note that as members progress through the implementation of green procurement some categories will report a lower spend due to the reduced need to invest in green. These investments in products the save water and energy are not annual purchases as they will last a number of years before they need replacement.

While this report uses expenditure results to assess the state of Local Government green purchasing, it should be noted that successful green purchasing can often lead to environmental benefits from decreasing the amount of products purchased.

GRAPH 1 – NUMBERS OF PRODUCTS REPORTED OVER TIME



GRAPH 2 – TOTAL EXPENDITURE ON GREEN PRODUCTS 2000/01 – 2009/2010

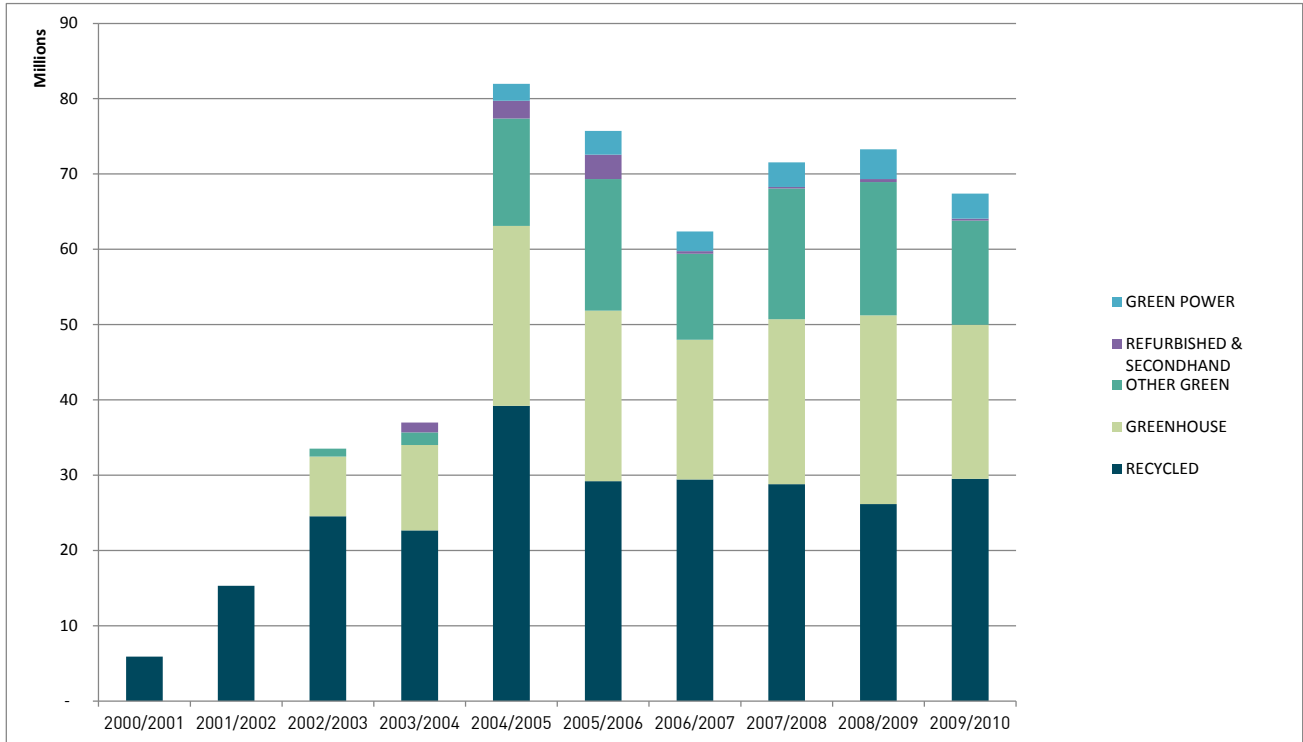


TABLE 3 – TOTAL EXPENDITURE ON GREEN PRODUCTS 2000/01 – 2009/2010

	Recycled	Greenhouse	Other green	Refurbished and second-hand	Green Power	Total (\$)
2000/01	5,914,164					5,914,164
2001/02	15,302,295					15,302,295
2002/03	24,533,043	7,933,446	1,063,938			33,126,424
2003/04	22,670,556	11,341,947	1,679,982	1,295,068*		36,987,548
2004/05	39,204,717	23,900,073	14,261,247	2,357,201*	2,242,323^	81,965,561
2005/06	29,198,300	22,660,232	17,483,792	3,303,530*	3,177,981^	75,734,797
2006/07	29,444,457	18,551,167	11,409,229	348,204	2,599,778	62,352,834
2007/2008	28,802,092	21,915,945	17,361,836	188,215	3,278,475	71,546,563
2008/2009	26,165,037	25,051,190	17,728,416	379,528	3,952,065	73,276,236
2009/2010	29,505,725	20,480,156	13,832,172	254,633	3,323,399	67,396,085

* Figure included calculated dollar values for reused products, which were removed from the reporting template in 2006/07

^ Figure included Green Power service charges, which were removed from the reporting template in 2006/07

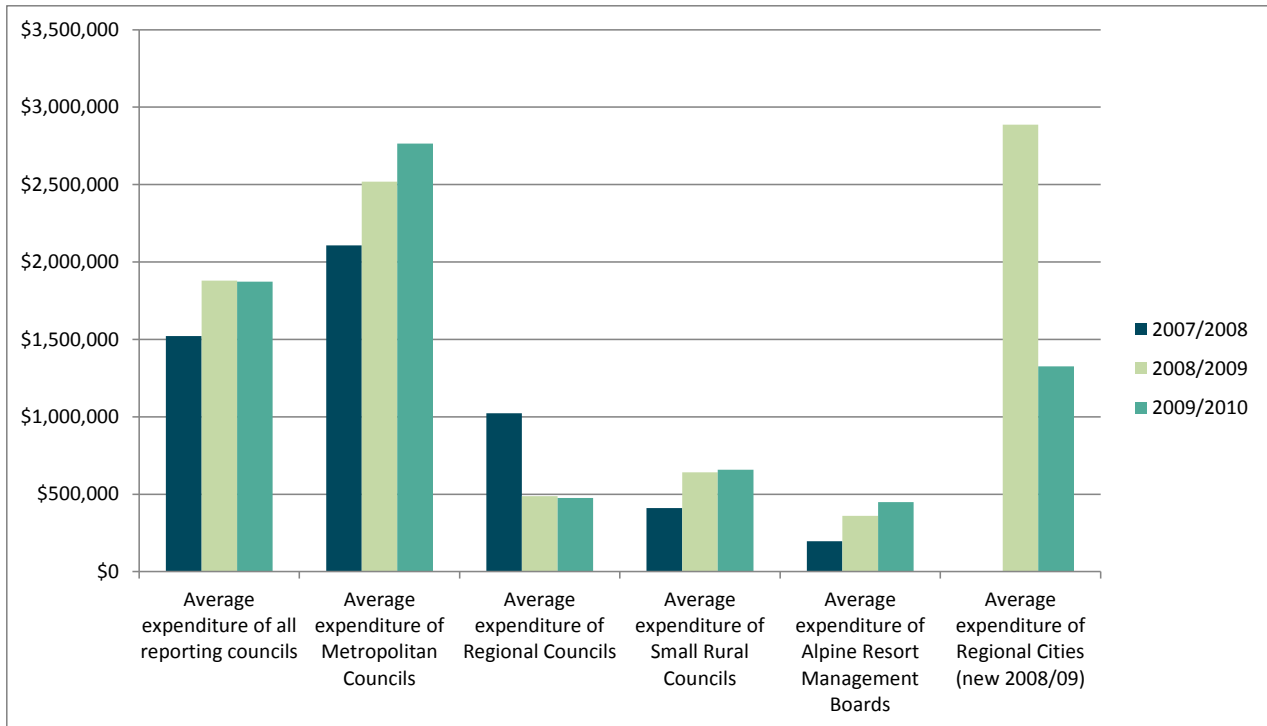
TABLE 4 – CUMULATIVE TOTAL SPEND BY PRODUCT CATEGORY 2000/2001 – 2009/2010

Green product category	Cumulative reported expenditure (\$ million)
Recycled	251
Greenhouse Friendly,	152
Other green	95
Refurbished and second-hand	8
Green Power	18
Total	523

6.3. Benchmarked green purchasing results – council category

Benchmarking green purchasing results against year-to-year performance is useful for establishing key trends. However, comparing results against the average expenditure, total available budget and rateable properties of all ECO-Buy local government members is also useful for making comparisons across different sized/resourced councils.

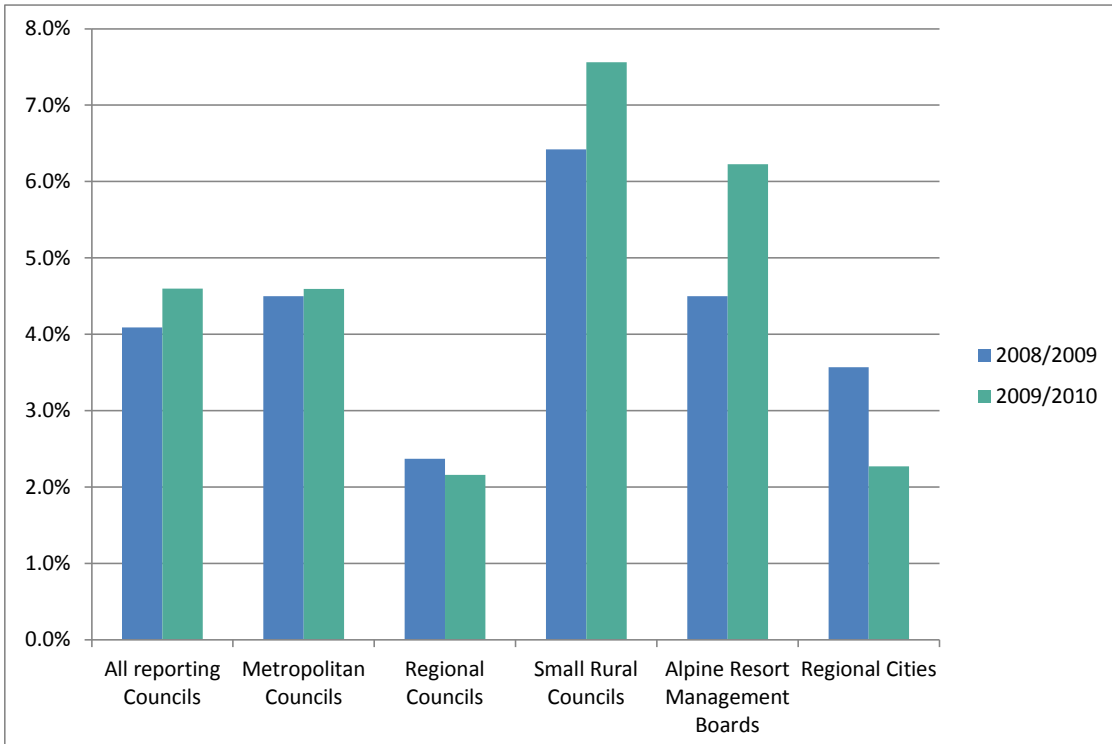
GRAPH 3 – AVERAGE EXPENDITURE BY COUNCIL CATEGORY 2007/2008-2009/2010



^Regional cities were a new council category in 2008/2009 and have been removed from the 'regional council' category.

It is positive to see that the average expenditure on green products has increased for all council categories in 2009/2010 with the exception of regional councils and cities. This is primarily due to the removal of regional cities into its own category and who on average have a much higher expenditure on green products than regional councils – bringing the average down significantly for regional councils. Though in 2009/10 there were less regional cities reporting accounting for the over fifty percent drop in expenditure.

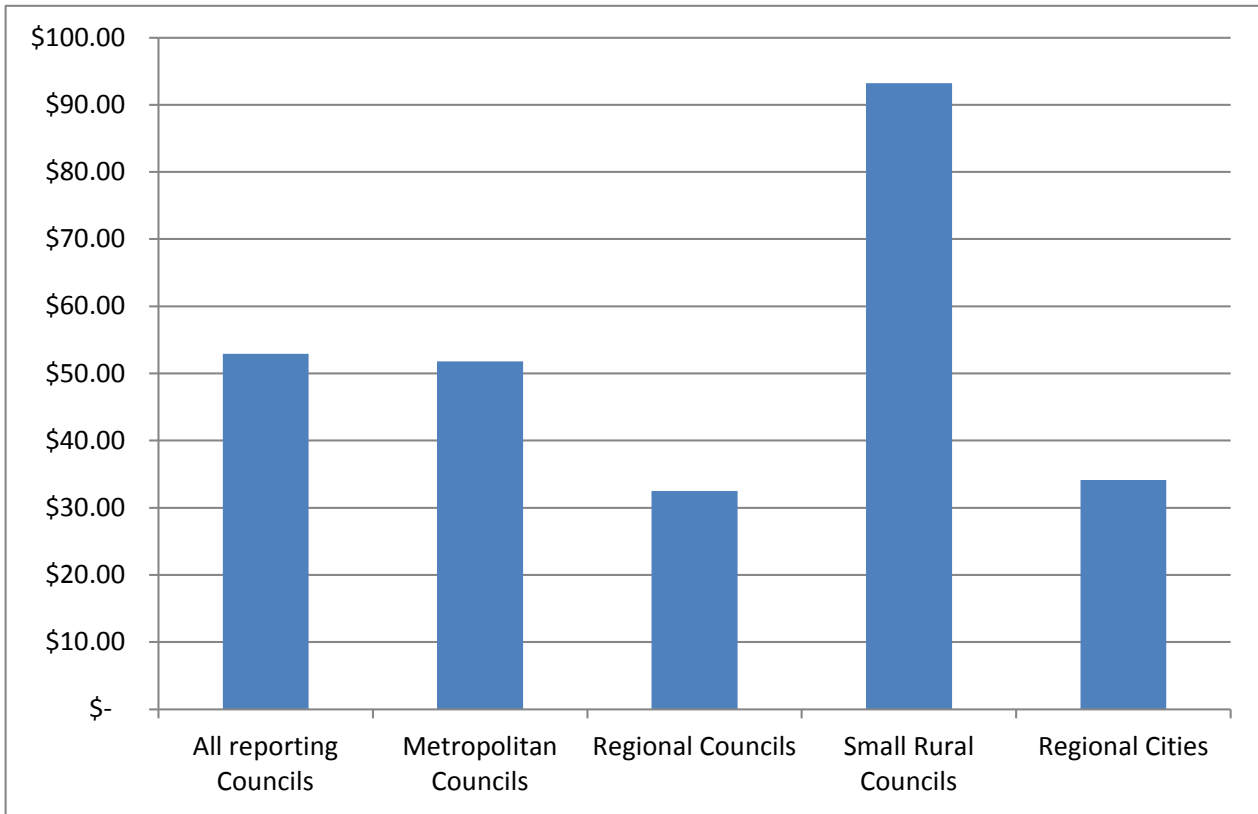
GRAPH 4 – AVERAGE GREEN SPENDING AS PERCENTAGE OF TOTAL AVAILABLE EXPENDITURE



The average reported spending on environmentally preferable products as a percentage of total available expenditure (all councils) is 4.6 percent for 2009/2010. The methodology for calculating total available expenditure changed in 2008/2009, allowing results now to be benchmarked with 2010/2011 results. We can report that small rural councils are on average spending the highest percentage of available expenditure on green products (7.56%) followed by Alpine Resort Management Boards and metropolitan councils (6.23%).

The average green spending per rateable property for local government members is \$47 (up from \$45 in 2008/09), but ranges between extremes of \$2 up to \$127 reported green spend per rateable property in different local governments. The results shows that small rural councils are again performing the best with the average of \$93 green spend per rateable property. As Alpine Resort Management Boards do not have rateable properties they are excluded from this analysis.

GRAPH 5 – AVERAGE GREEN SPENDING PER RATEABLE PROPERTY



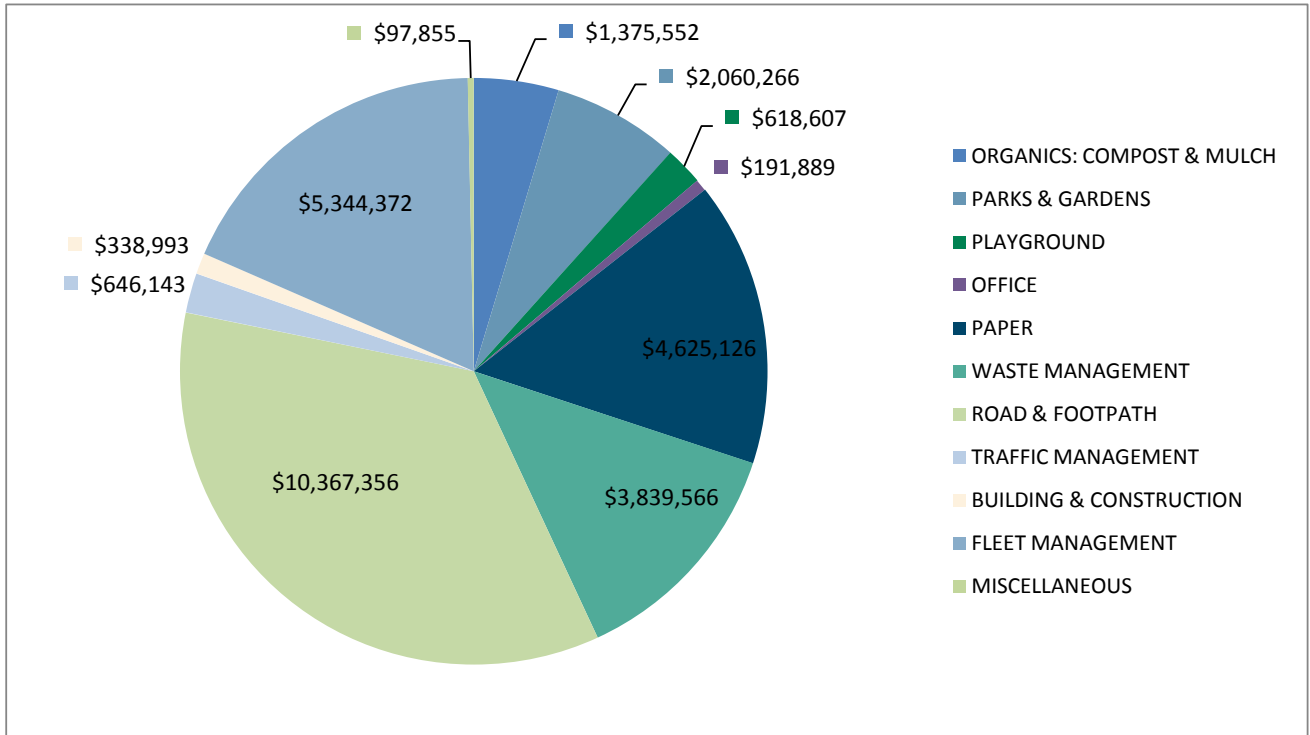
6.4. Recycled product purchasing

Total expenditure on recycled content products was \$29,505,725. This is up on the recycled content product expenditure of 2008/09. There were increases in the purchase of recycled products for parks and gardens, roads and footpaths, waste management, building and construction, and fleet management. This includes increased spending on decking, recycled timber, rubber top, cement, crushed concrete and glass, and biodiesel.

TABLE 5 – RECYCLED PRODUCT EXPENDITURE 2000/01 – 2009/2010

	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/2010
Organics: Compost & Mulch	1,456,945	1,193,927	2,359,483	2,643,645	3,145,110	1,928,246	1,477,870	1,375,552
Parks & Gardens	591,075	546,194	1,032,252	1,123,504	915,537	1,399,794	1,303,089	2,060,266
Playground	364,397	300,351	739,880	1,294,322	830,773	495,352	668,090	618,607
Office	252,130	352,569	598,531	632,439	452,632	534,954	241,089	191,889
Paper	2,210,100	2,692,968	4,894,953	6,062,132	5,122,601	4,864,844	4,407,313	4,625,126
Waste Management	11,253,978	11,648,135	7,806,132	7,410,717	7,698,654	5,698,037	5,093,535	3,839,566
Road & Footpath	7,462,574	5,046,481	6,336,624	4,527,057	8,725,185	10,926,160	9,530,644	10,367,356
Traffic Management	461,287	361,720	354,063	661,435	538,162	689,548	877,265	646,143
Building & Construction	246,354	94,750	14,561,953	4,372,980	947,322	562,065	259,572	338,993
Fleet Management	221,653	155,880	411,462	377,127	665,056	1,406,844	2,120,565	5,344,372
Miscellaneous	12,550	277,581	109,384	92,942	403,425	296,248	186,005	97,855
Total (\$)	24,533,043	22,670,556	39,204,717	29,198,300	29,444,457	28,802,092	26,165,037	29,505,725

GRAPH 6 – RECYCLED PRODUCT EXPENDITURE 2009/2010



6.5. Greenhouse friendly product purchasing

Greenhouse friendly products are defined as those that create fewer greenhouse gas emissions in their operation. More local governments are developing greenhouse action plans and purchasing goods and services that reduce their emissions will help them to reach their targets. A carbon price is being introduced to help Australia to reduce its carbon emissions, so those local governments that are already taking action are placing themselves ahead of the game.

There has been a decrease of \$4.6 million in purchasing of greenhouse friendly products from 2008/09. This figure is not necessarily a bad reflection on local government green spending. In 2008/09 there was a lot of investment in fuel efficient vehicles, gas energy rated products, hot water saving products and in building and construction. The nature of these products means that they are not necessarily annual purchases and expenditure may vary from year to year. Where there has been increased spending is in solar lighting, sensor lighting, street lighting and fuels.

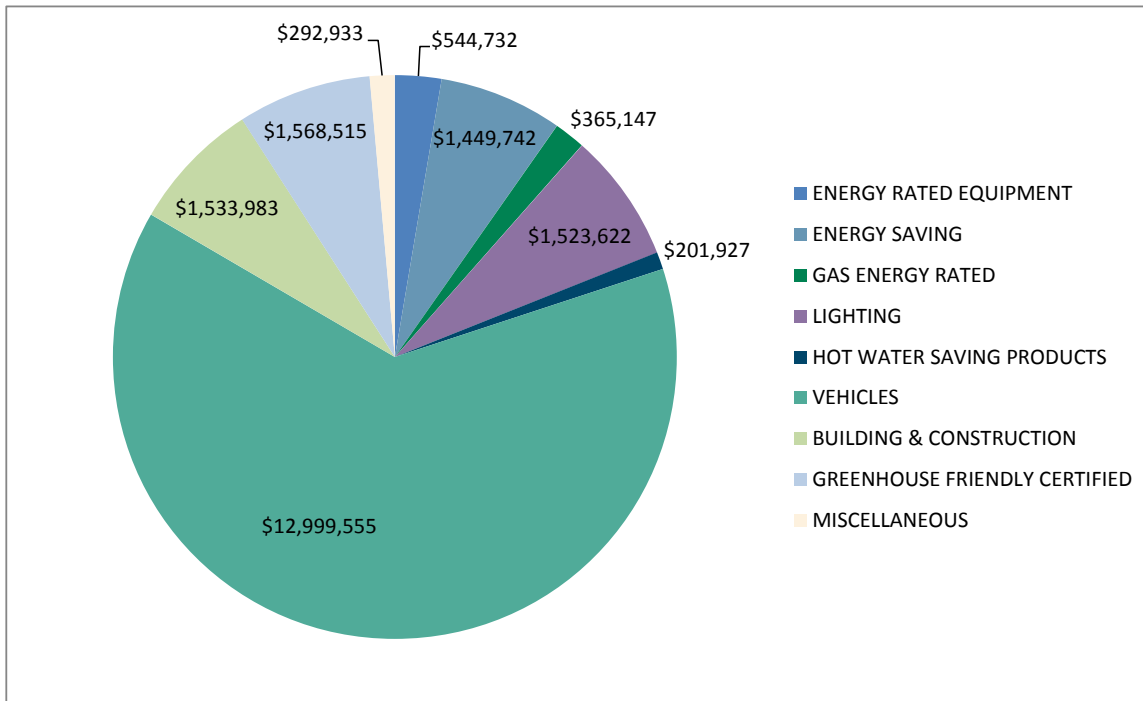
TABLE 6 – GREENHOUSE FRIENDLY PRODUCT EXPENDITURE 2002/03 – 2009/2010

	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010
Energy Star Equipment	1,172,702	2,418,839	5,390,319	5,435,001	-	-	-	-
Energy Rated Equipment	63,056	149,779	319,984	221,441	548,064	773,259	688,551	544,732
Energy Saving	-	156,415	409,227	829,859	1,207,822	930,074	925,598	1,449,742
Gas Energy Rated	38,892	39,114	78,502	60,177	446,402	103,875	623,878	365,147
Lighting	499,417	315,812	722,035	521,345	652,452	1,255,425	1,245,410	1,523,622
Hot Water Saving Products	57,569	129,759	109,402	25,346	73,338	279,891	352,874	201,927
Vehicles	5,520,610	7,927,764	5,612,385	8,847,425	13,699,321	16,159,617	16,576,272	12,999,555
Building &	581,200	68,558	10,886,220	6,205,885	806,616	1,781,863	3,033,423	1,533,983

Construction								
Greenhouse Friendly Certified	-	20,442	25,268	390,720	1,018,535	474,772	500,227	1,568,515
Miscellaneous	-	115,465	346,731	123,033	98,617	157,169	1,104,957	292,933
Total (\$)	7,933,446	11,341,947	23,900,073	22,660,232	18,551,167	21,915,945	25,051,190	20,480,156

* Energy Star Rated IT equipment was removed from 2006/07 given that these energy saving features are reliant on set up and operation, rather than inherent energy saving features of the products themselves.

GRAPH 7 – GREENHOUSE FRIENDLY PRODUCT EXPENDITURE 2009/2010



6.6. 'Other' green product purchasing

'Other' green products are those that have less impact on the environment and often human health compared with competing products or services that serve the same purpose, but don't fit in the recycled or greenhouse friendly categories. Water Rated and water saving products are included in this category. Lower toxicity products leading to improved air quality and less harm in ecosystems and waterways are also included in this section.

Members' expenditure on 'other' green products has decreased from \$17.7 million in 2008/2009 to \$13.8 million in 2009/2010, though it should be noted that five out nine of the product categories have increased in expenditure.

The largest decrease in reported 'other' green expenditure was on water saving products, which has dropped by 44 percent in the last year. The decrease in water saving products may be a reflection of the efforts local governments have made over the years to manage and reducing their water use. Some items are purchases that should last for a number of years (such as water tanks and watering systems) and investment needs may reduce over time. Other water saving products include drought resistant plants, dual flush toilets, waterless urinals, composting toilets, water harvesting equipment such as grey water systems, flow regulators, low flow shower heads, 4 Star or more dishwashers and washing machines.

Expenditure on catering/food and events has increased indicating that local government are making better choices on where they are sourcing food and beverages for their organisations. This category also included the containers that are used for catering.

There has also been a significant increase the purchase of cleaning products.

CASE STUDY 2 – ALPINE SHIRE BEHAVIOUR CHANGE IMPROVES GREEN SPEND



Compared with the previous financial year, Alpine Shire increased its green product spend by twenty four percent to achieve ten percent green spend as a percentage of total available expenditure in 2009-2010.

Alpine Shire has demonstrated on a number of occasions that it is prepared to invest significant sums relative to its budget on products proven to deliver environmental as well as functional and financial benefits now or over the long term.

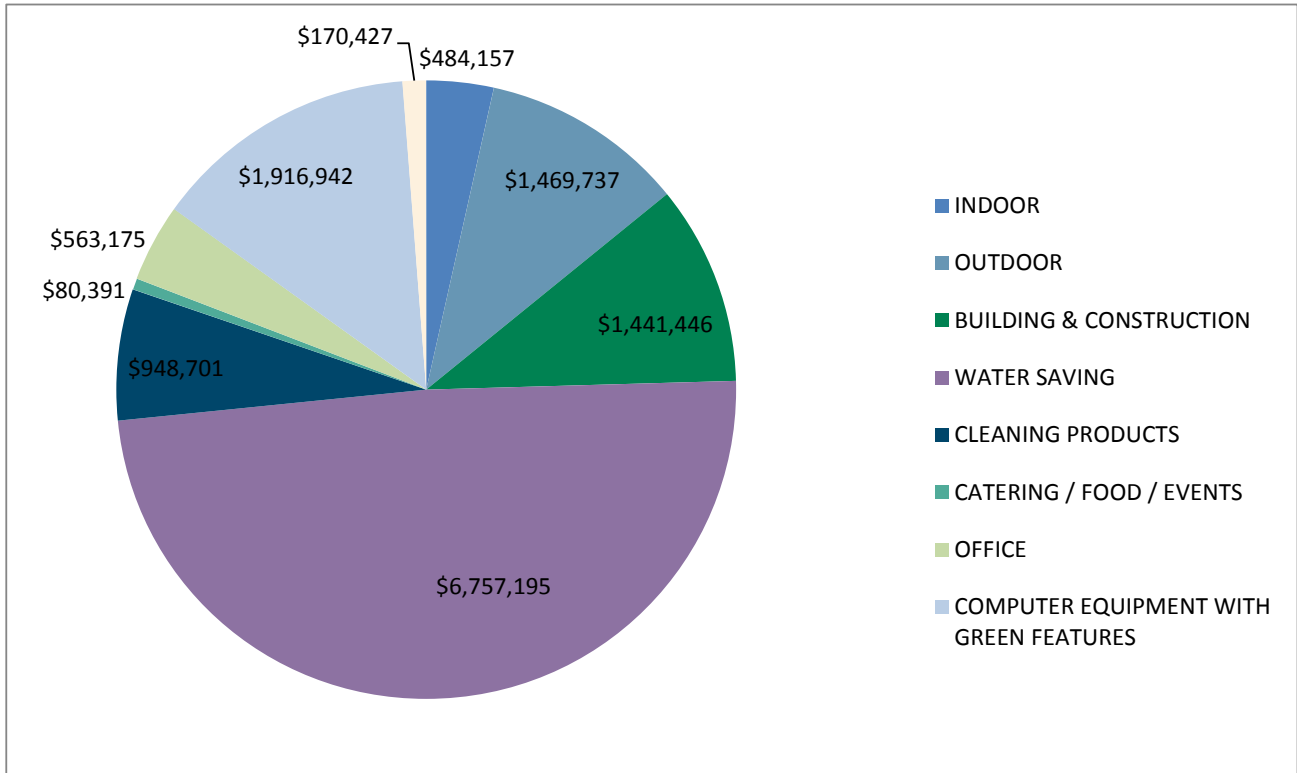
Embedding green purchasing practice into every day operations at Alpine Shire requires continued effort and persistence by the team, supported by Sandra who translates the Alpine Shire Green Purchasing Policy into practical action by consistently communicating the standards expected of both staff and suppliers. This includes educating contract painters to use non toxic paint; electricians to use energy efficient globes; plumbers to use low water consumption and/or 4 Star-rated energy efficient products; caterers to use reusable trays and plates; and printers to use 100 percent recycled paper on all orders of brochures, magazines and flyers. These efforts are paying off, as demonstrated when some of the environmental benefits are calculated – for example, recycled content mobile garbage bins purchased by Alpine Shire during 2009-2010 saved 5.9 tonnes of CO₂ equivalent.

Effective in changing the culture and behaviour of the organisation, as is communicating the benefits of green purchases.

TABLE 7- 'OTHER' GREEN PRODUCT EXPENDITURE 2002/03 – 2009/2010

	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010
Indoor	15,702	33,320	9,957	679,708	188,930	285,449	188,388	484,157
Outdoor	276,360	471,125	2,443,034	2,522,661	2,388,434	2,270,352	2,034,831	1,469,737
Building & Construction	420,000	68,547	8,092,730	11,235,294	11,218	159,213	472,398	1,441,446
Water Saving	238,821	771,159	2,437,405	2,654,362	3,391,253	10,968,689	11,987,637	6,757,195
Cleaning Products	53,055	47,908	192,143	50,486	126,684	39,559	20,002	948,701
Catering / Food / Events	-	-	36,018	15,626	26,725	38,068	27,922	80,391
Office	-	-	580,744	170,772	27,002	125,608	157,280	563,175
Computer Equipment With Green Features	-	-	-	-	4,951,120	3,245,377	2,220,528	1,916,942
Miscellaneous	60,000	287,923	469,216	154,883	297,863	229,521	619,430	170,427
Total (\$)	1,063,938	1,679,982	14,261,247	17,483,792	11,409,229	17,361,836	17,728,416	13,832,172

GRAPH 8 – OTHER’ GREEN PRODUCT EXPENDITURE 2009/2010



6.7. Refurbished and second-hand purchasing

Using a refurbished or second-hand product prevents usable material being sent to landfill, and reduces new products, made from virgin materials, from being purchased.

All products listed under refurbished and second-hand spending were purchased from an external organisation, rather than reused within council operations.

Refurbished and second-hand product expenditure has decreased slightly in the last year. This is primarily due to the reduced amount of furniture purchased in this category.

TABLE 8 – REFURBISHED AND SECOND-HAND PRODUCT EXPENDITURE 2003/04 – 2009/2010

	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010
Total (\$)	1,295,068*	2,357,201*	3,303,530*	348,204	188,215	379,528	254,633

* Figure includes expenditure on re-used products, which was removed from reporting in 2006/2007.

6.8. Green Power purchasing

Green Power is a national accreditation program for renewable energy products offered by electricity suppliers to businesses and households across Australia. Many local governments actively encourage their residents to choose Green Power for their electricity purchasing, as well as purchasing Green Power electricity for council buildings and street lighting.

Purchasing Green Power, along with more energy and fuel efficient products, is one of the main avenues local governments have to reduce the greenhouse gas emissions associated with their operations. Green Power is particularly significant in the strategies of those local governments aiming to become ‘carbon neutral’.

Members' spending on Green Power was \$3.3 million in 2009/2010. This is a small decrease and partly through a number of local government not reporting this year. Overall those local governments that did report have reported an increase in spend.

TABLE 9 – EXPENDITURE ON GREEN POWER 2004/05 – 2009/2010

Green Power	2004/2005	2005/2006	2006/2007	2007/2008	2008/2009	2009/2010
Total (\$)	2,242,323*	3,177,981*	2,599,778	3,278,475	3,952,065	3,323,399

* 2004/05 and 2005/06 figures include service charges which were removed from reporting in 2006/07

7. Sustainable Procurement Assessment Findings

In previous years local government members have completed an annual survey to determine how they are implementing the ECO-Buy program and what the factors are that influence green purchasing within their council. The 2009/10 reporting cycle utilised the newly developed Sustainable Procurement Assessment Tool (SPAT).

The tool assists organisations to measure their success in reducing their environmental, social and economic impacts through purchasing. It is based on the [Mayor of London's Green Procurement Code progress review](#), an online self-evaluation for London based organisations committed to reducing their environmental impact through responsible purchasing.

As a result all ECO-Buy members were asked to complete the tool as part of their annual reporting commitments. At the time of the reporting, ECO-Buy was commissioned by the Department of Planning and Community Development to assist in the Roadmapping phase of their Procurement Excellence Program. This involved the use of the SPAT and the development of a short report on each council's sustainable procurement progress. The project gave non member councils the opportunity to complete the assessment and as a result has developed some interest in ECO-Buy from these councils.

On completion of Part 1 of the tool, a score is given: entry, bronze, silver or gold.

Gold: The organisation demonstrates best practice or near-best practice in all five dimensions of sustainable procurement: people, policy, process, suppliers and measurement. These organisations also tend to drive sustainability among their suppliers.

Silver: The organisation demonstrates best practice or near best practice in three or more of the five dimensions of sustainable procurement.

Bronze: The organisation has established sustainable procurement management systems across three or more of the five dimensions of sustainable procurement. Best practice or near practice may even have been achieved in one or two of the five dimensions.

Entry: The organisation may be at the beginning of its sustainable procurement journey or may have started to develop sustainable procurement management systems

This scoring is subjective to the knowledge of sustainable procurement progress by the officer answering the questions. The majority of the scores have not been independently validated. Validation would require additional information to be provided to confirm the answers provided. Members that were shortlisted for the 2011 ECO-Buy Awards were asked to provide this information to qualify them for the final judging process.

Part one of the SPAT is divided in to 5 sections asking a total of 21 questions on the organisation's engagement with their staff, implementation of policy, processes, supplier engagement and the use of tools to track and measure their purchasing.

The results from the assessment tool will be evaluated in the following sections.

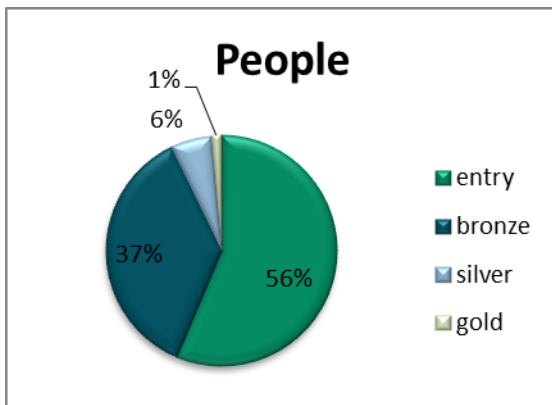
7.1. People

The people dimension measures the extent to which an organisation has embedded sustainable procurement within the corporate culture, including engaging, training and holding staff accountable at all levels. The five statements that organisations have to score themselves against are:

1. A sustainable procurement champion has been identified.
2. Key procurement staff have received training.
3. Most procurement staff have received training.
4. Sustainable procurement is included in staff personal development and appraisal process.
5. Sustainable procurement achievements are publicised.

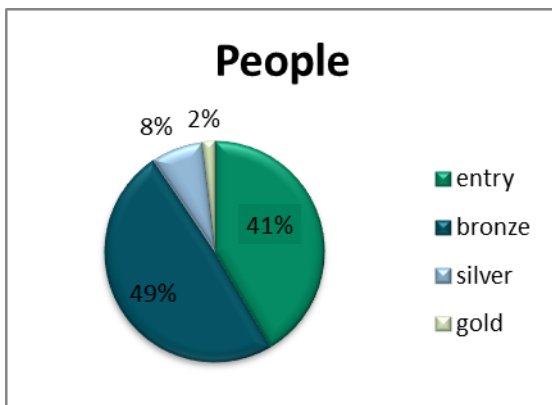
The ability for staff who are involved with procurement within the organisation to understand how best to use sustainable procurement to their advantage is vital in ensuring the environmental, social and economic impacts of procurement is minimised. To have an effective sustainable procurement management system, staff need to be adequately trained leadership of Senior Managers is key. The following charts demonstrate where having a program of implementing sustainable procurement practices is of great benefit to the organisation’s performance. This will also be demonstrated in the other dimensions.

GRAPH 7.1 ALL VICTORIAN LOCAL GOVERNMENT - PEOPLE



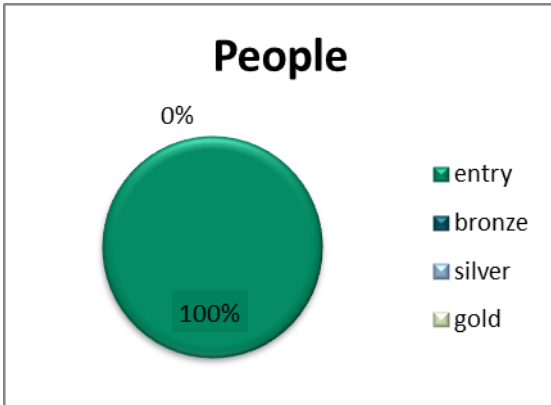
This pie chart illustrates that for the majority Victorian local government more can be done to engage staff on sustainable procurement. This varies from providing training to procurement staff and developing objectives in staff appraisals on sustainable procurement. Another key factor is that there needs to be better senior management support for the implementation and embedding of sustainable procurement.

GRAPH 7.2 ECO-BUY MEMBERS - PEOPLE



ECO-Buy members are progressing well in this area with a good uptake of training as part of their membership. Members recognise that leadership is important to help drive sustainable procurement within the organisation. More could be done to get senior level support. A key area of improvement in this category is to include sustainable procurement objectives into staff appraisals. This along with publication of achievements in sustainable procurement will help ECO-Buy members achieve improved scores in this dimension.

GRAPH 7.3 NON ECO-BUY MEMBERS - PEOPLE



This pie chart indicates the lack of awareness of Sustainable Purchasing within the non-member councils. As there is a lack of leadership on sustainable procurement, there is limited training and also a lack of communications and awareness building related to sustainable purchasing.

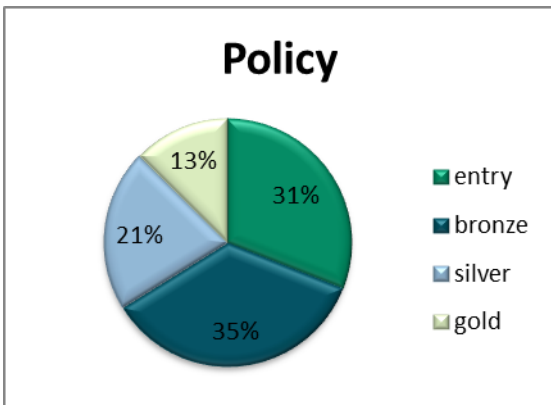
7.2. Policy

The policy dimension demonstrates the ability of organisations to use policy and strategy to their advantage ensuring that sustainable procurement is embedded within all operations.

The five statements are:

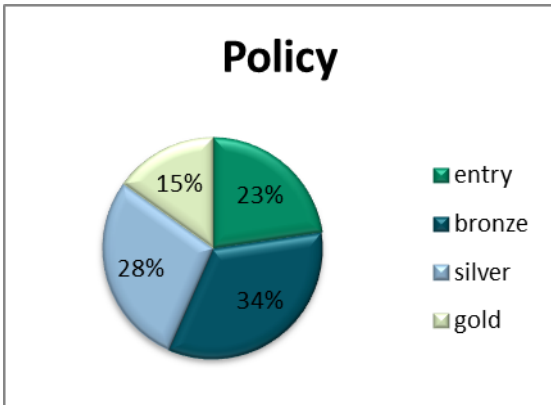
1. Sustainable objectives have been agreed.
2. A sustainable procurement policy is in place.
3. A sustainable procurement strategy is in place.
4. The sustainable procurement strategy is linked with other strategies and management systems.
5. The sustainable procurement strategy is reviewed regularly.

GRAPH 7.4 ALL VICTORIAN LOCAL GOVERNMENT - POLICY



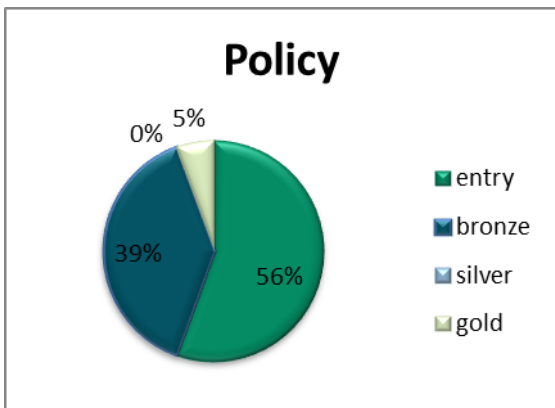
This pie chart shows that councils as a whole are progressing well with the development of sustainable procurement strategies and policies.

GRAPH 7.5 ECO-BUY MEMBERS - POLICY



With only 22% of ECO-Buy members remaining at entry level with regards to policy implementation, this is a good demonstration of the level understanding that it is central to embedding sustainable procurement within the organisation. To raise their score, members should look at linking their sustainable procurement strategies with other management systems as well as regular review of their policy. Whitehorse City Council has achieved near best practice in this section. Using their policies to help drive their purchasing decisions has contributed to their good work.

GRAPH 7.6 NON ECO-BUY MEMBERS - POLICY



The majority of non-member councils have begun working on their sustainability objectives, but this is not yet been translated into a policy. Thus there is still good scope (56%) for these councils to work on developing and integrating their sustainable procurement policies and strategies. It should be noted that Horsham Rural City Council scored a gold level, though this is a self-assessment and hasn't been independently validated.

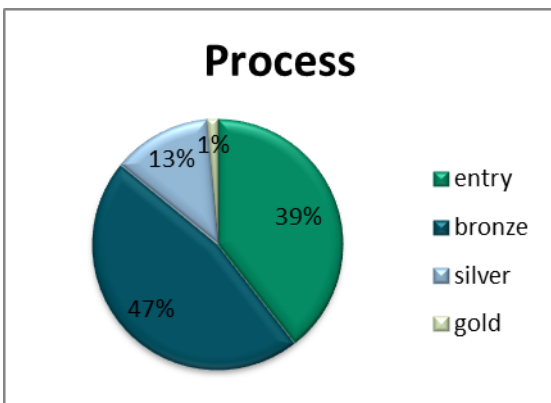
7.3. Process

This dimension is where an organisation demonstrates it has assessed the impacts of its supply chain and integrated sustainability considerations in to supplier selection and contracts. The use of sustainability criteria in contracts and tenders is the best way to manage high priority spend areas. The use of supplier performance targets also helps an organisation manage environmental risks.

The statements in this dimension are as follows:

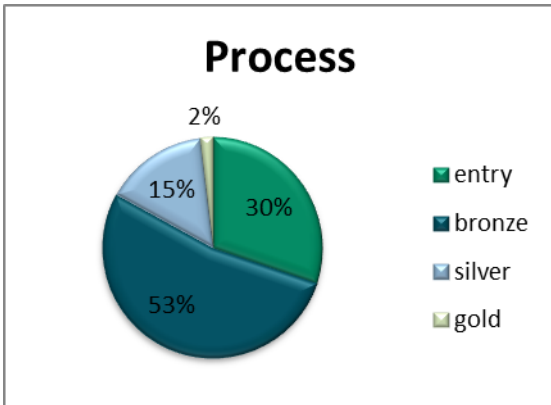
1. Expenditure is analysed.
2. The sustainability impacts of procurement are known.
3. Sustainability criteria are considered in contracts.
4. Sustainability risks in the supply chain are managed effectively through contracts.
5. Key suppliers have targets or KPIs to improve their sustainability performance.

GRAPH 7.7 ALL VICTORIAN LOCAL GOVERNMENT – PROCESS



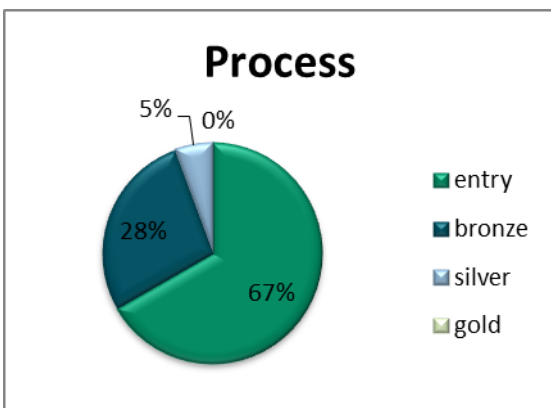
Understanding where local government spend their budget and the risks helps to make better decisions on spending on green products. This pie chart shows that 61% (gold, silver and bronze) of Victorian local government are working towards integrating sustainability into their tender processes and contracts.

GRAPH 7.8 ECO-BUY MEMBERS - PROCESS



ECO-Buy members are demonstrating an understanding of the need to address environmental impacts in their procurement process. More work could be done to embed sustainable criteria into contracts and tenders. What appears to be of difficulty for members is how to use contracts to manage the risks in the supply chain as well as using performance KPIs to help suppliers improve.

GRAPH 7.9 NON ECO-BUY MEMBERS



This dimension of sustainable procurement for non-members indicates that sustainability has not been widely embedded into the procurement process. A good majority have not progressed with understanding sustainability impacts or including sustainability criteria in tenders and contracts. Ararat Rural City Council has performed well in this area, scoring silver in their self-assessment.

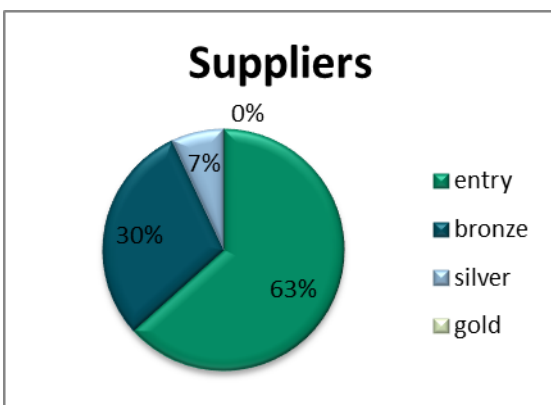
7.4. Supplier Engagement

This dimension measures the extent to which an organisation has engaged its suppliers in improving their sustainability. In this dimension there are only three statements to answer. These are:

1. We communicate with suppliers on sustainability
2. We assess the sustainability performance of suppliers
3. We engage with suppliers in continuous improvement programs

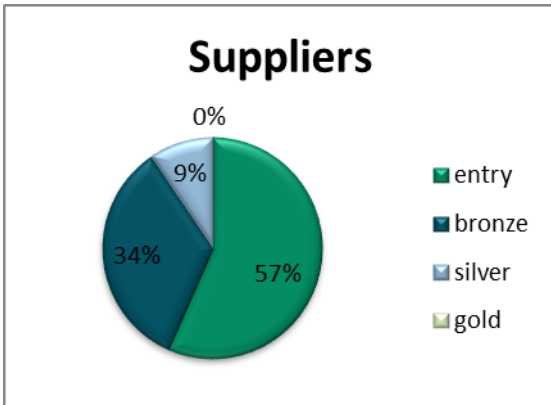
The things that you would communicate about are your sustainable procurement objectives, and verifying and comparing the suppliers' sustainability credentials.

GRAPH 7.10 ALL VICTORIAN LOCAL GOVERNMENT - SUPPLIERS



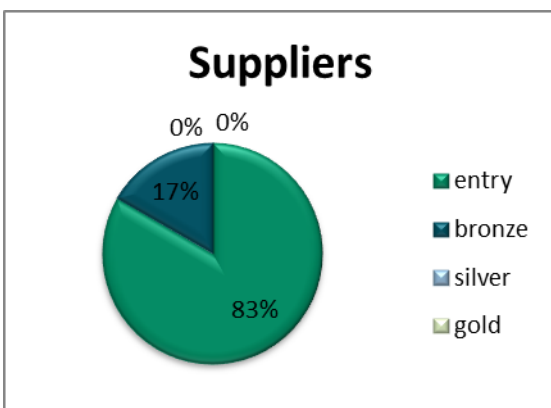
As seen in all three graphs below, supplier engagement is an area that offers a lot of opportunity to embed sustainability into the supply chain. Engaging with your suppliers should start earlier in the procurement cycle to ensure they are aware of what you are trying to achieve through the sustainability objectives that have been set by the council. This section is tied in with the Process dimension, in that if you want to embed sustainability into your contracts and tenders ideally you are in communication with your suppliers about that process.

GRAPH 7.11 ECO-BUY MEMBERS - SUPPLIERS



For ECO-Buy Members this is an area which requires more work. However looking at previous dimensions where performance is good it can be expected that this will improve as processes encourage dialogue with suppliers on how best to meet councils' sustainability objectives that already have been set.

GRAPH 7.12 NON ECO-BUY MEMBERS - SUPPLIERS



Supplier engagement is an area that at this stage is generally overlooked by non ECO-Buy members. Improvement in this area will start occurring once progress is made in previous areas such as staff training, development of policies and embedding sustainable procurement in their processes.

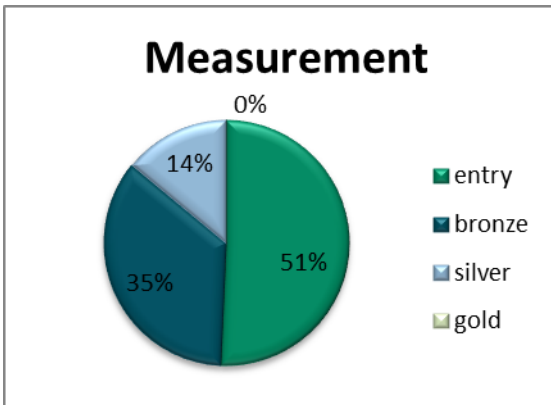
7.5. Measurement and Results

This is the last dimension of Part One of the SPAT and looks at the use of tools to track, assess and report on what sustainable procurement has taken place at the organisation. There are also only three statements and they are:

1. Systems are in place to measure achievements in sustainable procurement
2. We measure our sustainable procurement performance and use this information in management decisions
3. We compare our sustainable procurement performance against other organisations.

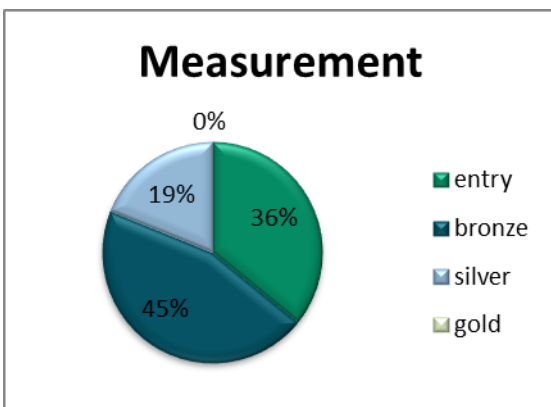
The ability for an organisation to assess its performance regularly is important for any good system to work. It allows for the setting of performance targets and monitoring the implementation and success of a strategy. The use of finance systems help organisations to track and report expenditure and can help to measure performance and use the results to inform management decisions. It is also a useful tool to compare performance against other organisations. A key indicator used is annual investment in sustainable procurement.

GRAPH 7.13 ALL VICTORIAN LOCAL GOVERNMENT - MEASUREMENT



It would appear that just over half of Victorian Local Government are still in the process of looking at how to introduce measurement of sustainable procurement is of benefit to an organisation.

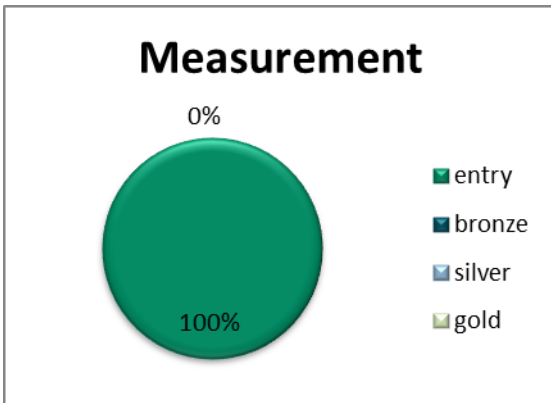
GRAPH 7.14 ECO-BUY MEMBERS - MEASUREMENT



The most common electronic systems used by Local Government are Technology One (Finance One) and Computron (AXS-One). This allows staff to indicate when completing a requisition whether it is a green or sustainable product. They are also able break it down into different categories such as recycled or energy efficient. This information is then used to report back to ECO-Buy. Cardinia Shire was recognised at the 2011 ECO-Buy Awards for Excellence in Green Purchasing. Cardinia Shire won the award for Measurement and Results by demonstrating good practice by using their finance system to track their progress and using the results to inform management decisions. In addition staff from Cardinia were also assisting other councils with their tracking and reporting systems. Tracking and reporting


green/sustainable spend has historically been a challenge for local governments. These challenges include the accuracy of information inputted into electronic systems, lack of staff awareness on what a green product is, and limited resources to collate the information.

GRAPH 7.15 NON ECO-BUY MEMBERS - MEASUREMENT



As sustainable procurement doesn't appear to be a high priority for non-member councils it follows that these councils do not currently use tools and systems to track and monitor their progress.

CASE STUDY 3 – CARDINIA SHIRE COUNCIL TRACKING THEIR GREEN SPEND

Category name	Meaning	Examples of purchases
4STAR	4 or higher star energy or water rating	<ul style="list-style-type: none"> • Air conditioners (4+ star); • 4+ star showerheads • 4+ star LCD screens • Etc (includes whitegoods)
ECOBUY	A recognised accreditation (not just EcoBuy)	<ul style="list-style-type: none"> • Goods with a <u>recognised</u> accreditation including but not limited to: • Certified Fair Trade • Certified Organic 

Like other councils Cardinia Shire Council have set up mandatory fields in its financial software, which enable purchasing officers to accurately and consistently capture expenditure under various sustainability categories.

Measuring and tracking green procurement has been fully integrated into the finance system procedures and training.

Driven by the EcoTeam, behaviour and cultural change at Cardinia Shire Council has evolved to the point that staff identify potential sustainable options on their own initiative and come to the ECO-Buy Coordinator with new products to be investigated and tested.

A formal process has also been initiated for evaluating and making recommendations to the Senior Management Team (SMT) on new products that will contribute significantly to improving the Council's sustainable procurement performance.

In 2009-2010, Cardinia Shire Council reported that 3.9% of its expenditure is on green products.

Overall Victorian local government have achieved the best results in the Policy dimension, where there is good development of sustainability objectives and procurement policies. Understanding of procurement processes and how to embed sustainability is the next dimension where local government is performing well. The use of tenders and contracts to steer purchasing decisions is becoming better understood and implemented. Supplier engagement is the least developed dimension with generally limited supplier engagement by local government in Victoria.

8. Conclusion

This report has presented considerable achievements made by ECO-Buy's local government members in 2009/2010. The expenditure reports from 70 percent of ECO-Buy's members show that reported expenditure on green products has decreased by \$5.8 million from the last year. However the average expenditure has remained almost the same as there has been fewer expenditure report submissions. This represents approximately four percent of the average council available expenditure being invested in green products. The average reported spend on recycled content has seen the greatest increase out of the other categories.

Members continue to increase their green purchasing in areas of environmental concern to their communities, particularly reducing their contribution to climate change and their impacts on scarce water resources. Reported spend is down in most of the areas as a result of good investment the previous years in products the help reduce our demand on water resources and reduce our greenhouse gas emissions.

Combined with the ongoing efforts to embed green purchasing into everyday council activities through policies, contracts, working groups and tracking systems, local government members continue to demonstrate their leadership in the area of green purchasing. With the significant funding received through the Australian Government's Regional and Local Community Infrastructure Program being used to build more sustainable community assets, Victorian local government are ensuring this excellence is being continued into the future.

9. Appendices

9.1. ECO-Buy Reporting Categories

Category	Details
Recycled	<p>Definition: Products made with recycled materials (as opposed to recyclable).</p> <p>Key Environmental Benefits: Reduces demand for virgin materials (i.e. timber, plastics etc) Diverts waste from landfill and help close the recycling loop Reduces litter and pollution in the natural environment Provides an alternative to more resource intensive alternative materials</p> <p>Examples: Composts and mulches that meet the Australian Standard 4454 Paper and cardboard products such as copy paper, napkins, toilet tissue.</p>
Greenhouse Friendly	<p>Definition: Products that create fewer greenhouse gas emissions.</p> <p>Key Environmental Benefits: Products that use less energy, produce fewer greenhouse gas emissions to reduce the threat of climate change and reliance on fossil fuels</p> <p>Examples: Appliances that are 4 stars or higher energy and gas rated Products that reduce the need for heating and cooling for example insulation and draft stoppers Fuel efficient transportation for example bikes or hybrid vehicles.</p>
Other Green	<p>Definition: Products are less damaging to the environment and/or human health than similar products but do not fit into the 'recycled' or 'greenhouse' categories (for example, water saving, biodegradable, organic and non-toxic products).</p> <p>Key Environmental Benefits: Low toxic products have low less impact on human health, eco-system health and water quality. Products made with renewable resources have a reduced impact on biodiversity through less demand on forest reserves. Water saving products reduce consumption or assist collection of scarce water resources. As products that would otherwise find their way into the litter stream, compostable and biodegradable products are environmentally preferable as they do not persist in the environment and create hazards for wildlife. Organic farming eliminates the use of chemical fertilisers, pesticides and genetically modified organisms</p> <p>Examples: Non-toxic and biodegradable cleaning products Dishwashers with a minimum 4 star water saving rating Forest Stewardship Council (FSC) accredited timber Biodegradable dog-poo bags Organic and Fair Trade certified catering products.</p>
Refurbished and Second-hand	<p>Definition: Products that have been re-used in place of sending to landfill and/or procuring new products.</p> <p>Key Environmental Benefits: Re-using products extends the life of the product and reduces demand for virgin materials that would have been used in the manufacture of replacement products and diverts waste from landfill.</p> <p>Examples: Re-furbished signs and playground equipment Second-hand carpet tiles</p>
Green Power	<p>Definition: Energy products that are sourced from renewable energy and have the accredited Green Power tick</p>

Maribyrnong	NM	NM	✓	✓	✓	✓	✓	✓	✓	✓
Maroondah	NM	✓	✓	✓	✓	✓	✓	✓	✓	✓
Melbourne	✓	✓	✓	✓	✓	✓	✓	✓	NM	NR
Melton	✓	✓	✓	✓	✓	✓	✓	X	NM	✓
Mildura	NR	✓	✓	✓	X	✓	✓	S2 only	✓ late	X
Mitchell	✓	✓	✓	✓	X	NM	✓	X	X	X
Moira	NM	NM	NM	NR	✓	✓	✓	S2 only	X	✓
Monash	NM	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moonee Valley	NM	NM	NM	NR	✓	✓	NM	NR	X	X
Moorabool	NM	NM	✓	✓	✓	✓	✓	✓	✓	✓
Moreland	✓	✓	✓	✓	✓	✓	X	X	✓	✓
Mornington Peninsula	NR	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mount Alexander	NM	NR	NR	X	✓	✓	S1 only	X	X	X
Mt Buller Mt Stirling Alpine Resort Management Board	NM	NM	NM	NM	NM	NM	NM	✓	✓	✓
Moyne	NM	NM	✓	✓	✓	✓	✓	✓	✓	✓
Nillumbik	✓	✓	✓	✓	✓	✓	✓	S2 only	✓	✓
Port Phillip	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Shepparton (Greater Shepparton)	NM	NR	✓	✓	✓	✓	✓	✓	✓	✓
Southern Grampians	✓	X	✓	✓	✓	✓	✓	✓	✓	✓
Stonnington	NM	NM	NM	✓	✓	✓	✓	✓	✓	✓
Surf Coast	✓	✓	✓	✓	✓	✓	✓	✓	X	X
Towong	✓	X	✓	✓	✓	✓	✓	✓	X	NM
Wangaratta	NM	NR	✓	✓	✓	✓	✓	✓	✓	✓
Warrnambool	NM	NM	NM	NR	✓	✓	✓	✓	✓	✓
West Wimmera	NM	NM	NM	✓	✓	X	X	NM	NM	NM
Whitehorse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Whittlesea	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wyndham	✓	✓	X	✓	✓	✓	✓	✓	X	X
Yarra City	✓	✓	✓	✓	✓	✓	✓	✓	✓	X
Yarra Ranges	NM	NR	✓	✓	✓	✓	✓	X	X	X
Total submissions	23	29	40	44	54	54	54	47	39	36

- ✓ Report submitted (Section 1 and/or Section 2) for the financial year
- X Report not submitted (Section 1 or Section 2) for the financial year
- NM Not a member in that financial year
- NR Not required. Submission of a report is not compulsory within the first year of joining the ECO-Buy program
- * Report submitted after the data collation process was completed, therefore the results have not been included in the report

9.3. Top 100 green products reported on by local government members

Specific Item	Total Reported	% of Councils	Product Category	Section
Paper - Copy A4 50% or more recycled content	32	88.9%	Recycled	PAPER

Specific Item	Total Reported	% of Councils	Product Category	Section
ACCREDITED GREEN POWER TOTAL	26	72.2%	Green Power	ACCREDITED GREEN POWER TOTAL
Cars - Downsized	23	63.9%	Greenhouse	VEHICLES
MGB Bins (30% or higher recycled content)	22	61.1%	Recycled	WASTE MANAGEMENT
Water Tanks	20	55.6%	Other Green	WATER SAVING
Mulch	19	52.8%	Recycled	ORGANICS: COMPOST & MULCH
Business Cards	19	52.8%	Recycled	PAPER
Indigenous Plants	19	52.8%	Other Green	OUTDOOR
Brochures	18	50.0%	Recycled	PAPER
Envelopes (all)	17	47.2%	Recycled	PAPER
Newsletters - Community	16	44.4%	Recycled	PAPER
Paper - A3	16	44.4%	Recycled	PAPER
Other Recycled: Paper (please specify)	16	44.4%	Recycled	PAPER
Soft Fall Mulch	15	41.7%	Recycled	ORGANICS: COMPOST & MULCH
Fuel Efficient Vehicles	15	41.7%	Greenhouse	VEHICLES
Other Greenhouse: Energy Saving (please specify)	14	38.9%	Greenhouse	ENERGY SAVING
Computers	14	38.9%	Other Green	COMPUTER EQUIPMENT WITH GREEN FEATURES
Other Green Water Saving (specify product and green credentials)	14	38.9%	Other Green	WATER SAVING
Other Recycled: Office (please specify)	13	36.1%	Recycled	OFFICE
Worm Farms	13	36.1%	Recycled	WASTE MANAGEMENT
Asphalt (please state % of recycled content)	13	36.1%	Recycled	ROAD & FOOTPATH
Crushed Concrete	13	36.1%	Recycled	ROAD & FOOTPATH
Other Recycled: Miscellaneous (please specify)	13	36.1%	Recycled	MISCELLANEOUS
Bollards	12	33.3%	Recycled	PARKS & GARDENS
Park Benches	12	33.3%	Recycled	PARKS & GARDENS
Letterhead	12	33.3%	Recycled	PAPER
Notepads	12	33.3%	Recycled	PAPER
Other Printed Materials*	12	33.3%	Recycled	PAPER
Compact Fluorescent Lights	12	33.3%	Greenhouse	LIGHTING
Dual Flush Cisterns (retrofit)	12	33.3%	Other Green	WATER SAVING
Archive Boxes (cardboard)	11	30.6%	Recycled	PAPER
Post-it Pads	11	30.6%	Recycled	PAPER
Toilet Tissue	11	30.6%	Recycled	PAPER
Hybrid Vehicles	11	30.6%	Greenhouse	VEHICLES
LPG Vehicles	11	30.6%	Greenhouse	VEHICLES

Specific Item	Total Reported	% of Councils	Product Category	Section
Other Greenhouse: Miscellaneous (please specify)	11	30.6%	Greenhouse	MISCELLANEOUS
Other Green Catering (specify product and green credentials)	11	30.6%	Other Green	CATERING / FOOD / EVENTS
Other Green Miscellaneous (specify product and green credentials)	11	30.6%	Other Green	MISCELLANEOUS
Pens & Pencils	10	27.8%	Recycled	OFFICE
Suspension files	10	27.8%	Recycled	PAPER
Cleaning Rags	10	27.8%	Recycled	MISCELLANEOUS
Other Greenhouse: Lighting (please specify)	10	27.8%	Greenhouse	LIGHTING
Drought Resistant Plants & Grasses (please specify)	10	27.8%	Other Green	WATER SAVING
Other Green Water Saving (specify product and green credentials)	10	27.8%	Other Green	WATER SAVING
Dishwashing Liquid (please specify)	10	27.8%	Other Green	CLEANING PRODUCTS
Other Recycled: Parks & Gardens (please specify)	9	25.0%	Recycled	PARKS & GARDENS
Paper - Colored	9	25.0%	Recycled	PAPER
Promotional Material	9	25.0%	Recycled	PAPER
Other Recycled: Paper (please specify)	9	25.0%	Recycled	PAPER
Compost Bins	9	25.0%	Recycled	WASTE MANAGEMENT
MGB Lids	9	25.0%	Recycled	WASTE MANAGEMENT
Other Recycled: Waste Management (please specify)	9	25.0%	Recycled	WASTE MANAGEMENT
Other Green Outdoor (specify product and green credentials)	9	25.0%	Other Green	OUTDOOR
Other Green Cleaning Product (specify product and green credentials)	9	25.0%	Other Green	CLEANING PRODUCTS
Organic Catering	9	25.0%	Other Green	CATERING / FOOD / EVENTS
Other Refurbished & Secondhand (please specify)	9	25.0%	Refurbished/Second Hand	REFURBISHED AND SECONDHAND
Plastic Folders	8	22.2%	Recycled	OFFICE
Remanufactured Toners	8	22.2%	Recycled	OFFICE
Calenders	8	22.2%	Recycled	PAPER
Diaries	8	22.2%	Recycled	PAPER
Flyers	8	22.2%	Recycled	PAPER
Timers	8	22.2%	Greenhouse	ENERGY SAVING
Recycled Water- Class A	8	22.2%	Other Green	WATER SAVING
Non-toxic Cleaning Substances (please specify)	8	22.2%	Other Green	CLEANING PRODUCTS
Organic Coffee	8	22.2%	Other Green	CATERING / FOOD / EVENTS
Play Structures	7	19.4%	Recycled	PLAYGROUND
Other Recycled: Office (please specify)	7	19.4%	Recycled	OFFICE
Hand Towel	7	19.4%	Recycled	PAPER
Manila Folders	7	19.4%	Recycled	PAPER

Specific Item	Total Reported	% of Councils	Product Category	Section
Crushed Rock	7	19.4%	Recycled	ROAD & FOOTPATH
Speed Humps / Cushions	7	19.4%	Recycled	TRAFFIC MANAGEMENT
Solar Panels	7	19.4%	Greenhouse	BUILDING & CONSTRUCTION
Other Greenhouse: Building & Construction (please specify)	7	19.4%	Greenhouse	BUILDING & CONSTRUCTION
Other Greenhouse: Friendly Certified (please specify)	7	19.4%	Greenhouse	GREENHOUSE FRIENDLY CERTIFIED
Met Cards	7	19.4%	Greenhouse	MISCELLANEOUS
Other Green Computer Equip (specify product and green credentials)	7	19.4%	Other Green	COMPUTER EQUIPMENT WITH GREEN FEATURES
Tree Stakes	7	19.4%	Other Green	OUTDOOR
Other Green Building (specify product and green credentials)	7	19.4%	Other Green	BUILDING & CONSTRUCTION
Water Saving Crystals	7	19.4%	Other Green	WATER SAVING
Dog Poo Bags (biodegradable)	7	19.4%	Other Green	MISCELLANEOUS
Reusable Bags	7	19.4%	Other Green	MISCELLANEOUS
Compost	6	16.7%	Recycled	ORGANICS: COMPOST & MULCH
Potting Mix	6	16.7%	Recycled	ORGANICS: COMPOST & MULCH
Signage	6	16.7%	Recycled	PARKS & GARDENS
Tree Guards	6	16.7%	Recycled	PARKS & GARDENS
Tree Stakes	6	16.7%	Recycled	PARKS & GARDENS
Whiteboard Markers	6	16.7%	Recycled	OFFICE
Newsletters - Other	6	16.7%	Recycled	PAPER
Paper - Other	6	16.7%	Recycled	PAPER
Bins - Compost / Food Waste	6	16.7%	Recycled	WASTE MANAGEMENT
Bins - Other	6	16.7%	Recycled	WASTE MANAGEMENT
Retreads	6	16.7%	Recycled	FLEET MANAGEMENT
Other Recycled: Miscellaneous (please specify)	6	16.7%	Recycled	MISCELLANEOUS
Air Conditioners	6	16.7%	Greenhouse	ENERGY RATED EQUIPMENT
Other Greenhouse: Energy Saving (please specify)	6	16.7%	Greenhouse	ENERGY SAVING
Dual Fuel Vehicles	6	16.7%	Greenhouse	VEHICLES
Other Greenhouse: Vehicles (please specify)	6	16.7%	Greenhouse	VEHICLES
Insulation	6	16.7%	Greenhouse	BUILDING & CONSTRUCTION
Paints (please specify)	6	16.7%	Other Green	BUILDING & CONSTRUCTION
Other Green Office (specify product and green credentials)	6	16.7%	Other Green	OFFICE
Other Green Miscellaneous (specify product and green credentials)	6	16.7%	Other Green	MISCELLANEOUS

9.4. Top 50 green products by total reported expenditure

Specific Item	Total Spent	% of Category Spend	Product Category	Section
Asphalt (please state % of recycled content)	6,831,815	23.2%	Recycled	ROAD & FOOTPATH
Cars - Downsized	5,243,760	25.6%	Greenhouse	VEHICLES
Biodiesel	4,969,289	16.8%	Recycled	FLEET MANAGEMENT
Fuel Efficient Vehicles	3,400,883	16.6%	Greenhouse	VEHICLES
ACCREDITED GREEN POWER TOTAL	3,228,639	97.1%	Green Power	ACCREDITED GREEN POWER TOTAL
MGB Bins (30% or higher recycled content)	3,167,907	10.7%	Recycled	WASTE MANAGEMENT
Crushed Concrete	2,857,466	9.7%	Recycled	ROAD & FOOTPATH
LPG Vehicles	1,991,460	9.7%	Greenhouse	VEHICLES
Drought Resistant Plants & Grasses (please specify)	1,922,461	13.9%	Other Green	WATER SAVING
Paper - Copy A4 50% or more recycled content	1,614,828	5.5%	Recycled	PAPER
Other Greenhouse: Energy Saving (please specify)	1,158,436	5.7%	Greenhouse	ENERGY SAVING
Other Greenhouse: Vehicles (please specify)	1,112,544	5.4%	Greenhouse	VEHICLES
Other Recycled: Parks & Gardens (please specify)	1,077,391	3.7%	Recycled	PARKS & GARDENS COMPUTER EQUIPMENT WITH GREEN FEATURES
Computers	1,057,578	7.6%	Other Green	
Water Tanks	956,106	6.9%	Other Green	WATER SAVING
Indigenous Plants	878,742	6.4%	Other Green	OUTDOOR
Other Green Water Saving (specify product and green credentials)	873,953	6.3%	Other Green	WATER SAVING
Irrigation Systems (please specify)	784,891	5.7%	Other Green	WATER SAVING
Non-toxic Cleaning Substances (please specify)	745,981	5.4%	Other Green	CLEANING PRODUCTS
Other Greenhouse: Friendly Certified (please specify)	577,638	2.8%	Greenhouse	GREENHOUSE FRIENDLY CERTIFIED
Hybrid Vehicles	577,533	2.8%	Greenhouse	VEHICLES
Recycled Water- Class A	574,109	4.2%	Other Green	WATER SAVING
Other Greenhouse: Building & Construction (please specify)	563,048	2.7%	Greenhouse	BUILDING & CONSTRUCTION
Speed Humps / Cushions	556,503	1.9%	Recycled	TRAFFIC MANAGEMENT
BP Global Choice Commercial Fuels	545,404	2.7%	Greenhouse	GREENHOUSE FRIENDLY CERTIFIED
Other Green Water Saving (specify product and green credentials)	519,024	3.8%	Other Green	WATER SAVING
Compost	515,036	1.7%	Recycled	ORGANICS: COMPOST & MULCH
Other Green Building (specify product and green credentials)	500,000	3.6%	Other Green	BUILDING & CONSTRUCTION
Other Printed Materials*	492,171	1.7%	Recycled	PAPER
Other Green Indoor (specify product and green credentials)	460,317	3.3%	Other Green	INDOOR
Printing Paper (please specify)	437,434	3.2%	Other Green	OFFICE
Air Conditioners	426,743	2.1%	Greenhouse	ENERGY RATED EQUIPMENT
Dual Fuel Vehicles	419,802	2.0%	Greenhouse	VEHICLES

Specific Item	Total Spent	% of Category Spend	Product Category	Section
Play Structures	416,722	1.4%	Recycled	PLAYGROUND
Newsletters - Community	401,976	1.4%	Recycled	PAPER
Other Green Water Saving (specify product and green credentials)	401,744	2.9%	Other Green	WATER SAVING
Multi Function Devices	354,147	2.6%	Other Green	COMPUTER EQUIPMENT WITH GREEN FEATURES
Street Lighting (please specify)	334,545	1.6%	Greenhouse	LIGHTING
Soft Fall Mulch	324,559	1.1%	Recycled	ORGANICS: COMPOST & MULCH
Other Recycled: Paper (please specify)	320,072	1.1%	Recycled	PAPER
Bins - Other	317,396	1.1%	Recycled	WASTE MANAGEMENT
Other Green Building (specify product and green credentials)	316,615	2.3%	Other Green	BUILDING & CONSTRUCTION
Brochures	298,355	1.0%	Recycled	PAPER
Mulch	283,156	1.0%	Recycled	ORGANICS: COMPOST & MULCH
Other Greenhouse: Lighting (please specify)	276,216	1.3%	Greenhouse	LIGHTING
Air Conditioners	218,785	1.1%	Greenhouse	BUILDING & CONSTRUCTION
Other Greenhouse: Lighting (please specify)	208,409	1.0%	Greenhouse	LIGHTING
Hot Water Systems	205,248	1.0%	Greenhouse	GAS ENERGY RATED
BP Autogas	199,372	1.0%	Greenhouse	GREENHOUSE FRIENDLY CERTIFIED
Flooring (please specify)	198,720	1.4%	Other Green	BUILDING & CONSTRUCTION



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