

KESAB

Annual Report

2012/2013



KESAB

*environmental
solutions*

OUR MISSION



Dick Olesinski OAM (KAB National Judge, 20 years) being presented with the Order of Australia by his Excellency Rear Admiral Scarce AC CSC RANR, Governor of South Australia



Launch of Smoke Free Zone – Rundle Mall, Adelaide

MISSION STATEMENT

To inspire the South Australian community to restore, preserve, and improve the environment through active participation.

GOVERNANCE STATEMENT

The KESAB Board is responsible for the corporate governance of the organisation.

A full Statement of KESAB Corporate Governance is available on request.



OBJECTIVES

- To inspire, influence and advocate for environmental sustainability.
- To provide support through education, innovation, engagement and research.
- To deliver effective partnerships and programs ensuring mutually beneficial environmental outcomes.
- To establish and maintain a public fund, to be called the KESAB Gift Fund, for the specific purpose of supporting the environmental objects of Keep South Australia Beautiful Inc. The Fund is established to receive all gifts of money or property for this purpose and any money received because of such gifts must be credited to its bank account. The Fund must not receive any other money or property into its account and it must comply with subdivision 30-E of the Income Tax Assessment Act 1997.

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Litter and illegal dumping fruit fly collection bin – Sturt Highway



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FROM THE MINISTER FOR SUSTAINABILITY, ENVIRONMENT AND CONSERVATION

Hon Ian Hunter MLC
MINISTER FOR SUSTAINABILITY, ENVIRONMENT
AND CONSERVATION



Perhaps it is 35 years of recycling cans and bottles under the beverage container deposit legislation (CDL) that means South Australians are so willing to lead the way with recycling and carrying our shopping without wasteful plastic bags.

It is very encouraging that even today the collection of 10 cent deposit beverage containers funds many community initiatives.

KESAB has been around even longer than CDL, being established in 1966 and it continues to be a true advocate for CDL at both the State and national level. Locally, KESAB has worked tirelessly to put in place systems in the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands that enable the most remote of communities to reduce litter by collecting and recycling 10 cent deposit containers.

KESAB's many programs directly support local 'grass roots' activities that tap into the values of the community and encourage sustainable behaviour change.

In particular, the iconic Sustainable Cities and Communities program inspires communities to adopt and implement sustainable environmental practices and encourages a whole of community approach through environmental education and action.

You can see evidence in communities throughout South Australia when they proudly announce a finalist, or a winner, with road signs and in their local press. Even in the far northern APY Lands, Palya Community award signs can be seen.

These signs, and the awards they acknowledge, inspire many people – from the millennial generation, through to Gen Y, Gen X and Baby Boomers to build a stronger legacy for our children and our children's children.

To enhance these accomplishments, better effort in materials management and conservation of resources is required from the whole community. Education tools have always been, and will continue to be, vital in helping the community understand and involve themselves in waste management in their daily lives.

In our schools, the Wipe Out Waste program, which is funded by Zero Waste SA and delivered by KESAB, helps to change the community's knowledge, attitudes and behaviour towards waste by educating children in a hands-on way.

This program, the first waste reduction program in Australia to span kindergartens through to secondary schools, is showing many long-term benefits for the environment including the reduction of waste sent to landfill.

Overall, Wipe Out Waste schools have reduced their waste by 37% in the past six years; an impressive improvement on the State target of 25%. Some schools are able to boast reductions of waste to landfill by up to 80%.

Zero Waste SA is developing a new resource for schools under the *Recycle Right* banner to be delivered by KESAB. It will be a valuable addition to an impressive range of educational materials developed by the two organisations, including a resource for teachers of English as a Second Language and the ban on plastic bags.

KESAB is a champion for community education and engagement. I thank KESAB, its talented staff and members, for their role in helping South Australia create a more sustainable community and environment. I look forward to working more closely with KESAB in the coming year.



REPORT FROM THE CHAIR

Sharon Hanlon
ACTING CHAIR



As the State's leading not-for-profit organisation delivering world-class environmental sustainability programs, KESAB directly contributes to recycling and waste management and environmental sustainability.

KESAB conducts and provides programs which are second to none, including: 'grass roots' community change and education programs delivered to schools, TAFE colleges, universities and remote Aboriginal communities; KESAB awards programs recognising remote, rural and urban communities; industry partnerships enjoyed by KESAB across a broad range of sectors; and environmental audits conducted by KESAB on behalf of businesses and local government.

The delivery of a suite of world-class programs would not be possible without the highly cooperative and collaborative working relationships that KESAB enjoys with its partners and key stakeholders. These include all three levels of government, industry, business and the community.

Throughout 2012 – 2013, KESAB continued to proactively contribute to policy formulation and debate through its advocacy activities and representation on various state and national peak bodies.

As South Australia's nominated representative on the Keep Australia Beautiful National (KABN) Association board, I am aware that KESAB faces a number of challenges in 2013 – 2014. KABN is considering the merits of changing from an incorporated association to a company limited by guarantee, which would allow for a change of structure and charter.

The move could prove highly divisive, have significant ramifications for jurisdictional representation going forward and may affect the ability of the national body to deliver programs across Australia. I trust that common sense will prevail.

The announcement by the South Australian Government that Zero Waste is to be wound down and closed as of June 2015 took KESAB and others by surprise. It is a decision that occurred without stakeholder consultation and one that KESAB considers to be of great concern. For this reason, KESAB has prepared and distributed a considered position paper.

The KESAB Board undertook an independently facilitated governance review exercise in July 2012. A Board Governance Framework was developed and adopted in early 2013 and a number of specific initiatives, including: role statements for the Chair and Board Members; a Code of Conduct; a Board Calendar; and revised organisation and function/activity charts were implemented.

The Board also spent considerable time this year discussing the issue of management succession planning and is committed to implementing a sound strategy to ensure a considered transition when necessary, along with the adequate retention of corporate knowledge and appropriate professional development of staff.

I would like to express my sincere thanks to my fellow board members for their support during a period that included a degree of uncertainty linked to Chair Toby Terlet seeking extended leave of absence due to work commitments. I am especially grateful to immediate past-Chair Ashley Watson for agreeing to assume the role of Deputy Chair for the duration. His wise counsel assisted me enormously to make well-informed contributions to national issues and debate.

Likewise, along with my fellow board members, I am extremely appreciative for the level of commitment that Executive Director John Phillips once again demonstrated in so capably managing KESAB's business activities, staff and many, many stakeholder relations.



REPORT FROM THE EXECUTIVE DIRECTOR

John Phillips OAM
EXECUTIVE DIRECTOR



Although I have been in the role as KESAB Executive Director for over two decades, I never cease to be amazed at the South Australian ethos and culture in the area of environmental improvement, restoration and action through community participation.

South Australia is a unique state in the Federation of Australia and to coin a phrase, 'we punch above our weight'.

Examples include:

- our recycling rates being the envy of all states and territories
- a waste levy encouraging increased waste diversion from landfill
- incentives to increase resource recovery
- focus on the River Murray
- leadership in environmental education, especially through KESAB and NRM
- householder participation to separate waste streams in the home and recycle through the Recyclers SA network of depots.

Physically, our performance could be measured using the number of schools and students engaged in environmental initiatives, communities participating in action and awards-based programs throughout the state, volunteer hours contributed in litter and clean-up activities (which total hundreds of thousands of hours valued at tens of millions of dollars each year).

Show cases include KESAB Clean Beach (Goolwa) and Sustainable Communities (Victor Harbor) which were independently judged overall Keep Australia Beautiful National Award winners and the City of Tea Tree Gully overall Water Conservation Award winner in 2012.

In a technical sense we could use benchmarks of energy and water consumption reductions, waste diversion and re-use, number of trees planted, improved water quality and flows, volumes of waste diverted from landfill and converted to resources, focus on energy use and leadership in wind power generation, protection of biodiversity, environmental compliance and regulations through EPA policy underpinning change, and directing the new standards of environmental performance we must all work towards.

All of the aforementioned paint a very rosy picture!

But, is there something I have missed, or more importantly, is there room for further improvement?

The challenge for KESAB as South Australia's leading NGO community anti-litter, waste and resource recovery educator, and driver of action is to maintain the high standard through consistent community engagement.

As an aging community evolves along with new communications such as social media and a more technical and consumer-based lifestyle, there are indicators that tell me the next decade will be much different than today.

Communication and engagement techniques impact on how we do things, an aging seniors sector not being replaced in rural and regional areas, increased costs to volunteers and those that deliver services, and demand for continual change that quite frankly the community simply cannot keep up with.

Three key factors (incentive, drive and disincentive) ensure the broader community will support, and



Launching new recycling bins at KFC Torrensville store

have the ability to fulfil, their respective obligations to care for the environment in a sustainable way.

Incentive: Without incentive there is little purpose for many people to participate in, or respond to, the cause. Incentive does not have to be monetary. It can be based on individual needs, philosophical values, outcomes of reduced cost impact subject to action (switch a light off or stop a tap dripping), or changing to other smarter environmental practices. Incentive can be the right level of support and consistency by organisations such as KESAB *environmental solutions* working alongside the community.

Drive: The need or want to change is often about awareness, understanding, information exchange and ensuring inclusion and purpose that will impact on behaviour. Drive in South Australia is traditionally a combination of community, business and government working in partnership to achieve common objectives towards sustainable environmental practices. This is where South Australia excels!

Disincentive: Negative outcomes are often caused through lack of engagement and consultation. However 'disincentive' is sometimes desirable. This is always a last measure applied to a section of the community that refuses to engage and take responsibility for their actions. Illegal dumping, graffiti and aggravated littering are examples wherein community are likely to change poor behaviour if detected. This is where penalties can apply.

I have praised South Australia's performance on building and delivering sustainable social and environmental outcomes for future generations. However, despite ongoing consultation with government stakeholders, South Australia falls behind in compliance and anti-litter regulations

that encourage improved behaviour and achieve less litter. There needs to be increased focus and application of 'disincentive' to reach those habitual litterers.

The prominence of take away food packaging, roadside dumping and uncovered loads continues to impact on KESAB campaigns being able to achieve best outcomes. The cost to community is millions of dollars for clean-up and waste management infrastructure and is reflected through council rates and other cost recovery mechanisms. In other words, the community is paying to clean up pollution while the individuals responsible walk away.

Increased stewardship and customer engagement through consumer-based business would also add to opportunities to change poor behaviour and reduce litter pollution.

KESAB continues to strive and support the notion of Zero Waste. We have a number of exciting initiatives in progress for our next year of community partnerships and action. Our skilled and valued staff are continually creating and responding to new educational needs and issues as the world changes almost on a daily basis.

A big thank you to KESAB corporate and business partners and our special working relationships with Zero Waste SA, NRM Education, Aboriginal Reconciliation and Affairs and local government.

Environmental and community capacity building outcomes reflected in this 2012 – 2013 Annual Report highlight the extent of engagement, action and value that the South Australian community achieves working next to KESAB.

In short, KESAB has 'punched above its weight' in the past twelve months.



GREEN TEAM

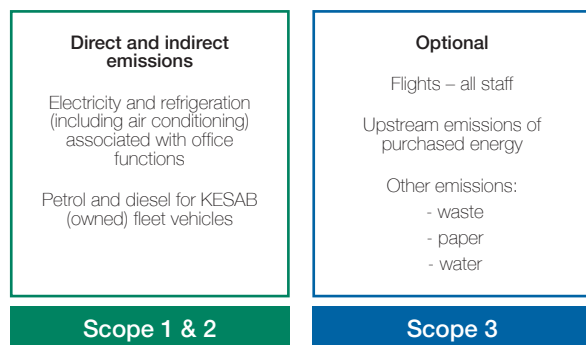
The KESAB Green Team has been actively working to reduce its environmental footprint for the last five years.

The next step was the auditing of KESAB's carbon emissions in accordance with the Greenhouse Gas (GHG) Protocol. The aims were to identify reductions and cost savings, maintain reputation for delivering quality environmental/sustainability solutions, benchmark comparisons over time and show that KESAB is 'walking the talk'.

2011 – 2012 KESAB carbon emissions were assessed by an employee who recently completed a course in Carbon Accounting as part of a TAFE Diploma of Sustainability. Data was collected relating to all the business activities that produce emissions and used to create a carbon inventory. The primary activities that produce carbon emissions included: refrigerant loss from air-conditioning systems; electricity; transport of staff and flights.

Figure 1 shows the emissions from KESAB business that were included in the inventory.

Figure 1: Areas covered in KESAB carbon inventory



INVENTORY RESULTS

The inventory provides a baseline carbon account for KESAB of 63.81 tCO₂-e (tonnes of carbon dioxide and equivalents) or 4.56 tCO₂-e per full time employee. Scope 1 and Scope 2 emissions accounted for 52.53 tCO₂-e, this is under the reporting threshold of 25,000 tCO₂-e, and not required to report on emissions. KESAB reports on its emissions to embrace understanding and to develop a data base that may assist other small business enterprises.

Figure 2: KESAB emissions by scope

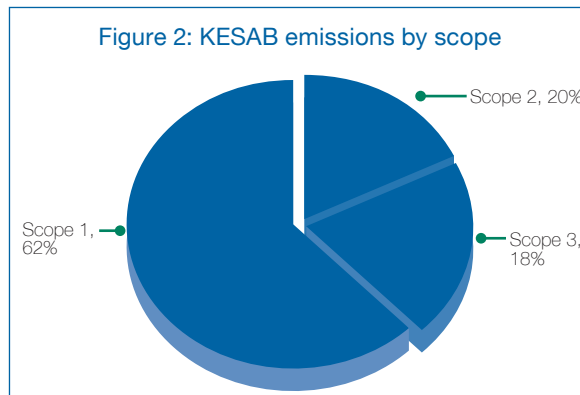


Figure 2 shows KESAB emissions by scope. Understanding the emissions baseline assists with identifying the major sources of GHG emissions, and assists in their management leading to cost reductions, allowing resources to provide services to the community.

The old air-conditioning system was replaced shortly after completing the carbon inventory. In 2011 – 2012 electricity accounted for 15.43 tCO₂-e, and refrigerant leakage from the office air-conditioner accounted for 27 tCO₂-e, a total of 42.43 tCO₂-e. In 2012 – 2013, with the replacement air-conditioning system, electricity and refrigerant emissions were reduced to 33.20 tCO₂-e combined. Upgrading the air-conditioning system saved a total of 9.23 tCO₂-e.

The Green Team looks forward to completing the 2012 – 2013 financial year inventory as well as fully implementing the recommendations to further reduce emissions and costs.

In other news a new landscaped native garden has been designed for the Greville Ave side of the KESAB building. The garden has been designed by a landscaper with input from members of the Green Team and has more formality than the northern native garden, which was planted two years ago.

It is anticipated that this new garden will improve presentation and access for KESAB visitors, as well as showcase native species to the community within a formal garden design.



HOUSEHOLD WASTE BIN AUDITS

KESAB expanded service delivery during the year in response to the need for data collection and research focusing on the content of household waste bins. A skilled and trained audit team with a range of complementary capabilities has been developed and has undertaken a number of diverse audit contracts.

KESAB has delivered commercial audits for waste contractors for two metropolitan hospitals, Holden's Elizabeth and Port Melbourne plants, as well as council waste collection systems. The audits involved large tonnages and a diverse range of materials unique to the different sectors. The purpose of waste audits is to analyse waste streams and identify volumes and types of materials diverted for recycling or being disposed to the incorrect waste or recycling bin.

KESAB has also conducted bin assessments for local council offices; a process that documents waste and recycling generation and disposal systems in offices and operational areas. There are often simple barriers to correct disposal for recycling or composting and opportunities to divert materials from landfill such as bin placement and the right choice of bins for disposal. Bin signage and education of staff are key components.



A load of recycling ready to audit

Audits have been completed analysing waste from kerbside bins to Zero Waste SA specifications from three councils; Cities of Burnside and Norwood Payneham and St Peters, and Port Adelaide Enfield. Waste, recycling and organics bins (100 of each bin) were tagged for separate collection and deposited to the audit site. In each case, special attention was paid to the use of the kitchen caddy and bio-bag system for the diversion of food scraps and compostable paper to the organics stream. Bio-bags were removed, counted and split to count any contamination and check for correct usage.

There are key findings common to each of the audited councils:

- The bio-bag system is being used correctly but not by all residents, and a significant quantity of food is still disposed to general waste.
- Recyclable materials from the kitchen, laundry and bathroom are being disposed to general waste, such as glass jars and metal food cans with food residue, plastic bottles with personal care products with residue, cardboard food packaging and toilet rolls.
- The behaviour of only one or two residents can have a significant impact on green organics and recycling contamination.
- Dumping of materials into bins from multi-unit dwellings is also an issue.



Bio-bags to look for contamination



LITTER INDEX

The KESAB Litter Index is South Australia's official litter item and volumetric tracking data base. The methodology was developed by KESAB and has been refined and reviewed regularly to ensure litter types, count sites and counting process delivers to a high standard. The data base underpins the Keep Australia Beautiful National Litter Index and Branded Litter Study.

Data collected provides a longitudinal reflection of litter make up and behavioural patterns as packaging types and lifestyle changes impact on litter pollution.

The KESAB Litter Index counts litter at 151 sites across metropolitan and regional South Australia. The average footprint of each count site is 1,526sqm with a total area of 228,900sqm counted four times per annum (Feb, May, Aug, Nov).

Longitudinal data has the capacity to highlight regulatory and trend impacts. This provides KESAB with information to assist in strategic actions and campaign options to focus on specific issues including packaging litter linked to take away and convenience food consumers, impact of motorists and transport on roadside litter, the high level of cigarette butts in the litter stream and demography associated with littering behaviour identified through type of litter entering the environment.

The Litter Index also provides clear evidence of the success of South Australia's Container Deposit Legislation (CDL) and Plastic Shopping Bag Legislation. This has seen South Australia record the lowest number of beverage containers and plastic shopping bags in the litter stream throughout Australia.

The May Litter Index count is used as the annual reporting benchmark. This report compares the 2013 May Litter Index data against the 2012 results.

Research is an important element of KESAB's ability to identify and address bad littering behaviour and encourage proactive government and respective industry sector stakeholder engagement.

During the year KESAB commissioned two

separate research projects complementing the Litter Index. In addition Keep Australia Beautiful National released research including the National Branded Litter Study and National Litter Index (Counts). Information gleaned from the collective research shows the considerable ongoing task we have to reduce litter pollution.

KESAB LITTER INDEX

KEY FINDINGS

The May 2013 Litter Index (Wave 61) shows 13,096 items were counted compared to 13,751 items in May 2012 (Wave 57).

This is a reduction of almost 5% in litter during the period.

Cigarette butts make up the largest proportion (42%) of litter and the reduction is mainly reflected through fewer butts counted.

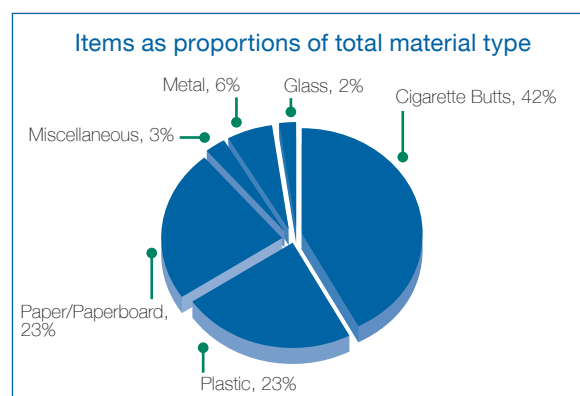
Plastic continues to be a major polluter in the litter stream as do shopper dockets and related paper litter.

Glass and metal items remain static and CDL beverage items remain under 2% of the total litter stream.

LITTER BY VOLUME

The total volume of litter recorded in May 2013 was 1.105m³. This was considerably lower (26%) than the 2012 data 1.492m³.

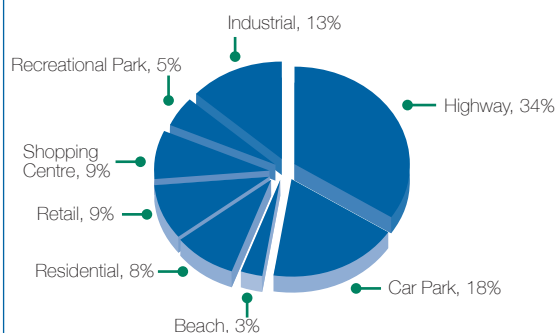
The largest proportion of volume is plastic (35%) paper and paperboard (34%) and miscellaneous



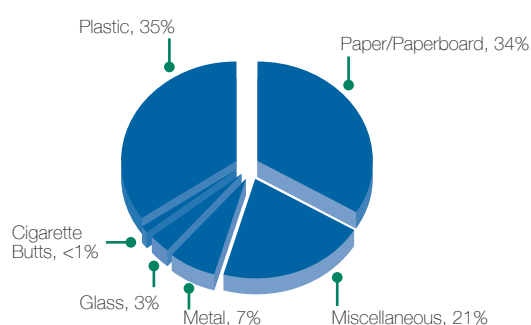


items (21%). Illegal dumping and industrial waste (oil drums etc) may influence data from time to time.

Proportion of total litter items counted within site type



Litter volume as a proportion of total volume



Wave 61 full report can be found at www.kesab.asn.au

CDL CONTAINERS AND PLASTIC SHOPPING BAGS IN LITTER STREAM (MARCH 2013)

KEY FINDINGS

Analysis of the results revealed that South Australia had the lowest percentage of CDL items in its litter stream over the past three years when compared to NSW, NT, Qld, Vic and WA.

The percentage of CDL items in the litter stream for NSW, NT, Qld, SA, Vic and WA is represented in the following table:

State/Territory	2008/09	2009/10	2010/11	2011/12
NSW	6.1%	7.1%	6.9%	7.5%
NT	3.2%	4.3%	5.3%	4.1%
Qld	5.3%	4.2%	5.0%	4.7%
SA	2.7%	2.2%	1.9%	2.2%
Vic	4.3%	7.1%	6.9%	7.0%
WA	10.2%	9.7%	11.0%	13.2%

McGregor Tan 9894 March 2013

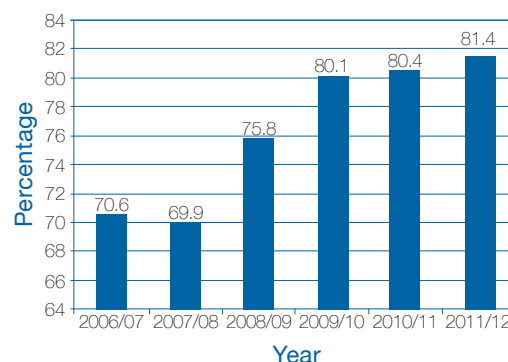
Analysis of the results reveal that Western Australia had the lowest percentage of thin plastic shopping bags in their litter stream over the last year when compared to NSW, NT, Qld, SA and Vic. The result in South Australia over the past year was almost the same as the low result in Western Australia.

The percentage of thin plastic shopping bags in the litter stream for NSW, NT, Qld, SA, Vic and WA is represented in the following table:

State/Territory	2008/09	2009/10	2010/11	2011/12
NSW	0.95%	0.76%	0.91%	0.77%
NT	0.47%	0.50%	0.59%	0.65%
Qld	0.47%	0.46%	0.66%	0.45%
SA	0.69%	0.65%	0.44%	0.38%
Vic	0.14%	1.09%	1.01%	0.29%
WA	0.49%	0.46%	0.43%	0.51%

McGregor Tan 9894 March 2013

Beverage container annual return rates



NATIONAL BRANDED LITTER STUDY (SEPT 2012)

KEY FINDINGS

An average total of 10,565 branded litter objects was recorded in the 2011 – 2012 Branded Litter Study (down from 12,544 in 2007 – 2008). When adjusted for the removal of cigarette butts (approx. 50%) branded litter items accounted for 24% of the Australian litter stream.

Branded litter is categorised into eight industry sectors and displays the most prevalent brands by material type and site location.

Beverage containers, take away food packaging, confectionery wrappers and associated straws and bottle tops highlighted Branded Litter Study research findings.



Most significant items in the litter stream were McDonalds, Coca Cola, Mt Franklin, Carlton, Tooheys, Coles, Woolworths and Cadbury brands. Non-food related brands showed Winfield cigarette packets high on the list.

All eight brand categories contributed to a very high proportion of roadside and highway litter. This shows a clear correlation between the purchase of takeaway food and the throwaway habits of motorists. KESAB refers to this as 'mouth litter'.

The Australian National Packaging Covenant and Food and Grocery Council members are currently working on a new model to underpin stewardship initiatives over a new 5 year (2015 – 2020) Covenant in partnership with Keep Australia Beautiful and key government and industry stakeholders.

The Branded Litter Study highlights that litter reduction strategies require more than just installing more recycling bins as proposed by industry. Retailers and brand managers, combined with improved stewardship, consumer engagement and education underpinned by enforcement will be required to achieve behavioural change and improved outcomes to reduce littering pollution of highly visual and harmful 'branded' litter in the environment.

NATIONAL LITTER INDEX (2012 – 2013)

The KAB National Litter Index (NLI) provides reliable base line data on Australian littering trends. Data assists government, businesses and community organisations to develop policy and programs that will reduce litter pollution in the environment.

NLI counts are conducted in May and November each year covering 983 sites across all states and territories. Sites are divided into eight category types: beaches; car parks; highways; industrial; recreational parks; residential; retail and shopping centres.

- All results are quoted against a 1,000 sqm footprint for each site.
- Illegal dumping is split from the Miscellaneous category and quoted separately.
- Gutters have been included in all sites.

Littering trends showed an overall decrease in litter when collated across Australia in comparison to 2011 – 2012 figures. KABN commenced the current trend analysis in 2005 – 2006.

Data represents both litter items counted and a conversion to volumetric comparison (litres) per 1,000 sqm.

KEY FINDINGS

	Items per 1,000m ²								Volume (litres) per 1,000m ²							
	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13
NAT	70	74	68	63	66	61	58	56	8.86	9.68	8.59	7.73	7.55	6.49	6.24	6.13
ACT	–	68	56	56	51	45	58	55	–	7.04	6.06	4.77	3.31	3.73	4.93	4.66
NSW	80	71	77	65	75	69	58	61	14.95	14.69	11.90	12.13	13.43	10.72	8.98	10.15
NT	–	64	60	84	70	34	49	51	–	5.32	7.24	6.00	5.09	3.16	3.84	2.61
Qld	89	86	76	59	76	78	70	68	7.66	7.59	7.44	5.60	5.65	5.94	4.88	4.82
SA	60	61	68	57	54	55	57	53	7.23	11.08	9.55	8.02	7.13	5.36	5.53	4.62
Tas	59	70	61	64	86	85	86	83	5.15	6.68	5.90	9.20	9.04	8.23	5.96	6.52
Vic	71	80	48	43	50	39	36	30	7.87	7.74	4.19	2.87	4.91	3.99	3.67	3.20
WA	60	83	85	87	71	75	62	63	8.57	12.19	13.06	11.93	9.44	9.03	10.28	10.46

Full NLI report can be found at www.kesab.asn.au



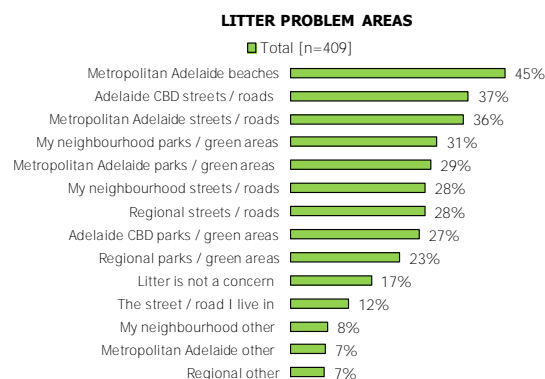
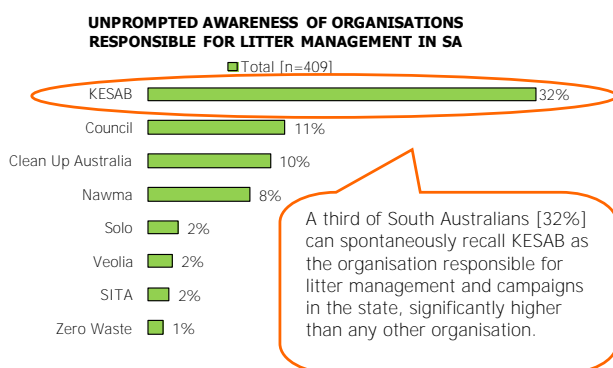
SOCIAL RESEARCH

Social research conducted by KESAB during the year highlighted that the South Australian community is concerned about litter and aware of the role KESAB plays to educate and engage through campaigns.

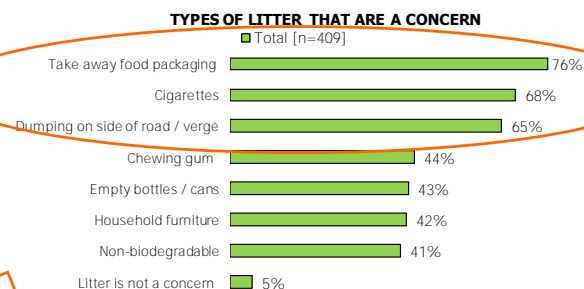
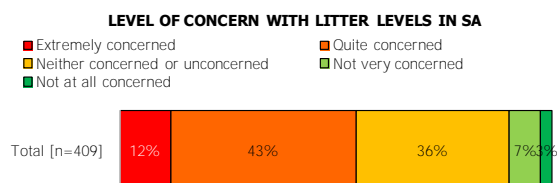
Over 400 people were interviewed in a telephone survey and asked about litter issues. Age demographic was 18 – 60+ with an equal mix of males and females interviewed.

Many of the respondents reflect the concerns that KESAB identifies with; the key one being that littering remains an environmental and personal behavioral issue. Increased consumer purchase of takeaway and convenience food as part of lifestyle change and continued indiscriminate disposal of butts are high on the list of concerns. The emergence of illegal dumping and roadside hard waste being dumped at kerbside is also highlighted.

JUNE 2013 KESAB OMNIBUS QUESTIONS



More than half of South Australians [55%] are extremely [12%] or quite concerned [43%] about litter levels.



Metropolitan beaches are seen as areas of most concern [45%] in regard to litter.



More than three in four [76%] believe takeaway food packages are a concern, followed by cigarettes [68%] and dumping on the side of the road [65%]

Square Holes Pty Ltd



COUNCIL PARTNERSHIPS

PORT ADELAIDE ENFIELD

The ongoing partnership with the City of Port Adelaide Enfield has seen residents and local schools engage with education programs and activities facilitated by KESAB.

SCHOOLS

KESAB has engaged approximately 900 students from education sites across the council area in education programs, including excursions to the Wingfield Interpretive Centre and incursions such as Recycle Relays and Papermaking.

Walkthroughs in five schools were also conducted to provide teaching, administration and grounds staff with information, recommendations and support to implement or improve separation systems.

A food scrap collection trail has commenced at St Patrick's School, using council bio-baskets to help divert this material into its green-lidded organics bins. The trial has been accompanied with short education sessions with all students about waste reduction and composting. A large Freddy Food Scraps banner promoting the kitchen organics campaign has also been erected on the school's fence line to educate the wider community about diverting food scraps from landfill.

COMMUNITY

Three full-day community tours were facilitated, and included visits to a number of waste and recycling businesses in Adelaide. One half-day green organics tour to Jeffries at Wingfield and Buckland Park was also run to show residents what happens to the materials from green-lidded bins.

Three presentations on waste and recycling were delivered to community groups in the council area showing residents what happens to their bin materials once they leave the kerb, including alternative disposal methods for items such as e-waste.

Walkthroughs at the Kilburn, LeFevre, Hillcrest and Enfield community centres were undertaken to identify opportunities to increase recycling and educate about correct bin use.

CLOTH NAPPY PROGRAM

Three Cloth Nappy Library Program presentations were delivered to residents at local library 'baby bounce' sessions. The presentations provided an explanation of the service available and explained the environmental and economic benefits of using cloth nappies.

INTERNATIONAL CLEAN UP MANSFIELD DAY

During April a clean-up event was held in Mansfield Park on 'International Clean Up Mansfield Day' and included staff and students from St Patrick's School, KESAB and council. The group collected 240L of litter; mainly cigarette butts and food and drink packaging. Anti-litter posters were also erected throughout the area.

FREDDY FOOD SCRAPS PROMOTION

Council's new waste education character Freddy Food Scraps was created in 2012 to educate residents about the kitchen organics recycling





Clean Up Mansfield Day: students and teachers from St Patrick's School, KESAB staff member Megan Bekesi and Alan Richardson Waste Management Officer, City of Port Adelaide Enfield

program. Freddy has since been widely promoted and used in conjunction with a number of community and school education initiatives.

To help promote the kitchen organics recycling program, Freddy has featured in three staffed information stalls at community events, including the Semaphore Street Fair and Port Mall Markets, one shopping centre display at the Greenacres Shopping Centre and in the Port Adelaide Twilight Christmas Parade.



Freddy Food Scraps character



KESAB staff and volunteers dress up as Freddy Food Scraps and other food items at the Port Adelaide Twilight Christmas Pageant

Freddy has also been used in a range of council publications, including community newsletter articles, the new waste calendar, an accompanying

letter with the yearly allocation of bio-bags, on a new poster series which has been rolled out to all community centres and libraries, and also features on a number of roadside banners throughout the council area.

CITY OF TEA TREE GULLY

KESAB continues its City of Tea Tree Gully partnership with a focus on introducing public bin systems which mirror the three bin residential system. This encourages people to separate their rubbish correctly in public spaces.

WATERWORLD BIN MATERIALS AUDIT

Waterworld swimming club volunteers consistently find high levels of contamination in their CDL bottle collections. The KESAB audit team examined both the CDL collection bins and the general waste skip and discovered that nearly 70% of waste bin materials could be recycled or composted and that Waterworld patrons were putting general recyclables in with the bottles and cans.

As the new season begins in September 2013, there will be more bin choices for disposal of materials as Waterworld introduces co-mingled recycling and organics collections to their existing system. Bins for CDL collection will have a rosette installed to reduce contamination and all bins will have Waterworld specific signage for correct disposal of materials.

We have also been working with the Civic Centre, Community Centres and Tea Tree Plaza to introduce consistent bin systems for separate collection of organics and recycling.

COMMUNITY TOURS

Community tours continue to be very popular for Tea Tree Gully residents and community groups now include a visit to Jeffries commercial composting facility at Buckland Park to encourage diversion of food scraps to the organics bin. Five tours were conducted in this financial year and four community groups have already asked for tours into the future.

SCHOOL EDUCATION

KESAB has worked closely with education sites across Tea Tree Gully Council through our incursion and excursion opportunities and linking with NRM and Wipe Out Waste programs.



In particular, Golden Grove High School has introduced 17 bin banks across the campus and is successfully collecting clean drink containers and removing food from the waste bin to a bin for food collection. A recent bin materials audit showed that they have improved their diversion from landfill by 33% which is a great result! A separate audit of their paper stream identified opportunities to reduce their paper usage and this will be part of their Site Environmental Management Plan (SEMP) into the future.

The school is a model for others in the region and has hosted professional development training and sharing session for students with an environmental focus and grounds staff from other Tea Tree Gully high schools.



Golden Grove High School bin banks – successfully diverting more from landfill and a model for school and public place collections

COMMUNITY GARDENING WORKSHOPS

Banksia Park Family Kindergarten is another site with a community focus on reducing waste and KESAB was able to assist them and four other Tea Tree Gully sites as well as members of the public, to improve composting and worm farm systems. Alan Shepard presented workshops at the kindergarten and adjacent community garden as part of International Composting Awareness Week in May.

CLOTH NAPPY PROGRAM

Residents participated in the statewide Cloth Nappy Program, with many hiring the kits to see which style suits their needs. We look forward to seeing a reduction in the amount of disposable nappies in the Tea Tree Gully kerbside waste bins as a result.

CITY OF UNLEY

COMMUNITY EDUCATION – KITCHEN CADDY SYSTEM

In September 2012 Unley Council introduced a kitchen caddy system to address the relatively high volumes of food found in Unley waste bins in a recent KESAB waste audit. The kitchen caddy system better facilitates the redirection of food scraps into the green organics bin.

The kitchen caddy system was showcased through several Shopping Centre displays run by KESAB, as well as articles published in the local messenger and Unley Life magazine. An instructional sticker was also developed by KESAB to be placed on the lid of the kitchen caddy. Since its introduction 380 residents have adopted the 'opt in' system.



Unley kitchen caddy with instructional sticker designed by KESAB

COMMUNITY INFORMATION DISPLAYS

Information displays run by KESAB staff were held at the Unley Shopping Centre and the Adelaide Showgrounds Farmers Markets.

COMMUNITY BUS TOURS

KESAB ran a full day 'Beyond the Kerb' tour exploring several waste, recycling and resource recovery sites as well as a half day 'Feeding the Soil' tour with a focus on food scrap recycling and composting. These tours were both well attended and allowed residents to experience first hand how materials are recovered for recycling as well as have their questions answered.

COMMUNITY GARDENING WORKSHOP

To celebrate International Compost Awareness Week, a community gardening workshop day 'Good Gardening at the Goody Patch' was held



on 4th May with experts presenting on topics of composting, worm farms and healthy soil management. Over 50 residents attended.



Alan Shepard delivering a presentation at the Good Gardening at the Goody Patch Community Gardening workshop

‘NO JUNK MAIL’ STICKERS

‘No Junk Mail’ stickers for letter boxes were designed and will be made available to Unley residents to collect from the Unley Civic Centre.

MEDIA RELEASE AND MESSENGER ARTICLES

An article titled ‘Don’t Waste your Christmas Break’ provided residents with tips to reduce their waste over the Christmas break.

E-WASTE EDUCATION

Information about E-waste recycling was provided for the Unley Life Magazine and website. A poster was also developed and distributed to Salvation Army stores asking residents not to leave their unwanted televisions, computers and other electrical equipment and advising them of the free drop-off points for recycling.

SCHOOL EDUCATION

A total of 269 students from eight Unley education sites engaged in a range of activities including, in school presentations, paper making, excursions to the Wingfield Interpretive Centre and Garden Island, and interactive games about waste and recycling (e.g. mini-bin sorting and recycle relays).

A Year 2/3 class from Highgate School exhibited their ‘Recycled Artwork’ at the Fullarton Park Community Centre. Seventy people attended the official launch on Friday 7th December,

including proud parents, grandparents, teachers, the Highgate School Principal and the Mayor of Unley, Lachlan Clyne. Kerry Matulick and Megan Scharthner from the City of Unley attended with Megan Bekesi from KESAB to support the young students. The display resulted from an excursion to KESAB’s Wingfield Interpretive Centre and That’s Not Garbage on 14th November, where the students learned about waste and recycling and created art and craft pieces from recycled materials.

PRESENTATIONS AND INFORMATION DISPLAYS

Presentations were held at Unley and Clarence Park Community Centres, providing residents with information about the Unley kerbside waste and recycling system. Information displays were erected at the Unley and Fullarton Park Community Centres and remained for a period of 2-3 weeks.



Display at Fullarton Community Centre

RESOURCES

New resources offering additional support to teaching staff and advice for implementation of recycling systems within schools enabled preschool educators to deliver activities themselves. Resources include activities on landfill, the three bin system, recycling and organics. The activities are highly interactive and provide curriculum links allowing teachers to connect excursions to the new Australian Curriculum. The post-excursion resource contains links to useful websites and videos and also includes a range of discussion topics and activities.



RESPONSE TO ENQUIRIES FROM RESIDENTS AND BUSINESS

KESAB continues to provide council residents and businesses with information and support about waste and recycling in response to direct enquiries to council.

ADELAIDE SHOWGROUNDS FARMERS' MARKET ZERO WASTE PROJECT

KESAB has been working with the Adelaide Showgrounds Farmers' Market to support it with the implementation of resource recovery and recycling systems with a vision to creating a Zero Waste Market.

PRESENTATION AT UNLEY BUSINESS BREAKFAST

A presentation was given to local business people at the Unley Business Breakfast by KESAB Executive Director John Phillips and the City of Unley program coordinator Megan Bekesi. Over seventy people attended the breakfast to learn about KESAB support services and the importance of resource recovery for businesses and councils.

CITY OF CHARLES STURT

THE CLEAN BIN MOVIE PROJECT

An outdoor movie screening of the Clean Bin Project was hosted by the City of Charles Sturt and KESAB *environmental solutions* at Henley Square. Over 100 people attended the event including Mayor Kirsten Alexander. The movie highlighted ways that individuals and community can all reduce waste and help the environment. Kitchen caddies were given out to residents on the night supported by general information on waste and recycling. Ecolateral showcased a stall



Council information display Henley Square



Community settling in for the Clean Bin movie – Henley Square

selling reusable sandwich wraps, coffee cups and drink holders and other items made from recycled materials. The event followed a proactive litter awareness and bin campaign highlighting the issue of cigarette butts (No.1 in litter counts). A large cigarette butt character was prominently on display and personal ashtrays were given out to smokers to encourage improved butt disposal.

PORT PIRIE COUNCIL WASTE EDUCATION

Port Pirie District Council engaged KESAB *environmental solutions* to support community waste education during the introduction of a new kerbside bin collection to residents.

The new service commencing May 2013 provided all residents with a new 140L waste bin, 240L recycling bin and a 240L green organics bin.

KESAB set up displays in three key locations (Centro Shopping Centre, Ellen Street Shopping Centre and in Crystal Brook) to offer support and information to the residents of Port Pirie about the new system.

The KESAB Education Officer was able to inform residents of bin colour coding and purpose relative to household waste materials and advantages of recycling and resource recovery.

The Education Officer was also able to respond to residents' queries about the new Transfer Station that was opened in June.

KESAB continues to support the Port Pirie District Council, and plans to hold more displays and education through Wipe Out Waste.



THE CLOTH NAPPY LIBRARY

Australian data show that 2.1 billion disposable nappies are disposed to landfill every year with South Australian local council waste averaging 6% disposable nappies in kerbside waste bins. Disposable nappies are a potential resource and volumes will increase as population grows (young and old). It is estimated nappies will take up to 150 years to break down.

WHAT IS A CLOTH NAPPY LIBRARY?

A Cloth Nappy Library offers families the opportunity to try cloth nappies before they buy.

The library contains what is considered the best modern cloth nappies and by hiring out a kit of nappies, parents can use the different types at home and decide what suits baby best.

A STATE WIDE PROGRAM

KESAB was successful in receiving funding through the 'Zero Waste SA - Waste Avoidance' Grants Program. The criterion of the funding application is to provide education and awareness of modern cloth nappies and to provide a \$40 subsidy on the nappy library kit hire fee to 375 families in South Australia.

In the six months the project has been running, KESAB has partnered with 11 local councils, the Women's and Children's Midwife Association and SA branch of Childbirth and Parenting Educators of Australia (CAPEA) to help promote the program delivering public demonstrations, supported shopping centre displays at Unley Shopping Centre, Tea Tree Plaza, Marion and West Lakes Shopping Centres and attended the Adelaide Farmers' Market.

Articles regarding the program have been published in The Advertiser, the Local Messengers and country papers.

KESAB recently surveyed 50 families that had used the nappy library, with a 60% response.



Cloth nappy models

The key findings from the survey were:

- 8% of families said the subsidised program encouraged them to give cloth nappies a go 'a great deal'
- 72% said – they had thought about it but didn't know where to start
- 20% said it was a bonus – they were always going to use cloth nappies
- 40.74% – use cloth nappies full-time and disposable occasionally
- 33.33% – use cloth nappies part-time (average three disposable nappies per day)
- 11.11% – use cloth nappies occasionally (mainly use cloth nappies)
- 0% – use the 100% compostable nappies only
- 7.41% – use a combination of cloth nappies and 100% compostable nappies
- 18.52% – do not use cloth nappies at all.

Findings also show families using cloth nappies full-time and part-time are not sending as many disposable nappies to landfill. It is estimated that between the 30 participants, 128 disposable nappies are not being disposed to landfill per day. This equates to 896 per week and 46,592 per year (based on seven disposables per baby per day).

Link, A (2003) Disposable nappies: a case study in waste prevention. Women's Environment Network.



WINGFIELD INTERPRETIVE CENTRE

WIC TURNS 1!

The Wingfield Interpretive Centre (WIC) was officially opened in November 2011 and celebrated its first birthday with stakeholders late last year. The centre is used regularly by a range of different groups, including schools, community groups, teaching staff and council employees.

Since its opening, the centre has engaged close to 3,500 students in educational activities, had approximately 1,000 people from 47 community groups pass through on waste and recycling tours, hosted seven Wipe Out Waste teacher workshops for 200 staff and seven Zero Waste SA Recycle Right training days for 140 council staff.

THE LAST 12 MONTHS...

During the last 12 months, the two hour excursion offered at the centre has engaged 1,860 students from 38 education sites across the state.

Students take a bus tour of the businesses in the Wingfield Waste and Recycling Centre where they are able to see first-hand the processes involved in managing waste to landfill, green organics for composting and construction and demolition materials for recycling.

Students then engage with a number of different interactive activities in the Wingfield Interpretive Centre. The activities allow students to explore 'best practice' recycling options, understand the implications of contamination in recycling and green organics loads and learn how to deal with 'tricky' items, such as electronic waste.

Students from St Brigid's School in Kilburn wrote:

"There was so much to see and do and to learn about. We learnt about what happens to the things we recycle at home and at school and how by recycling we cut down on landfill – we actually are doing something for OUR FUTURE!"

Support materials include a worksheet (tailored for junior primary, middle and upper primary and high school students), a pre-excursion information pack (detailing the structure of the excursion and information on the sites visited) and a post-



Lachlan Jeffries, Katie Burnett and Deb Trebilcock (Jeffries) receive Certificate of Support from Kathy Scarborough (KESAB)

excursion resource, which provides teachers with follow up activities, discussion questions and links to useful resources and videos.

RECYCLE RIGHT TRAINING

The popular Recycle Right Training tours conducted in partnership with Zero Waste SA and the Local Government Association continued this year. A total of 30 council Customer Service and Waste Education and Management officers from 10 councils attended the training sessions which included tours to waste transfer and resource recovery centres and information presentations from Zero Waste SA and KESAB. Each council was issued with a mini-bin game specific to their council area which can be lent to schools and community groups to assist with education.

Comments made by attendees:

"What was discussed was very educational and a great help to me to now know what to pass onto residents when they phone in with questions."

"I found the tours of the sites most interesting and seeing how labour intensive E-Cycle recovery is"

"It was great to learn how materials are recycled and how to encourage, and provide information to our council and residents"

"All presenters were very informative and interesting and passionate about their jobs"

"Very well organised, passionate people, excellent!"



COMMUNITY TOURS AND TRAINING DAYS

Lunch breaks and information sessions for 22 community tours were held at the centre, which enabled community members to view the educational activities and materials on display.

Two Wipe Out Waste teacher workshops were held at the centre and attended by 50 staff from 28 sites, which also included a tour of the local waste and recycling businesses. Zero Waste SA 'Recycle Right' training days for council staff were also held at the centre.

Twenty-two community tours were delivered to residents from the Cities of Port Adelaide Enfield, Tea Tree Gully, Unley, Charles Sturt, Campbelltown, Norwood, Payneham and St Peters, as well as groups from TAFE SA, University of the Third Age and participants in the Sustainable Communities program. One of the council tours was delivered to a non-English speaking and English as a second language group of Spanish senior citizens.

The full-day community tour enables participants to see the processes involved in managing waste to landfill, kerbside recycling, organics for compost, electronic waste and construction and demolition materials. Presentations are delivered by site managers at Transpacific Industries, Integrated Waste Services, VISY Recycling, Jeffries, E-Cycle Recovery and Adelaide Resource Recovery, with an opportunity to ask questions during the tour.



Tea Tree Gully residents visit Jeffries Receiving Yard (Wingfield) on a community tour



Kerbside recycling at VISY's Materials Recovery Facility – Wingfield

A half-day tour, with a focus on green organics has also been offered to councils. The half-day tour has been developed to help educate residents on the importance of food scrap recycling through their council's green organics bin. Participants visit Jeffries organics transfer station at Wingfield, before making their way to Jeffries commercial composting facility at Buckland Park. Residents are able to see the volumes of material that are collected for composting, and are also shown the problems that contaminants (such as plastic bags) cause in the composting process.

Tours have received overwhelmingly positive feedback from participants:

"I am most impressed with what I have seen. It makes me feel very proud of our State, particularly where we are leading the nation."

"Very informative and should be a must for everybody in our council."



LITTER LESS

Through its continued relationship with the Wipe Out Waste (WOW) schools program, the Litter Less resource has been presented to 80 representatives from 55 sites across the state, including primary and secondary teachers, NRM Education staff and pre-service teachers through a number of WOW/Litter Less workshops.

Litter Less is a Wrigley Company Partnership which has recently been extended for three years.

Four workshops were delivered in the state in the last 12 months – one at the Streaky Bay Area School, two at the Wingfield Interpretive Centre and one to a Hills Forum Group. This has provided both metropolitan and regional schools with the opportunity to familiarise themselves with the resource so they can integrate it into their existing education programs.

Holiday field trips continue to be popular, with the most recent trip on 18th April at the Wingfield Interpretive Centre, engaging approximately 20 school staff. Field trips showcase waste, recycling, organics and e-waste recycling in the state as well as provide information on the WOW program and Litter Less resource.

The Litter Less resource will be reviewed and redeveloped to align with the new Australian Curriculum and embrace new teaching methodologies. It is also hoped that the resource can be tailored for a wider age range, to ensure the resource can be used by any school interested in litter education.

WRIGLEY

A Subsidiary of Mars, Incorporated



Litter posters designed in 'language' for school Litter Less clean-up





LAUNCH OF THE COLES REDCYCLE PLASTIC RECYCLING PROGRAM

Through its partnership with REDcycle and Replas, Coles is supporting recycling of plastic bags and packaging, turning them into outdoor furniture for Aussie primary schools and pre-schools. The launch held in February at Coles' Welland store was attended by Minister for Environment Hon. Ian Hunter, Zero Waste SA Chief Executive – Vaughan Levitzke, Coles SA State Manager – Vito Borello, Replas General Manager – Mark Jacobsen, as well as other staff members from Replas, Zero Waste SA and KESAB *environmental solutions*.

A recycled plastic Replas bench seat was donated and presented to students from Woodville Primary School who have been actively involved in Wipe Out Waste and KESAB education programs.



Sally and Adrian (students at Woodville Primary School) demonstrating how to use the recycling system

INTERNATIONAL CLEAN UP MANSFIELD DAY

During April a clean-up event was held in Mansfield Park on 'International Clean Up Mansfield Day' and included staff and students from St Patrick's School, KESAB and council. The group collected 240L of litter; mainly cigarette butts and food and drink packaging. Anti-litter posters were also erected throughout the area.



Students from St Patrick's School participating in Mansfield 'Clean Up Day'



CCA GRANTS REPORT

Over \$50,000 was presented by KESAB to 14 organisations across South Australia in 2012 through the Coca Cola Beverage Container Recycling Community Grants (CCBCRG) program.

Grants funding was applied to a range of recycling activities, events, infrastructure, signage and equipment. The CCBCRG facilitated over \$125,000 of project value increasing recycling recovery and community engagement involving thousands of community participants.

Recipients included:

- Friends of Pt Moorowie
- Penfield Golf Club
- Point Turton Progress Association
- DC of Robe
- Millswood Tennis Complex
- Pt Vincent Tidy Towns
- Walker Flat Progress Association
- Seaford Shopping Centre
- Two Wells Scout Group
- Surf Lifesaving SA
- Tatachilla College (community event)
- Finding Work Place Solutions
- Hutt Street Centre.

Over 10,000 people attended the Rescue 2012 Surf Life Saving World Championships Carnival held along Adelaide beaches from Semaphore, Glenelg to South Port. The CCBCRG funding provided recycling bins for participating surf clubs and following the carnival the bins were distributed to all surf clubs (19) along the metropolitan coast providing much needed infrastructure that will be utilised for years to come.



Recycling bins full and ready for collection at Rescue 2012



Recycling bins and attractive signage – Seaford Shopping Centre

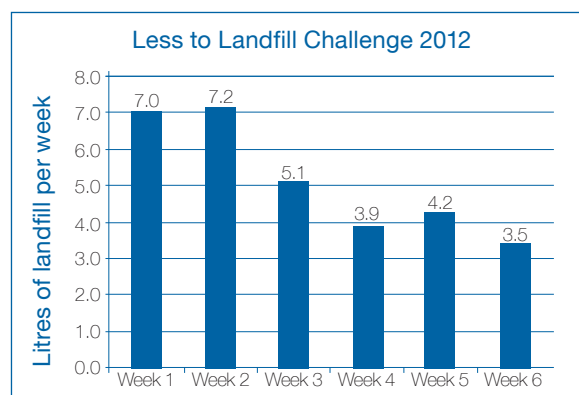


WIPE OUT WASTE (WOW)

WOW saw more new faces this year with Cally Malone joining the team. Caitlin Jaensch continued to provide WOW support until October before moving into other areas with the KESAB waste education team and we farewelled Heather Browett in June. Simone Cunningham took the role of Zero Waste SA liaison with WOW, following on from Erin Henson who has been our contact for the last six years. Jo Hendrikx now spends one day at week in the Zero Waste SA office working with Simone.

This year we've developed a range of new resources which has meant fewer WOW professional development sessions. Two Holiday Field Trips, a Teacher Expo, Finance Manager and Grounds/Facilities staff events and World Environment Day in the Botanic Gardens saw more than 500 students and 100 staff from over 50 sites participate in WOW presentations. Another highlight was a West Coast trip, visiting 20 sites in five days. We conducted two audits and also ran a workshop at Streaky Bay Area School. There is great work going on despite challenges with some services, like paper and cardboard recycling, not being available in certain locations.

In 2012, 132 classes from 32 sites took the 'Less to Landfill Challenge' to reduce daily landfill materials to a 300mL mini wheelie bin. Data from sites that sent in results showed an average 50% reduction in material to landfill! At Littlehampton Primary School, Year 6/7 teacher Debbie Taylor created a unit of work that received a commendation in the Primary Maths Challenge,



and will be gratefully added to WOW support materials.

In 2013, participants can access new WOW lunchbox stickers to aid as a 'nude food' reminder when packing lunches. It is apparent with the ever increasing number of so called 'convenience' products, that more information and support will help families to avoid and reduce these items.

Bin Materials Audits (BMA) results show that the average proportions of materials coming from sites has remained stable in recent years. The ongoing popularity of audits has led to the development of Bin Systems Assessments (BSA); a shorter visit to visually assess current systems, make suggestions and assist with developing a Site Environmental Management Plan. This year's 'Top 5' BMA performing sites and the five that have reduced most since their previous audit are listed below. Well done to all these sites!

Top 5 performers – least materials to landfill		
Site name	Litres/person/day to landfill	
North Haven Preschool	0.13	
Eastern Fleurieu – Strathalbyn R-7	0.39	21% reduction since 2007
Clarendon Primary School	0.20	
Brighton Secondary School	0.42	
Portside Christian College	0.43	
Top 5 reducers of material to landfill since last audit		
Woodville PS	0.56	66% reduction since October 2009
Australian Secondary School of English	0.67	53% reduction since 2009
Golden Grove High School	0.72	33% reduction since 2011
Holy Family Catholic School	0.74	25 % reduction since 2011
Eastern Fleurieu Strathalbyn R-7	0.39	21% reduction since 2007



Students at Goolwa Primary School undertaking a bin materials audit (BMA)

The average amount of material placed in landfill bins in SA education sites is 0.72 litres/person/day.

Census data for 400 sites that have attended workshops in the last seven years has also been updated and we have been discussing with the Department for Education and Child Development (DECD) to see how this bank of information can be used for DECD sites.

'The Amazing Journey of Your Recyclables' went to 997 school and preschool sites, with 400 delivered by council waste education staff and Natural Resource Management Education Officers. Feedback from sites on receiving this resource was overwhelmingly positive.

Other resources developed in the last year include our new website, WOW newsletter and information for schools to use with families.

Collaboration with Natural Resource Management (NRM) Education continues with joint presentations at Education for Sustainability (EfS) events to show how the two agencies can support sites with Site Environmental Management Plans. Involvement with EfS network and forum groups has generated links with agencies like OPAL (Obesity Prevention



Sticker for use on re-usable lunch box containers



The Wipe Out Waste Wizard and the Nude Food Dude!

and Lifestyle Program) which plays a key role in guiding families' food choices.

The 2012 round of Zero Waste SA (ZWSA) School and Community grants program awarded \$178,000 to 35 education sites that WOW will visit in the next two years.

Regular Friday night ABC 891 radio segments with Peter Goers have been a fun and informative way to gain wide public reach, as this show has the biggest listening audience in Adelaide. A meeting with 891 show guest Graeme Denton from Bright Spark Entertainment led to the development of 'Wally and the Wipe Out Waste Wizard', a 40 minute interactive performance for preschool to Year 4 students. This show will tour around the state over the coming years, accompanied by a package of follow up information for teachers and families, and other WOW activities with older students on performance days.

One of the key messages of the show is to work on reducing the amount of materials from home that are going into school landfill bins which is currently almost 50% of materials in bins. This will help students, sites and families move up the hierarchy to become better at reducing and avoiding.



APY LANDS: BORE TO TAP

Tjukurpa bore-munu tap kapi-tjara

In late 2012, KESAB *environmental solutions* was contracted by the Department of Environment, Water and Natural Resources (DEWNR) to undertake an innovative water conservation engagement and education program for Amata and Mimili communities in the Anangu Pitjantjatjara Yankunytjatjara (APY Lands). The program was developed not to compromise water use for 'healthy living', but to increase the understanding of the 'bore-to-tap' water story and the water treatment and testing processes.

A suite of resources was developed to educate the schools and communities on the water treatment and testing processes. It is hoped that an increased understanding around water in the community will lead to sustainable water use. The resources included talking books that incorporated artwork from local artists and illustrations from students at the local schools. The books were translated and narrated in Pitjantjatjara, the local language. A digital interactive resource was created, which complements the books, and shows the water treatment infrastructure and how this works to ensure clean and safe water for the community.

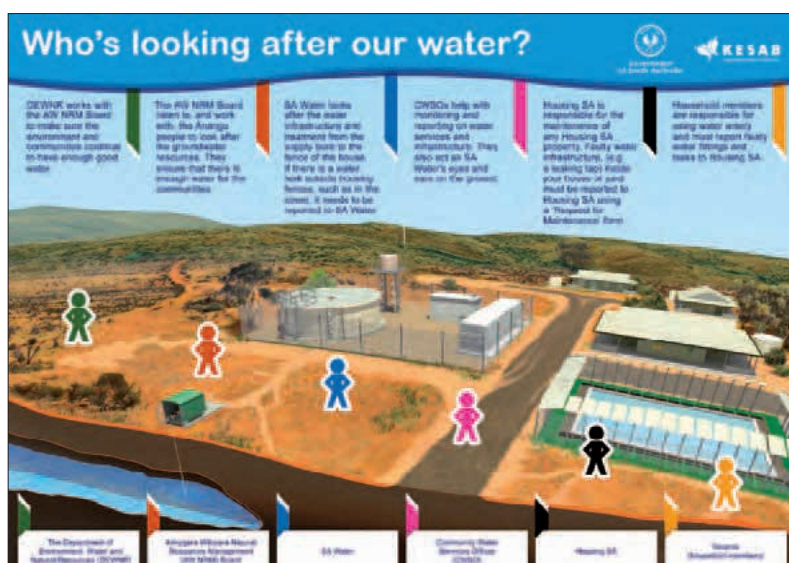
These resources were utilised in a series of school incursion sessions held at both Amata and Mimili



Innovative Talking Books in Pitjantjatjara and English were positively received in schools and community

schools in June 2013. Students learnt about the 'Bore-to-tap' story and also participated in water quality testing activities to highlight the importance of clean water for healthy living. The resources were also shared with the communities and a poster was created to communicate the roles and responsibilities of the different people and agencies working around the provision of water in the communities. The posters were displayed in the community stores, art centres, clinics and community offices.

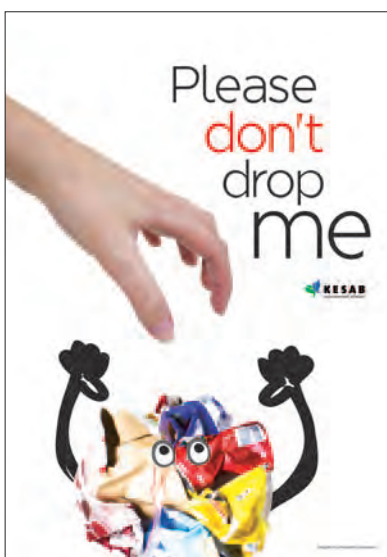
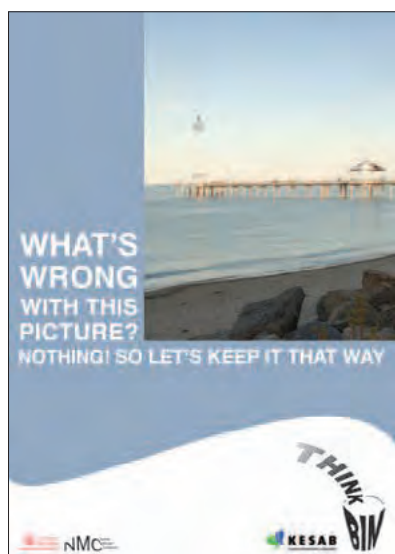
The APY Lands Bore-to-tap project was an intensive eight month education program developed and implemented for Amata and Mimili communities. The resources developed are hoped to be of benefit to the schools and communities for many years to come. Special thanks to Dr Christina Son for the research and dedication leading to the implementation of this important program.



Poster showing the 'Bore-to-tap' story from catchment, through storage and filtration to delivery



INTRODUCING NEW LITTER POSTERS



KESAB *environmental solutions* developed a new series of litter posters for primary schools, high schools and communities to educate South Australians about the ongoing issue of litter.

These posters were designed by third year creative design students from Tea Tree Gully TAFE Campus. A project brief was provided to the students in August and they presented their posters to KESAB in September for review. A first selection process was undertaken and posters

were chosen and displayed on the KESAB website and Facebook page as well as at a display held at Semaphore Library.

The library display was held in conjunction with the Sustainable Communities Awards. Schools and the community were invited to vote for their favourite posters. Votes were collated and posters were assessed by KESAB staff to determine those most suitable for the new resource.





KABN NATIONAL AWARDS

CLEAN BEACH, CITIES AND COMMUNITIES (TIDY TOWNS)

The KESAB Sustainable Cities, Communities and Clean Beaches programs have had a highly successful year in 2012 – 2013 at a national level. South Australia was represented at the Keep Australia Beautiful Association Awards programs by the City of Tea Tree Gully (Australian Sustainable Cities Awards), Goolwa (Australian Clean Beaches Awards), and Victor Harbor at the Australian Tidy Towns Awards.

In November 2012, the City of Tea Tree Gully won the Water Conservation Award at Australian Sustainable Cities Awards in Kogarah, NSW; receiving the award for outstanding commitment and efforts in becoming a water sensitive city. Work has been undertaken to ensure integration of their water supply with wastewater and storm water and the built urban environment to become a sustainable community. This strategy has reduced water use from approximately 900 megalitres per annum (MLp/a) to approximately 450MLp/a. The recycled water (stormwater and treated waste water) generated from these activities now gives Council access to in excess of 1,000MLp/a of water for use by Council, local schools, future developments, sporting groups and businesses.

In December 2012, Goolwa was announced as the Overall Winner at the Australian Clean Beaches program awards. The Clean Beaches program awards communities who actively work for a cleaner, more sustainable coastal environment. Awards are presented to local councils, volunteers, surf lifesaving clubs and other community groups who implement initiatives that care for dunes, protect habitats, educate the community, reduce litter and support tourism. The commitment, cooperation and hard work of the Alexandrina Council, Goolwa Coast Care, Goolwa Surf Life Saving Club, schools and the community won them the coveted award.

The Goolwa Coastcare group supported by the community, the Alexandrina Council and the schools has been crucial in protecting the fragile dune systems. The beach has been further enhanced with the addition of the Goolwa Surf



Front: John Phillips OAM (KESAB *environmental solutions*), Cr Pat Chigwidden (City of Victor Harbor), Don Chambers (KABN Chair), Mayor Graham Philp (City of Victor Harbor) Back: Andrew Panozzo (Investigator College), Lindsay Smith (City of Victor Harbor), Alex Hammett (KESAB *environmental solutions*), Tracy Shackleton (Keep New Zealand Beautiful)

Life Saving Club, and the entire Goolwa community is to be congratulated for their role in protecting the coastal environment, whilst maintaining a high level of public use and amenity.

In May 2013, Victor Harbor and Investigator College representatives travelled to Caloundra, Qld to attend the Australian Tidy Towns Sustainable Communities Awards. They were announced as the Overall Australian Winner, as well as winners of the Energy Innovation award, and the prestigious Young Legends Award. Not to be outdone, Victor Harbor also received a highly commended award for Resource Recovery and Waste Management.

KESAB *environmental solutions* Sustainable Communities Programs Manager Alex Hammett said, "Victor Harbor have been participating in Sustainable Communities – Tidy Towns for decades and to win the state award is a great achievement, but to take out the Australian award is tremendous. The town has clearly demonstrated the level of commitment the community has to the environment, heritage and culture and partnerships." Victor Harbor is currently recognised as having the third largest concentration of solar panels in Australia, with some 3,280 houses in Victor Harbor having at least a 1.5kWh system in place, with some houses installing 7.2kWh systems. Energy savings are estimated at \$280,000 per year with a corresponding carbon saving of approximately 3,000 tonnes.

A hugely successful year all round at the national level, and KESAB congratulates all those who were involved with the awards.



KESAB SUSTAINABLE COMMUNITIES

The KESAB Sustainable Cities and Communities program had another exciting and successful year in 2012 – 2013.

Over 200 category entries were received across the programs from schools, community groups, businesses and councils. The entries received were from a broad area across regional South Australia and of a very high quality, with some terrific new initiatives being highlighted.

The programs culminated with the Annual Awards Ceremony in October 2012, where over 85 awards were presented: The City of Tea Tree Gully was announced as the Overall Sustainable Cities winner and Victor Harbor was announced as the Overall Sustainable Communities winner. Both went on to represent South Australia at the national level later in 2012 and 2013.

Following the 2012 programs, KESAB *environmental solutions* identified the need to undertake some changes and a survey of current and past participants was conducted. Responses to the survey were combined with feedback from the Keep Australia Beautiful Association network on their programs and any trends/issues.

Using all of these responses as a basis, research was undertaken into the current Sustainable Communities framework and the following issues were raised:

- Current categories are not adequately capturing the activities in the community.



Winner Recyclers SA Award: Julian Kelsh, Bay Recyclers – Streaky Bay



Padnaindi Reserve – Blyth

- Some previous participants do not understand the new program, or believe they fit into it in its current format.
- Very few new groups are participating.
- Confusion with the entry requirements.
- Participants want more from the program than just an entry, judging and ceremony process.
- Communities are operating in a different manner now than when the program started, and the program must recognise the change in volunteer numbers, types of volunteers, liability and responsibilities and nature of regional South Australia.

In response to the feedback received from participants, and other KAB offices, the following were identified for the 2013 programs:

- New promotional material was developed, providing a consistent tagline and image for the program.
- Categories to be changed to reflect trends in the community:
 - Appearance, Amenities and Facilities
 - Litter Prevention, Waste Management and Resource Recovery
 - Natural Environment Conservation
 - Heritage and Culture
 - Community Action and Partnerships
 - Environmental Sustainability
 - Health and Wellbeing
 - Leadership and Youth Action
- Development of a winner's logo for use by the winning town.
- Greater value for participating – increased information in newsletters, in-depth case studies, recycling tour.



Outcomes of the process show that KESAB continues to work with the community in a meaningful and focused approach, responding to the many changes encountered by communities in today's rapidly transforming world.

A bonus is that the 2013 Sustainable Communities program has received strong support and new entries are embracing environmental sustainable action and education throughout South Australia.

SUSTAINABLE COMMUNITIES AWARDS 2012



'Overall Winner' sign proudly erected at the main entrance to Victor Harbor

Overall Winner	Victor Harbor
Small Town	Arno Bay
Medium Town	Kingston SE
Large Town	Victor Harbor

REGIONAL AWARDS

Mallee	Mundulla
Southern and Ranges	Victor Harbor
Mid North	Balaklava
Yorke Peninsula	Ardrossan
South East	Kingston SE
Eyre Peninsula	Arno Bay
Murray	Loxton
Outback	Marree

CATEGORY AWARDS

WATER

Water Infrastructure	District Council of Loxton Waikerie
Water Infrastructure	City of Port Lincoln
Water Infrastructure	Clare and Gilbert Valleys Council
Changes in Water Use	Kingston District Council

WASTE

Waste Infrastructure (Litter, Recycling and Resource Recovery)	Mundulla on the Move
Waste Infrastructure (Litter, Recycling and Resource Recovery)	District Council of Loxton Waikerie
Waste Education Integration	Loxton Primary School
	Barmera Primary School

ENERGY

Energy Efficiency Initiatives	Ardrossan
Energy Efficiency Initiatives	City of Victor Harbor
Energy and Climate Change Education	Stansbury Primary School

BIODIVERSITY

Biodiversity Initiative	Stansbury Primary School and Stansbury Tidy Towns
Conservation Activities (Rural)	City of Murray Bridge
Conservation Activities	City of Victor Harbor
Biodiversity Commendation	Crystal Brook Primary School
Biodiversity Initiative	City of Mount Gambier
Biodiversity Initiative	City of Port Lincoln
Biodiversity Initiative	Birdwood Primary School
Biodiversity Initiative	District Council of Yorke Peninsula

RECYCLERS OF SA

Recyclers Award	Waikerie Recyclers
Recyclers Award	Bay Recyclers
Recyclers Award	Renmark Recyclers

EDUCATION AND INNOVATION

School Initiatives	Eudunda Area School
School Initiatives	Goolwa Primary School
School Initiatives	Waikerie Primary School
School Initiatives	Mount Gambier North Primary School
School Initiatives	Kingston Community School
School Initiatives	Investigator College
Education Initiatives	District Council of Yorke Peninsula
Education Initiatives	Barmera Primary School
Community Initiatives	Cultana Jenkins Shack Owners Association

COMMUNITY ENGAGEMENT

Appearance	Kingston SE
Appearance	Loxton
Appearance	Goolwa



Local Government Partnerships	District Council of Yorke Peninsula
Local Government Partnerships	District Council of Loxton Waikerie
Commerce and Industry	Illalangi
Heritage and Culture	City of Mount Gambier
Heritage and Culture	Mundulla on the Move
Heritage and Culture	Peterborough Art and Cultural Festival Committee
Heritage and Culture	Blyth Progress Association
Community Engagement	Arno Bay Progress Association
Community Engagement	Brinkworth Progress Association
Community Partnerships	Stansbury
Community Initiative	Tailem Bend Progress Association
Community Initiative	National Trust Penola Branch
Community Initiatives	Balaklava Area Committee
Community Involvement	Minlaton
Community Involvement	Ardrossan

SUSTAINABLE CITIES

Water	City of Tea Tree Gully
Waste	City of Adelaide
Community Engagement	City of Tea Tree Gully
Biodiversity	City of Tea Tree Gully
Energy	City of Tea Tree Gully
Education and Innovation	City of Burnside
Overall Winner	City of Tea Tree Gully

CLEAN BEACHES AWARDS WAIKERIE

COMMUNITY COMMENDATION AWARDS

Scott Bockmann	Ardrossan
Malcolm Piggott	Tailem Bend
Dr Catherine Pye	Mount Gambier
Neil Wickstein	Arno Bay
Phil Barry	Balaklava
Helen Smyth	Loxton Primary School
Fred and Barbara Groom	Brinkworth
Lyll Oldfield	Marree
Cheryl May	Parndana
Madeline Sarre	Cornerstone College
Judges Commendation	Helen Jones
Judges Commendation	Mike Osborne
Judges Commendation	Stephen Goldsworthy

WATER FOR GOOD

Commendation	Dragons Rest Habitat Garden
Commendation	Waikerie Primary School
Excellence Award	Stansbury Tidy Towns and Stansbury Primary School
Excellence Award	Thebarton Senior College

NRM EDUCATION

Northern Adelaide and Barossa Region (finalist)	Faith Lutheran College
Northern Adelaide and Barossa Region (winning school)	Immanuel Lutheran College
Central Region (finalist)	Nazareth College
Central Region (winning school)	Marymount College
Southern and Fleurieu (finalist)	Hallett Cove Preschool
Southern and Fleurieu (winning school)	Woodcroft Primary School
Upper SA Murray Darling Basin (finalist)	Barmera Primary School
Upper SA Murray Darling Basin (winning school)	Waikerie Primary School
Lower SA Murray Darling Basin (finalist)	Eastern Fleurieu School
Lower SA Murray Darling Basin (winning school)	Strathalbyn R-6 Littlehampton Primary School
South Eastern Region (finalist)	Naracoorte South Primary School
South Eastern Region (winning school)	Millicent High School
NRM (statewide finalist)	Woodcroft Primary School
NRM (statewide finalist)	Waikerie Primary School
NRM (statewide winning school)	Marymount College



'Overall Winner' Keep Australia Beautiful National Clean Beach Award – Goolwa Beach (new surf club and car park area)



CLEAN SITE® – BUILDING A BETTER ENVIRONMENT

KESAB's Clean Site® program partners with building and construction industry associations, local government and the resource recovery industry to facilitate environmental best practice on domestic, civil and commercial construction projects.

Objectives emphasise increased recycling and resource recovery from building and construction sites, diverting waste from landfill, supporting Zero Waste SA targets and reducing stormwater pollution of local waterways and marine and coastal environments.

Positive outcomes have been achieved:

- Delivery of 'Environmental Toolboxes' supporting industry health and safety inductions on major construction sites.
- Providing onsite action complementing and supporting Environmental Management Systems, e.g. Seaford Rail Extension, SA Power Networks Cultana Augmentation project and working with new construction partner BADGE.
- Supporting training and education resources through Master Builders SA's Environmental Pack resource, HIA Greensmart, Construction Industry Training Board (CITB) RTOs and UniSA construction management courses.
- Involvement with Office and Consumer Affairs webinar to promote program to wide industry audience base.
- Achieving extensive resource recovery and recycling rates (over 90%) at major construction projects including Seaford Rail Extension, BADGE major projects and SA Power Networks Cultana project.



Mayor Brian Sambell (Town of Gawler), Damien Collins (Lend Lease), Dick Olesinski (Clean Site Consultant) at Springwood Development Clean Site demonstration day



- Introducing innovation encouraging onsite compliance at Seaford Rail Extension project through a 'Clean Zone' competition judged in partnership with project managers, VEOLIA and KESAB.
- Delivery of local government programs focusing on regional and metropolitan areas, e.g. Mid Murray, Charles Sturt, Mitcham and Gawler.
- Successful onsite demonstration day delivered, in partnership with BIANCO Construction Supplies and new partner Lend Lease at Springwood development at Gawler.
- Continued partnership with UniSA in providing 'Environmental Toolboxes' for students undertaking construction management, building surveying and estimating courses.
- Increased focus on CITB *Doorways2Construction* school network with delivery of 'Environmental Toolboxes' to regional teacher groups.
- Undertaking construction site audits to monitor environmental compliance.
- Partnership developed with Renewal SA focusing on two major developments at Bowden and Tonsley supporting Green Building Council accreditation.

To ensure the effective delivery of the Clean Site® program, the following organisations supported a broad range of environmental outcomes: Zero Waste SA, EPA, Renewal SA, VEOLIA, ResourceCo, SA Power Networks, CBS Bins, Lend Lease, the Construction Industry Training Board, Councils working in partnership with Master Builders SA, the HIA and industry training providers.

As housing and major development projects continue to evolve and grow within the state, the Clean Site® program is well placed to provide positive outcomes to assist industry in complying with environmental legislation to ensure a cleaner environment and a sustainable future for South Australia.



PALYA CLEAN COMMUNITIES AWARDS

The PALYA Clean Communities program has been conducted by KESAB in the APY (Anangu Pitjantjatjara Yankunytjatjara) Lands since 2006. The remote Aboriginal lands are located in the north-western corner of South Australia and consist of nine communities and numerous homelands.

Supported by Department of Aboriginal Affairs and Reconciliation and Zero Waste SA, the PALYA program engaged all communities and schools with focus on litter reduction, recycling beverage containers and best garden competition.

Communities participated in clean-up days (Pipalyatjara, Pukatja, Fregon, Indulkana and Mimili) and schools embraced the '3 Bin Game' in lessons followed by yard clean-ups.

Flash cards in the Anangu language were prepared and presented to students and classroom helpers. Images and text highlighted types of waste and the potential to recycle some from household rubbish bins before disposal to local landfill.

Awards recognised individual effort, community clean-ups, recycling and CDL beverage container collection, clean yards, school action and best gardens.

Plaques, rakes and brooms were presented to the community to encourage ongoing action in the PALYA Clean Communities program.

Data collected shows 26 households and over 200 students and community participated in the main awards program with over 6,000 beverage containers collected and diverted from local landfill. There is potential to significantly increase the number of CDL items collected with deposit refunds being returned to community to support school, art, sports and other activities.



Clean Site Metal Award signs presented to winners of Palyarunguni Clean Communities



Pukatja (Ernabella) demonstrating re-use, recycling and Clean Communities on Award Day



ROAD WATCH

While KESAB has increased and diversified its range of environmental activities over the years, it still remains the 'voice of litter' for South Australia, with road litter being a key focus area.

Roads are an important 'shop window' for visitors to our state, and road litter, in particular, is bad for business and the tourist experience. Litter damages fragile roadside environments (many of which contain rare and threatened species) and in coastal areas litter travels the storm water system to pollute creeks and oceans, causing harm to all forms of marine life.

Road Watch was introduced in 1996 as a joint initiative between KESAB and the Department of Planning, Transport and Infrastructure, to encourage greater community participation in roadside care.

Groups taking part in the program 'adopt' a section of road and then carry out various activities such as litter collection and planting and maintenance of native vegetation. Clean up reports sent in by groups provide a snapshot and understanding of litter and related issues on our roads.

Additionally, the good work and outcomes coming from the partnership with DPTI enhance the objectives of other state agencies i.e: Environment, Tourism, Volunteer and Road Safety.

ROAD WATCH GROUPS

Around 180 groups participate in Road Watch – some of these have been with the program since its inception 16 years ago. Comments and suggestions from groups continue to challenge the program and in some instances these have been important in provoking new thinking and initiatives.

10,000 REASONS (TO KEEP OUR ROADSIDES 'MOUTH LITTER' FREE)

In support of Keep Australia Beautiful week (August 2012), we partnered with the RAA in providing 10,000 motorist car tidy bags. The bags were made available free through the RAA Shop network to travellers in SA, with attention being drawn to the prevalence of food, drink, cigarette butts and packaging ('mouth litter') on our state's roadsides. Based on past research the program sees car tidy bags as being important in the push to decrease the incidence of road litter (i.e. more litter bags in vehicles = improved road litter outcomes).

VICTORIA ROAD 'LITTER KILLS' TRIAL

Following a letter of concern to the Minister from one of our group members, and in partnership



'Sam' the motor bike man (Tailem Bend) – example of roadside litter collected by Road Watch volunteers



with the Port Adelaide Enfield Council and local businesses, a road litter education and awareness campaign was put together in late 2012 along Victoria Road, Le Fevre Peninsula.

Drawing on research undertaken by KESAB the *Litter Kills* theme was introduced and displayed on eight roadside signs positioned along Victoria Road for a period of four to five months. The message tracked well in a small post campaign survey we undertook and now underpins our planning for a larger *Litter Kills* statewide roadside campaign.

‘LITTER KILLS’ ROADSIDE CAMPAIGN 2013 – 10 MAJOR SA TOURIST REGIONS

Based on the trial work undertaken on Victoria Road, KESAB is now partnering with the Australian Packaging Covenant and ten regional councils to introduce the *Litter Kills* roadside message statewide.

The Road Watch program has provided research, planning and strategy input for the campaign which is now set to roll-out across South Australia in the latter part of 2013.

DPTI – ROAD WATCH SUPPORT

The partnership with the Department of Planning Transport and Infrastructure has been critical in the growth and support of Road Watch over the years. In addition to the very significant volunteer effort, this has enabled us to introduce new and sometimes unique roadside initiatives along the way (e.g. Outback Pack, Dukes Highway Research, Highway Butt Litter Campaign, Dukes Highway – whole of highway clean-up).

The program has been a reference model of sorts for some interstate programs and it is particularly pleasing to see initiatives like the *Outback Pack* (which grew from the Road Watch program) now established in WA with some 40,000 packs being produced for outback motorists there in the past two years.



Government of South Australia
Department of Planning,
Transport and Infrastructure



Mixed bags of rubbish collected by Road Watch volunteer Geoff Allen



‘Mouth Litter’ poster created for Road Watch program



ZERO WASTE SA

Zero Waste SA continued to work as a catalyst for improved waste management, recycling and resource recovery practices in South Australia during 2012 – 2013. With South Australia's Waste Strategy 2011 – 2015 at the heart of its activities, its many programs are leading-edge and attract strong stakeholder support.

The agency's actions under the Waste Strategy are showing significant environmental and economic benefits. Recycling information collected in 2012 – 2013 showed that South Australia achieved a recycling rate of 76.5% in 2011 – 2012 – among the world's best – and the highest per capita recycling rate in Australia. Approximately 55% of this was construction and demolition material, 35% was commercial and industrial material and 11% municipal (household) waste. Since 2003 – 2004, reported resource recovery has nearly doubled from around 2 million tonnes to nearly 4 million tonnes.

Considerable economic benefits of these efforts include an estimated total direct market value of \$313 million for the materials recycled and reduced greenhouse gas emissions by approximately 1.28 million tonnes of carbon dioxide.

Zero Waste SA's activities included assisting South Australian businesses and industry to make resource efficiencies, helping more councils implement food scrap recycling systems, funding support for electronic waste and school and community infrastructure, and funding for regional and metropolitan infrastructure.

Zero Waste SA's global reputation continues to build as it contributes expertise worldwide. Zero Waste SA has joined the International Partnership for Expanding Waste Management Services of Local Authorities, an initiative of the United Nations Centre for Regional Development (UNCRD) and United Nations Department of Economic and Social Affairs.



Julie Hayes, Principal of Cowandilla Primary School with her students at Adelaide TAFE for the launch of the Recycling Education Resource for teachers of English as a Second Language



Highlights during the year included:

Business Zero

Waste SA's Industry Program targets a diverse range of businesses and government agencies to improve resource efficiency practices. With collaboration at its base, and a strong potential to save waste, energy, water and money in a difficult financial climate, the program continued to bring excellent outcomes for participating organisations. These included Aged Care Providers, Food SA, South Australian Wine Industry, Australian Industry Group, Printing Industries Association of Australia, Central District Football Club, Adelaide Produce Markets Limited, the Adelaide Festival Centre, Flinders University, St Andrew's Hospital, Wintulichs and Montezuma's. From the South Australian Government, Zero Waste SA also worked closely with SA Health.

Councils

Funding of \$1.15 million was offered to councils to introduce food scrap recycling systems. The aim is to encourage householders to compost food scraps by using their kerbside-collected green organics bin. To date, \$2.45 million has been awarded to 22 councils, helping approximately 188,900 households to increase their recycling efforts.

Community

To support the National Television and Computer Recycling Scheme for the collection and recycling of end-of-life televisions and computers and bans on electronic waste to landfill, in September 2012, Zero Waste SA provided \$218,810 in funding for 17 infrastructure projects to support the safe collection, storage, handling and recovery of electronic and electrical waste. Funding has assisted local government, e-waste collectors and recyclers with the safe collection, storage, handling and recovery of electronic and electrical waste.

Communications

Zero Waste SA's YouTube DVD 'What can we do with food waste' was also used at the Vienna Exhibition on Food Waste held in June 2013 to promote the avoidance of food waste following a request from the United Nations Information Service.



Students from Cowandilla Primary School at the launch of the Zero Waste SA and KESAB Recycling Education Resource for teachers of English as a Second Language

Education

The Recycle Right household education program, developed in 2009 – 2010 to improve the knowledge and behaviour of South Australians continued to increase its sphere of influence. Fifty five of South Australia's 68 councils are now using elements of the Recycle Right campaign materials – this represents 80% of South Australia's councils. New educational resources and activities were developed to support and expand the Recycle Right brand with a focus on strengthening engagement with Wipe Out Waste in schools and waste educators in local councils. These included: education resources for schools covering reception through to Year 9, collection calendars, banners for shopping centres, fact sheets and flyers, media engagement and two waste and recycling workshops for councils delivered by KESAB through the Local Government Association of South Australia.

Zero Waste SA's success would not be possible without the collaboration and support of its key partners in local and state government, KESAB *environmental solutions*, the waste industry and the University of South Australia.



NRM EDUCATION

NRM Education in Central Adelaide is proudly hosted at KESAB and is the flagship environmental education program of the Adelaide Mount Lofty Ranges Natural Resource Management Board.

NRM Ed supports schools to become more environmentally sustainable through the delivery of quality professional development, the facilitation of youth environment forums; providing support and advice for schools developing on-ground projects, encouraging student exploration of local environments and provision of quality resources.

Our work to encourage environmental sustainability in schools is guided by the South Australian Sustainable Schools Initiative (AuSSI-SA) model. NRM Education is the lead program for implementing this model in schools in the Adelaide region.

The Youth Action program encourages young people to make a difference in their schools and local communities by providing them with the skills for building a more sustainable lifestyle and developing sustainable projects. NRM Education facilitates youth forums which empower young people to have a voice and take action in their



RU MAD?: YEC Mentors Making a Difference (MAD) to the painted dog enclosure at Monarto Zoo

schools and community. Students also have the opportunity to represent their forum group and share their sustainability actions at statewide events of the Youth Environment Council (YEC) of South Australia coordinated by NRM Education.

NRM Education also delivers 'Engaging with Nature', which is a program designed to get students outdoors and connecting with nature. It has added dimensions for students to monitor biodiversity and to take action at a local site. Engaging with Nature comprises numerous monitoring activities of terrestrial and aquatic environments. The ultimate aim is to assist students to connect the head, heart and hands in relation to outdoor environments and develop stewardship as young people take action to improve their local environments.

SUPPORTING SUSTAINABILITY IN SCHOOLS

The AuSSI-SA model encourages schools to embed sustainability across all their areas of operation; including curriculum, site management, procurement, decision making and community links. The goal is to develop a culture of sustainability within the school. Schools show their commitment to this process by registering online to become an AuSSI-SA school.

To better meet the needs of schools, the AuSSI-SA model continues to evolve with significant input from NRM Education staff in partnership with staff from the Department of Education and Child Development (DECD).

Over the last 12 months NRM Education staff have directly assisted 147 AuSSI-SA registered schools and 86 non AuSSI-SA registered schools. This includes preschools, kindergartens and child care centres.

Evaluation is important in ensuring the success of the NRM Education program. To assess the programs and services provided by NRM Education, a survey is conducted annually and sent to all people who have participated or accessed NRM Education programs in the



previous 12 months. The aim is to identify the strengths and highlight areas for improvement in the way schools are serviced.

The teacher survey from the end of 2012 revealed a high level of satisfaction among respondents with the support services provided by NRM Education. 87% of respondents said that working with NRM Education was a 'significant' or 'very significant' influence on their progress with implementing sustainability across their school.

Schools are reporting the support offered by NRM Education through the AuSSI-SA model is very beneficial with outcomes such as:

- clear process for exploring sustainability as a whole-school focus
- developing and implementing goals for reduced resource use bringing associated financial savings
- developing a SEMP, which provides vision and focus for the school, is a record of achievements and in turn increases school access to grant applications
- professional development for staff which encourages stronger support and builds skills to increase staff and student engagement in sustainability at a site. Builds confidence in staff managing sustainability projects and programs within the school
- access to expert advice and the experience of other schools that have implemented similar sustainability initiatives
- strategies for ensuring sustainability is being incorporated across the curriculum as required by the new Australian Curriculum and National Quality Standards.

Youth Environment Forums continue to be an important tool for supporting student groups to carry out sustainability projects. In 2012 four environment forums (Southern Coast, Central Adelaide, Peninsula and Northern Hills) with 163 students from 21 schools worked on sustainability projects in their school and local communities.

In 2013 four forums are once again up and running with 196 students from 18 schools working on sustainability projects.

A further avenue for supporting student groups to undertake sustainability projects is the role of the Youth Environment Council. NRM Education and DECD are partners in empowering students to lead



Matt works with students to develop their leadership skills

their communities towards sustainable futures, providing leadership training to 60 students from 51 schools across South Australia. Student representatives come together to develop skills, share ideas and plan projects to implement in their schools. The impact of providing this training ripples across the state to engage 711 students from 144 schools across SA. Representatives also have the opportunity to share sustainability action projects with government ministers, showing the passion and enthusiasm young people have to make a difference.

Developing the capacity of teachers, through professional development remains a strong priority. Topics covered over the year include grant writing, connecting students with nature using head, heart and hands through nature, natural playscapes and the importance of recognising sustainability achievements. The Education for Sustainability (EfS) Learning Groups have proved very popular as teachers determine the sustainability topics to be explored including looking at literacy and numeracy through a sustainability lens and exploring the needs of high schools in implementing sustainability. These events have resulted in spin-off workshops with partner organisations to explore sustainability from a global perspective. In all, 26 professional development events were delivered to 420 teachers, educators and student teachers.

Our resource library continues to grow with new resources on topics such as sustainability literacy, children and nature, developing outdoor playscapes and the impacts of consumption.

Ninety two teachers, educators and students from 78 sites borrowed 223 items from our resource and equipment library, including DVDs, books, teacher resource folders, posters, identification charts and resource packs.



Colours of the Rainbow: students identify different colours within nature

The end of 2012 witnessed the end of our EDNA email list era. This system was replaced with a weekly digest that contains updates about teacher training, grants, resources and other school support opportunities. This new digest is highly valued by other sustainability education providers such as council sustainability officers, Wipe Out Waste, Stephanie Alexander Kitchen Garden Foundation, OPAL, the Urban Biodiversity Unit and other NRM regions who regularly promote events through our list. There are 1,784 subscribers to the digest, with over 300 new subscribers joining since last year.

The Education for Sustainability (EfS) Moodle is a new addition to the suite of communications from NRM Education. Whilst still in its infancy, it is hoped this will evolve into a solid resource promoting and sharing resources, stories and experiences for educators in the sustainability field.

Supporting schools to celebrate their achievements is an important element of our program. In 2012 NRM Education ran celebration events as part of the EfS Learning Group and the four Youth Environment Forum Clusters. Celebrations took the form of sharing progress, resources and milestones, as well as end-of-year assemblies to hand out certificates of achievement, running outdoor activities at local reserves or ordering a special lunch.

The Focus School program continues to gain strength by rapidly progressing selected schools through the AuSSI-SA model. This year, ten schools have been involved with the NRM Education Team at KESAB.

PARTNERSHIPS

Our partnership with DECD involves the roll-out of the AuSSI model and Youth Environment Council which are integral components of our program. In our work with DECD we co-develop resources (AuSSI delivery approach, indicators project, SEMP template, YEC templates and website), organise and manage events and teacher training, and cross-promote resources and services.

We also appreciate our strong working relationships with service provider organisations such as Wipe Out Waste, Urban Biodiversity Unit (within DEWNR), Energy SA, SA Water, the Department for Environment, Water and Natural Resources (DEWNR) and local Councils. We often refer schools to the resources and services available from these organisations.

The partnership between OPAL at the City of Charles Sturt (CCS) and NRM Education for the Charles Sturt OPAL School Garden Pilot Project was recently evaluated. In the pilot, NRM Education worked with each of the five participating schools to develop a SEMP based on a school food garden as well as assisting with training and education based on individual school needs. The partnership has resulted in increased outcomes for both programs with NRM Education providing support to embed the garden into the culture of the school to ensure longevity. The review commissioned by OPAL also found that the mix of expertise, funding and resources provided by the two organisations had been critical to capacity building within schools.

The NRM Education team based at KESAB is an integral part of the wider NRM Education team hosted at four other sites across the Adelaide and Mount Lofty Ranges (AMLR) region to deliver the NRM Education program. We work with our colleagues on activities such as teacher training, communications, coordinating the Northern Hills Youth Forum, facilitating the YEC, developing the AuSSI-SA model, developing and implementing the Engaging with Nature program, and strategic planning.

Our partnership with the Catholic Education Office (CEO) continues to grow as more Catholic schools move to embrace the Catholic Church's suggested sustainability approach 'On Holy Ground' and as part of this process, join AuSSI-SA.



NRM Education Central Adelaide provided interactive displays, talks, presentations and/or activities to 8,101 people at four events including, the Royal Adelaide Show and the Great Koala Count.

ENGAGING WITH NATURE

With the environmental challenges that lie ahead of us it is crucial that we reconnect young people with nature so that they better understand the systems and processes that drive life on Earth. Encouraging young people to step up and take action to improve local environments builds stewardship and the belief that we can create a sustainable future.

The Engaging with Nature program is NRM Education's answer to reconnecting young people with their local environment. Engaging with Nature is a whole of environment biodiversity monitoring program based on observational data collection undertaken by students at a local site. Data collected is shared between participating schools to build a bigger picture of their site, catchment or region. Ongoing monitoring enables schools to build greater understanding and ownership of their environment. In 2013, 44 data result events have been submitted by 11 schools in the Central NRM Education region.

The monitoring is connected to an essential 'taking action' component that is a response to the environmental indicators. Of the 11 schools involved, three used the data to take action at their site. With the growing interest in nature play and natural playscapes and the greater role NRM Education is playing in delivering professional development in these areas, it is anticipated that more students will be connecting the head, heart and hands in the next 12 months, which will result in a greater number of schools taking action in their local patch.

Several new exciting resources have been developed including a bird ID chart Birds of Fleurieu Peninsula, Wetland Birds and Aquatic Macro-invertebrates Teacher Information Packs and two learning sequences Looking at Habitat Diversity through Birds and Nest Boxes and Hollows Habitat Assessment.



Teachers engage in discussion about using local environments in their teaching



BUTT FREE AUSTRALIA

Cigarette butts contribute to 45% of all litter as demonstrated in the KESAB Litter Index. The task of reducing butt litter is ongoing and despite improved infrastructure and changing regulations including smoke free zones, butts continue to be disproportionate when compared to other litter types.

Butt litterers are a difficult group to reach and strategies must be built around available budgets and the ability to target polluters who are neither concerned nor conscious of their littering behaviour.

SMOKE FREE ZONE

KESAB monitored the pre and post results following the implementation of a Smoke Free Rundle Mall in Adelaide in Spring 2012 through end of Summer 2013. Despite new signage and an education campaign butt litter was not reduced.

Outcomes indicated a number of issues including limited education and awareness of the changes, inadequate signage and lack of enforcement to underpin the Smoke Free message.

The campaign has since been revisited with new signage, including shop window and paving stickers and corflute hoarding signs along construction areas during the Rundle Mall upgrade.



Smoke Free Zone design for footpath pavers and window stickers – Rundle Mall



'Kicking Butt' character used in YouTube campaign and Butt Free Day Tool Box

NATIONAL BUTT FREE DAY

In October 2012 KESAB conducted Australia's first National Butt Free Day with over 80 councils and organisations participating.

A Butt Free Tool Box was supported by:

- USB drive with high quality posters
- A3 Butt Free Day poster
- Q&A sheet
- Fact sheet
- Black Spot poster
- Hard copy poster and flyer
- Kicking Butt poster.

A 40 second YouTube advertisement was created and received interest through some media outlets resulting in significant media and exposure in all states and territories across Australia. Butt Free Day highlighted the significant impact of butt litter and cost of clean-up and infrastructure. Unfortunately it also demonstrated that smokers are not responding to awareness campaigns and engagement to change poor behaviour.



WASTE TO SCULPTURE PRIMARY SCHOOL RECYCLED ART COMPETITION

The Fleurieu Regional Waste Authority (FRWA) and KESAB *environmental solutions* conducted a Waste to Sculpture Primary School Recycled Art Competition throughout the Fleurieu Peninsula. Schools were invited to create a sculpture from recycled material. Five primary schools entered the competition; Encounter Lutheran College with the sculpture 'Tree of Life', Eastern Fleurieu R-6 Strathalbyn Campus with 'Tin Man', Goolwa Primary School with 'The Tree of Extended Life', Mount Compass Area School with 'Bottle Cap Curtain' and Victor Harbor R-7 with 'Manufactured Nature.'

Photographs of the sculptures were displayed at the Leafy Sea Dragon Festival held at Bungala Park Family Fun Day on 13th April and the 'Hooked on Books' store in Yankalilla. The community was invited to place votes for their favourite sculptures at the displays and also on KESAB's Facebook page. The sculptures remained at the schools as a permanent reminder for the school community to continue their recycling effort.

Awards were announced at a presentation held at the Alexandrina Council Chambers in May.

- **First place:** \$500 was awarded to Eastern Fleurieu R-6 Primary School, Strathalbyn Campus 'Tin Man' with 41 votes.
- **Second place:** \$200, was awarded to Victor Harbor R-7 Primary School 'Manufactured Nature' with 22 votes.
- **Third place:** \$100 was awarded to Mount Compass Area School 'Bottle Cap Curtain' with 19 votes.
- **Commendation award and merit certificates:** awarded to Goolwa Primary School for the sculpture 'Tree of Extended Life' receiving 18 votes and Encounter Lutheran School with the sculpture 'Tree of Life' receiving 17.

KESAB *environmental solutions* Sustainability Education Services Manager, Megan Bekesi said, "The quality, creativity and effort that each school has put into their sculptures is amazing and I feel privileged to have worked on this project. It is also very encouraging to learn how the schools have planned to re-use and recycle their creations after this at the end of the project."



Winners: Eastern Fleurieu R-6 Primary School, Strathalbyn Campus – 'Tin Man'

Creators: Jaiden Male and Willow Prusa (pictured) as well as William Joyner and Alex Holloway

Hon. Kym McHugh, Mayor of Alexandrina Council congratulated the schools saying, "On behalf of Alexandrina Council, I would like to congratulate Encounter Lutheran, Eastern Fleurieu, Goolwa Primary School, Victor Harbor Primary School and Mount Compass Area School for your enthusiasm for this competition. The level of creativity exhibited in the sculptures showcases the students' talent and commitment to recycling and reusing. The sculpture competition has been a great driver for community engagement in resource recovery education and I hope that our local schools have learnt more about the importance of recycling and reuse."

Marina Wagner, Executive Officer of the Fleurieu Regional Waste Authority said that, "Engagement with our communities across all age groups is a high priority for us with a strong focus on early engagement with the younger generation through kindergartens and primary schools. We saw beautiful artwork created by primary school students during the 'Just Add Water Year' which was the inspiration for us to go back to the primary schools with our 'Waste to Sculpture' competition."



RECYCLERS SA ENVIRO CALENDAR

The winning art entries from the 2012 Schools Poster Competition provided the base for the first KESAB Calendar. The success and interest in the environmental art format created an unusual partnership with Recyclers SA to run the 2013 Competition. KESAB received hundreds of entries from schools all over South Australia with posters,

collages, sculptures and other artworks embracing the theme of recycling, resource recovery and litter management.

Fourteen winners were selected from the entries received, and their winning artwork was used to develop the KESAB and Recyclers SA 2013 Calendar.

Award	Name	School	Year
Overall Winner	Molly Werchiwski	Naracoorte High School	9
Overall Runner Up	Corey Booker	Woodend Primary School	3
Highly Commended	Amber Harris and Kimberly Francis	Naracoorte High School	9
Winner	Elisha Nissen	Woodend Primary School	3
Winner	Sienna Montgomery-Pittaway	Murray Bridge Primary School	4
Winner	Callum Ferguson	Ardtornish Primary School	6
Winner	Tayla Gilbey	Ardtornish Primary School	6
Winner	Lionel Brunton	St Columba's Memorial School, Yorketown	6
Winner	Ishya Sharma	Norwood Primary School	6
Winner	Courtney Kavanagh and Alysha Merry	St Brigid's Catholic School, Evanston	7
Winner	Kaitlin Newell	Pooraka Primary School	7
Winner	Jakob Alchin	Trinity College South School	8
Winner	Bianca Davis	Trinity College South School	8
Winner	Madeleine Greenwood	Concordia College	8



Artist – Molly Werchiwski



Artists – Amber Harris and Kimberly Francis



Artist – Corey Booker



ACKNOWLEDGEMENTS

EXECUTIVE COMMITTEE

Chair	Toby Terlet	Veolia Environmental Services (leave of absence March 2013)
Acting Chair	Sharon Hanlon	Sharon Hanlon Consulting (appointed March 2013)
Vice Chair	Ashley Watson	Piper Alderman Lawyers
Treasurer	Courtney Morcombe	Ernst & Young
Executive Member	John Dangerfield	Waste Management Consultant

BOARD

Brendon Corby	Master Builders Association SA
Edward Nixon	Community Member
Mike Haywood	Sustainable Resource Solutions
Ben Haythorpe	RAA

APPOINTMENTS

Vaughan Levitzke	Ministers Representative
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FINANCIAL ADMINISTRATION

Gerald Welden	Accounts and Financial Management
Natacha Bursill	NB Accounts & Financial Management
Jennifer Iley	Wages

STAFF

John Phillips OAM	Executive Director
Louise Stewart	Office Manager & Product Sales
Alex Hammett	Sustainable Communities Program Manager
Matt Cattnach	NRM Education – Central Education Team Leader
Elisia Banks	NRM Education – Central Education Officer
Steven Walker	NRM Education – Central Education Officer
Amy Blaylock	NRM Education – Central Education Officer
Jo Hendrikx	Wipe Out Waste – Program Manager
Tony Jones	Road Watch – Program Manager
Megan Bekesi	Sustainability Education Services Manager
Grace Barila	Business Development and Special Projects Consultant
Caitlin Jaensch	Waste Education Officer / Litter Less
Kathy Scarborough	Waste Audits and Education Officer
Heather Browett	Waste Education, Bore to Tap and NRM Education Officer
Cally Malone	Waste Education Officer
Kerri Prossor	Waste Education Officer (casual)
Dick Olesinski	Clean Site program Consultant
Jackie Martin	Office Support (casual)



VALE

The KESAB Board, staff and members were saddened by the passing of Dr Bronwyn Halliday during the year. Bronwyn had a distinguished career across many spectrums including Chair of KESAB, Director of the State Library, Executive Director of Planning SA, Councillor at Flinders University, Chair of the History Trust and many other board and professional roles.

Bronwyn was inspirational, full of energy and passion, and a dedicated leader in South Australia. Fondly remembered.

FOUNDATION MEMBERS

Adelaide Junior Chamber of Commerce
Advertiser Newspapers Ltd
Australian Glass Manufacturing Co.
General Motors Holden Pty Ltd
Royal Automobile Association of SA
South Australian Brewing Co.

PATRON

C M Hill AM (*Life Member*)

LIFE MEMBERS

Scouts SA
Country Women's Association
Guides SA
Rotary International District 9500
Rotary International District 9520
Andrew Jeffery
Junior Chamber (*Jaycees*) SA
R Hall
C M Hill AM
Ian Keech
Ian McGregor
D McCarthy BEM (*deceased*)
Vince Monterola AFSM
G Parsons
L Willetts (*deceased*)
Radio 5AD
Radio Triple M
NWS 9

MEMBERS

Michael O'Reilly
Lions Club of Mount Gambier
Rotary Club of Victor Harbor
Balaklava and District Lions

LOCAL GOVERNMENT MEMBERS

Metropolitan
Adelaide City Council
City of Burnside
City of Campbelltown
City of Charles Sturt
City of Holdfast Bay
City of Marion
City of Mitcham
City of Norwood Payneham and St Peters
City of Onkaparinga
City of Port Adelaide Enfield
City of Prospect
City of Salisbury
City of Tea Tree Gully
City of Unley
City of West Torrens
Corporation of the Town of Walkerville
Rural Councils
Adelaide Hills Council
Alexandrina Council
Badge Construction
Barossa Council
Berri Barmera Council

City of Mount Gambier
City of Port Augusta
City of Port Lincoln
Clare and Gilbert Valleys Council
Coorong District Council
Corporation of the City of Whyalla
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District Council of Ceduna
District Council of Coober Pedy
District Council of Elliston
District Council of Franklin Harbour
District Council of Grant
District Council of Kimba
District Council of Lower Eyre Peninsula
District Council of Loxton Waikerie
District Council of Mallala
District Council of Mount Remarkable
District Council of Peterborough
District Council of Robe
District Council of Streaky Bay
District Council of the Copper Coast
District Council of Tumby Bay
District Council of Yankalilla
District Council of Yorke Peninsula
Flinders Ranges Council
Kangaroo Island Council
Kingston District Council
Light Regional Council
Mid Murray Council
Municipal Council of Roxby Downs



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Northern Areas Council
Port Pirie Regional Council
Regional Council of Goyder
Renmark Paringa Council
The Rural City of Murray Bridge
Southern Mallee District Council
Tatiara District Council
Wakefield Regional Council
Wattle Range Council

PARTNERS AND SPONSORS

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Adelaide Resource Recovery
Albox Australia
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Blackburn Elements
Boral Construction Materials
BP Australia
British American Tobacco Aust.
Bungala Aboriginal Corporation
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City of Onkaparinga
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Board

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and Natural Resources
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Children's Services
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Department of Water
DH&B Creative Communication
District Council of Mallala
Eco marketing
Environment Protection Authority
Government of South Australia
Housing Industry Association
Hungry Jack's Pty Ltd
Imparja TV
Imperial Tobacco Australia
Integrated Waste Services
Jeffries Garden Soils
Local Government Association of
South Australia
Master Builders Association
Media SA
Medika Gallery, Blyth
Messenger Press
Mike O'Reilly Public Relations
McDonald's Family Restaurants
McGregor Tan Research
Neighbourhood Watch Blair Athol
Packaging Stewardship Forum
Peats Soil & Garden Supplies
Piper Alderman Lawyers
RASAC (Regional Anagu Services
Aboriginal Corporation)
Read Brothers Signs
Recyclers of South Australia Inc.
ResourceCo
River Murray Urban Users
Committee

Royal Agricultural & Horticultural
Society
Rural Press
Scout Recycling Centre
Sims Metal Management Australia
Squareholes
SULO Waste
TAFE SA – Tea Tree Gully
Terramin Australia
The Advertiser
Urban Renewal Authority
Veolia Environmental Services
Visy Recycling
Waste Care SA
Waste Management Pacific (SA)
Pty Ltd
Wingfield Waste Management
Centre
Wirra Wirra Vineyards
Wrigley, A Subsidiary of Mars,
Incorporated
Zero Waste SA



AUDIT STATEMENT

**Keep South Australia Beautiful Inc.
Officers' report
30 June 2013**

STATEMENT BY MEMBERS OF THE BOARD

The officers present their report, together with the financial statements, on the incorporated association for the year ended 30 June 2013.

Executive Committee

The following persons were officers of the incorporated association during the whole of the financial year and up to the date of this report, unless otherwise stated:

Toby Terlet – Chair (Leave of Absence March 2013)
Sharon Hanlon – Chair (Appointed March 2013)
Ashley Watson – Vice Chair
Courtney Morcombe – Treasurer
John Dangerfield – Executive Member

Board Members

The following persons were board members of the incorporated association during the whole of the financial year and up to the date of this report, unless otherwise stated:

Brendon Corby
Edward Nixon
Mike Haywood
Ben Haythorpe
Vaughan Levitzke – Ministers Representative

Objectives

The principal activities of the Association are the promotion of a cleaner environment and a litter-free South Australia.

Operating Result

The Association recorded a Surplus of \$21,819 for the year after providing for income tax (nil) (2012 Surplus \$4,272)

Signed in accordance with a resolution of the Members of the Board

Hanlon S
Chair

Morcombe C
Treasurer

Signed at Adelaide this 13th day of Sept 2013

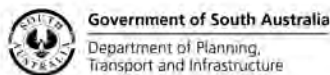
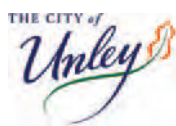
KESAB 2012 – 2013 Financial Report and Statements of Financial Position are available on request from KESAB Inc.



SPONSORS/PARTNERS



CITY OF
Port Adelaide Enfield



INTEGRATED WASTE SERVICES





Artist: Wawiriya Burton

Artwork: Ngayuku ngura - My Country

In this painting Wawiriya has depicted her country. The different colours and designs represent variations in the landscape.

Cover art taken from Ngayuku ngura - My Country

© courtesy of Wawiriya Burton and Tjala Arts



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Beautiful Inc.

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