

The Waste Paper

A PUBLICATION OF THE INSTITUTE OF WASTE MANAGEMENT OF SOUTHERN AFRICA

P O BOX 79, Allen's Nek, 1737

Tel: (011) 675-3462 or 4 Fax: (011) 675-3465

e-mail: iwmsa@telkomsa.net

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website: www.iwmsa.co.za

PRESIDENTS MESSAGE

Today I realised with a shock that two months of this year have passed. Once you start to think about what you have achieved in this period, it is almost as if you want to ask how it can be possible.

This year is our WasteCon year and from experience we know that the organising committee will experience a lot of strain and tension. Also from experience we know that thanks and acknowledgement for success is few. We will be going to Somerset West in September and as in the past we know that we will have good and fruitful sessions with ample possibility for networking and sharing of information. I know this is late, but I still want to urge any possible speakers to contact the organising committee to discuss possible papers with them. This is a prime opportunity to present your success and even the not so successful stories. Many people active in the waste industry will benefit from your information and experience.

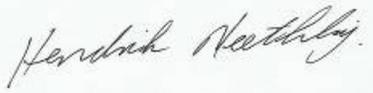
This is also the time when many of our waste colleagues at especially the smaller rural municipalities complain about cost to attend WasteCon. Any person who wants to attend but really cant find the means, should contact our Head Office for guidance instead of just stating that WasteCon is financially out of reach.

This year is also our Buyer's Guide year. We will once again have the trusted A-5 format and the ladies at Head Office will soon distribute information participation in this year's guide (see insert). This document is still the most valued guide in the waste industry and we firmly believe that you should list your company or yourself if you are rendering waste services to the industry.

To cap it all this is also election year. Shirleigh Strydom, our current Vice President, will take over the Presidency and a new Vice President will be elected. All branch representatives must also be elected. Head office will sent the nomination forms to you soon and you are requested to consider your participation with the necessary earnest. We need new persons to participate in the branch committees and this is your chance to participate and assist in making the difference you believe is needed.

At this point we have to share some bad news regarding education and training. Just when it looked like all the hurdles had been crossed, we suddenly hit the proverbial brick wall. With the move of the Water Chamber from the Local Government SETA to the Energy SETA, we were left high and dry. We cannot get our training material accredited since we do not know what SETA to contact for accreditation. The next step will be to contact the Department of Labour requesting them to resolve the matter, since the different SETA's are not prepared to take a stand. Watch the newsletters for the results from this.

Thanks for valued support from all our members and we look forward to meet you at WasteCon. Remember it is your WasteCon and Institute, without your support and participation both will fail.



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WEBSITE TO PROMOTE ESM OF E-WASTE IN SA

South Africa: A website was launched recently to promote the environmentally sound management of e-waste in South Africa. An initiative of the e-Waste Association of South Africa (eWASA), the site serves as an information hub to enlighten people about the dangers of electronic waste. The site list recommended service providers to take care of waste.

E-waste (electronic waste) includes computers, entertainment electronics, mobile phones and other items that have been discarded by their original users. While there is no generally accepted definition of e-waste, in most cases e-waste consists of expensive and more or less durable products used for data processing, telecommunications or entertainment in private households and businesses.

E-waste is both valuable as source for secondary raw material, and toxic if treated and discarded improperly. Rapid technology change, low initial cost and even planned obsolescence have resulted in a fast growing problem around the globe. Technical solutions are available but in most cases a legal framework, a collection system, logistics and other services need to be implemented before a technical solution can be applied.

Although the e-waste system in South Africa is still in its infancy the association hopes that more green channels and e-waste handlers will be able to be added to the list soon.

The country is fortunate not to have the kind of e-waste crisis seen in China and India and Nigeria. See <http://www.e-waste.org.za/PCs.htm>

eWASA was established after the Swiss e-waste initiative sponsored a baseline report on the e-waste situation in the country see <http://www.e-waste.org.za/report.htm>

Background note: The Swiss State Secretariat for Economic Affairs (seco) mandated the Swiss Federal Laboratories for Materials Testing and Research (Empa) to study the situation of e-waste recycling in developing and transition countries, South Africa being one of the partner countries. Switzerland has been successfully operating an e-waste recycling system for more than a decade. The project is envisaged to share knowledge and experience gained through this system and to establish "[Knowledge Partnerships in e-Waste Recycling](#)".

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UK - driving tyre recycling forward



A series of projects and trials investigating the properties and potential applications of new products made from used tyre waste are now underway with support from WRAP (the Waste & Resources Action Programme).

Rubber Recovery Ltd, based in Barnsley, is investigating the production of a retread compound with significant recycled content. Using technology proven overseas, they will be developing a process that adds specially formulated polymers to the recycled rubber crumb, enabling it to become chemically reactive again with virgin compounds. The retread compound will be used on truck and earthmover tyres.

In the second project, operational trials of a retread tyre produced using an alternative technology is being undertaken by Crumb Rubber Ltd of Devon. The company's ambient mechanical abrasive process is producing an ultra fine powder which is expected to show improved interactivity with virgin rubber blends. The improved performance characteristics of the powder are expected to lead to higher potential inclusion rates in virgin rubber blends.

These projects are part of a wider Tyres Programme being carried out by WRAP. Research and operational trials are also underway to test further applications for the construction industry, including roof tiles, concrete blocks, floor underlay and wall panels and for road surfacing. Steve Waite, Materials Project Manager (Tyres) at WRAP, said: "With shredded tyres banned from landfill sites from July this year, WRAP is working to develop new technologies and uses for recycled tyre rubber. These exciting projects have been funded because they offer the potential to significantly increase the use of recycled tyre rubber in the retreading of truck and earthmover tyres

Japan - shoppers may be charged for bags in 2007



Councils under Japan's Ministry of Economy, Trade and Industry and the Environment Ministry have approved a report proposing that shoppers be charged for plastic or paper bags distributed at supermarkets and other stores, according to officials.

However, The Japan Times reports that the proposal, presented by the ministries to a joint panel of the councils Monday, will not be part of

a bill to be submitted to the current ordinary Diet session in mid-March to amend the Containers and Packaging Recycling Law. Instead, it will be included in a guideline the Environment Ministry plans to outline based on the bill to reduce the use of packaging bags and containers.

The guideline would require retailers, including supermarkets, department stores and convenience stores, to set numerical targets to reduce the number of bags they distribute, the officials said, adding the ministries want retailers to start charging shoppers for bags in fiscal 2007.

In Curitiba, waste pickers (street scavengers) taught how to separate waste

In May this year, street waste pickers in Paraná State capital Curitiba, began to take part in a program aimed at raising awareness among the community over the correct separation of waste, which has proved an effective way of improving their working conditions, from collection to sales, and also ensures an improved environmental quality for the city. The initiative came from the Committee of Citizenship of Collectors of Recyclable Material of the Saint Felicidade Collective, and consists of the door-to-door distribution of educational pamphlets. Prepared by the Curitiba city government in partnership with the Ecologia Urbana NGO, the pamphlets contain information on recyclable, non-recyclable and toxic material, in addition to pointing out the

Information: smma@smma.curitiba.pr.gov.br

advantages of handing waste over to the street pickers. According to Maria Alice Erthal, environmental education manager at the city's Environmental Secretariat, the approach is expected to strengthen the links between street waste pickers and the community. "The action is being welcomed by the population, and has been breaking down prejudices on both sides, as well as being positively evaluated by the pickers themselves. Many of them have fixed locations to which to bring the material, which comes already cleaned and organized, allowing an improved use of the service. With these positive repercussions, we will soon be expanding the activity to other points in the city," says Erthal.

NGO SHOWS CAPE TOWN THE WAY

The Tsoga Environmental Centre in Cape Town is a long established environmental resource centre situated in Langa, but an additional centre is now being planned in the Samora Machel community. Cape Town does not have any municipal operated or initiated buy-back centre. With air space Cape Town's landfill sites fast running out and the city at risk of having no more landfill space by 2010 unless a new facility become operational, one would think that every effort would be made to minimise the waste stream arriving at the landfill.

Tsoga Environmental Resource Centre is successfully operating its own waste buy-back centre in Langa. The NGO is housed in a building constructed out of shipping containers. Tsoga runs four community programmes: walking tours for tourists visiting the township, a waste management operation, a garden and nursery that produce food, as well as environmental education programme. The Langa community has learned that recyclable materials should be brought to Tsoga. A number of collectors earn money by supplying waste materials to Tsoga and five people are employed on a permanent basis for this purpose. The collectors have established ties with regular sources of waste such as shebeens, taverns and spaza shops. The centre operates on a three day cycle where collectors gather waste for three days after which the waste is sorted at the buy-back centre. Once sorted it is baled into bundles and sold to organisation such as collect-a-can, Nampak and Enviroglass.

Initially Tsoga handled the transportation of the waste to these organisations; however the establishments now collect directly from the centre. Although successful, the opportunity for expansion of this programme is limited. Langa's footprint is limited as it is enclosed by highways and major roads with few linkages to neighbouring areas. This makes it difficult to collect waste from further a field. However in the case of Samora Machel this will be different with a far wider source area at the centre's disposal. Tsoga attracts wide participation

INTRODUCING OUR ORGANISATION MEMBERS –



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PIKITUP JOHANNESBURG (PTY) LTD – WELCOMED AS PATRON MEMBERS



Mr de Meyer stated that that IWMSA could not thank the Patron Members enough for their dedication and commitment to the IWMSA. At a recent function held Mr Siva Pillay was presented with a Certificate acknowledging Pikitup as the latest patrons to join the IWMSA. Mr de Meyer stated that the Patrons were the cornerstone of the IWMSA and, as all were well aware the patrons Members were those companies with which the IWMSA had chosen to align themselves, placing their reputations and resources into a partnership with organisations that took responsibility and a dedicated stand for that of the IWMSA.

The IWMSA takes up the challenge of promoting the science and practice of waste management in order to advance the profession of waste management. In doing so it faces the issues and demands on waste management and its practitioners, utilizing the synergy of a diverse and multi-faceted membership. They offer various classes of membership in an attempt to allow any person with a love and dedication for waste to become a member. For further information please visit the IWMSA website on iwmsa.co.za, membership forms can be downloaded and faxed to Head Office for processing on 011-675-3465

NEWS FROM COUNCIL AND HEAD OFFICE

As you might have seen from the November edition of The Waste Paper the IWMSA now has a new Vision and Mission. Council decided that the vision should not only portray their feelings, but the right of all to a clean and healthy environment. The IWMSA in its mission is committed to protecting the environment and people of Southern Africa through sustainable best practical environmental options. In an effort to assist its members with this endeavor The Buyers Guide and Directory will once again be produced by Head Office. I urge you to make use of this booklet which has fondly become known as the Red Book. This booklet is distributed widely and can be seen on many a desk as a quick reference to source the services of those smart enough to advertise in it. The cost has been kept low thus allowing all our members an equal opportunity to list their services. Please refer to the insert included.

Another important issue to take place in March will be the call for nominations for both the position of Vice President and for those of branch committees. This should be a very important issue for all you voting members because without your vote fair and transparent elections cannot take place. Call for nominations will go out at the beginning of March and I urge you to give this matter your full attention. Nominate persons whom you wish to see run the committees and nominees only accept the nomination if you have the dedication and time to serve. Those of you already serving on committees know that this is a voluntary position taking up much of your valuable time sometimes with little or no appreciation from fellow members. The term of office for branch committees is two years with most branches meeting once a month; events are held regularly requiring time and effort from the committees to arrange. The committees are the backbone of the IWMSA and without them the branches cannot function.

We then move onto the call for nominations for the position of Vice President, in my mind this is even a more important position and nominations should be carefully considered. Remember that all nominations would have to comply with the criteria as contained in our constitution. This position is one that requires a very dedicated person as the term of office is rather lengthy; this person will eventually become the President of the IWMSA. The Vice President and President will have the full support of the council who is made up from all the Branch Chairmen. All voting members have the right to nominate suitable candidates who in turn will have to accept the nomination. This is a very serious matter and should be addressed so, only nominate a person who in your mind would serve the membership with pride and take the IWMSA to greater heights.

**It's not only your right but duty as a voting member to VOTE!
Do so with pride, after all the IWMSA belongs to its members!**

The ballot that went out recently to change the term that the candidate for Vice President should have served on one or more official Institute structures or bodies of the Institute produced the following results:

RESULTS OF BALLOT - VICE PRESIDENT TERM

	Total	Yes	Yes %	No	No%
Organisation Members	193	17	8.81%	0	0.00%
Members	328	35	10.67%	9	2.74%
Total	521	52	19.48%	9	2.74%

The adopted clause will now read:

*11.3 Candidates for the office of Vice President must be Corporate Members of the Institute in good standing and must have served in an elected, co-opted or appointed position on one or more official Institute structures or bodies of the Institute for a continuous period of **two** years.*

BRANCH HIGHLIGHTS

CENTRAL BRANCH

(Gauteng, Northern Province, North West Province & Mpumalanga)

Chairman: Kobus de Meyer Tel. 011-675-3462



CENTRAL BRANCH GOLF DAY -

24 MARCH 2006

RANDPARK AND WINDSOR
GOLF COURSES - RANDBURG

CONTACT MARITA ON

082-490-5824

KWAZULU NATAL BRANCH

Chairman: Sue Benningfield Tel. 031-902-1526 / sueb@enviroserv.co.za

The KZN Branch held its Annual General Meeting on 3 November 2005 and combined this meeting with the end of the year Christmas celebration. The function was held at the "Lookout Café" at the entrance to Durban harbour, where it was possible to see ships passing within meters of the venue during the course of the evening. A request had been made by the KZN Committee for members to wear an item of clothing or an accessory made from waste and prizes were offered for the best outfits. Secretary, Angie Cockburn, was the Belle of the Ball in a skirt made from plastic bubble wrapping adorned with fish motifs. She was declared the winner of the Ladies section despite stiff competition from some of the other ladies present. In the Men's section Mark Liptrott was judged a clear winner. Mark's outfit, made from polypropylene, was designed and fashioned by pupils of the Ningizimu School for the Severely Mentally Disabled. Other highlights of the evening were wine and whiskey tasting competitions and a much enjoyed three course meal. The function was well attended and was graced by the presences of the IWMSA President – Mr Hendrik Neethling and Vice President – Mr Shirleigh Strydom.

The following is a provisional list of events taking place within the branch over the next few months:

30 March	Richard Bay Seminar and WMA Launch
24 March	Half day workshop at Engen on Hazardous Waste Strategy and WMA Launch
23 May	Meet and Greet
22 June	Black Waste Management Forum Workshop
21 July	Golf Day
17 August	Port Shepstone Seminar
19 October	Meet and Greet
16 November	AGM and Christmas Party

WESTERN CAPE BRANCH

Chairman: Jan Palm Tel. 021-948-9151/ janpalm@jpce.co.za

Landfill Interest Group (Western Cape)

Feedback from Poster Competition held in 2005 - first prize was awarded to Kevin Johnson. The prize was a paid-for trip to the 2-day KZN-LIG seminar in Durban including accommodation and attendance. This proved a very successful prize.

Poster Competition 2006 - Scheduled for 24 May 18h00 to 20h00 at the Cape Peninsula University of Technology (Cape Town Campus.) Expect approximately 25 students each with a poster. Topic is similar to 2005 - Integrated waste management with a focus on landfill. Planning by LIG for the event has started and is underway. LIG are aiming at getting political figures involved.

Marketing and interactive session with local authorities - DEA&DP hold quarterly meetings with surrounding local authorities in Cape Town. A representative from each local authority normally attends. The agenda will include a chance for the LIG (and IWM) to present the interest group and waste management to those present as an interactive information session and as a marketing tool to improve membership with local authorities (and thus future interaction.)

2-day seminar 2007 - was handed to LIG (Gauteng.) Planning will start later this year on how the Western Cape and Gauteng can both gain from the event.

EASTERN CAPE BRANCH

Chairman: Mervin Olivier Tel. 043-706 3600, molivier@gibb.co.za

The Eastern Cape Branch of the IWM has had an eventful few months. Committee Meetings are held on a monthly basis, with site visits organised every quarter. **Events held thus far include: EC IWM Mini-Conference – October 2005** – The EC IWM held a Mini-Conference in October 2005, which was well received and attended by one hundred and fifteen delegates. Delegates from around the country attended, with speakers offering a wide range of topics to ensure the interest of all in attendance. Presentations on Tyre Recycling, Responsible Container Management, Integrated Waste Management Plans, Restructuring Industrial & Urban Systems and Poly Timber, to name but a few. The conference was held over 3 days, with site visits to the East London Regional Waste Disposal Site and Daimler Chrysler SA on the final day of the conference. A Gala evening was held at Ernst Chalet Suisse on the first day of the conference, followed by a social evening on the second evening, with entertainment provided by local act 'Boet & Swaar'. Comments received from delegates and speakers alike included 'You have now set a benchmark for yourselves' and 'This is the one of the best conferences I have been to in many years'. The EC IWM is expecting to host the next Mini-Conference in September 2007.

Site Visits – 2006 – The EC branch has held two site visits this year so far. A visit to Collect-All Plastics was held in January 2006, which was well attended by members. On the 17th February, a site visit to Supreme Moulding was organised, which was well attended. Future site visits and socials include a visit to the recently opened East London Regional Waste Disposal Site and Glass Recyclers.

One-Day Seminars - 2006 – The first to be held will in Port Alfred on the 31st March, which has been arranged in conjunction with Responsible Container Management SA (RCMSA) and will cover all aspects of recycling. Delegates from around the country have been invited, including all Local and District Municipalities. June 2006 will see a One-Day Seminar on Umtata, which will focus on the roles and responsibilities of all in the waste stream, from the average household to that of DEAET and Local Municipalities.

Daimler Chrysler SA (DCSA) Youth Exhibition – 20 February 2006 – The EC IWM, in conjunction with DCSA, co-ordinated an exhibition day for 500 rural school children held at the Imbizo at the DCSA plant. The IWM arranged 500 environmental school diaries at cost price from the local Pick 'n Pay store, which were distributed to all learners. Exhibitors included DEAET, DWAF, Nestle, Amatole District Municipality, Reclam, EnviroServ and ARCUS GIBB.

Memberships – Currently, the EC branch has over 60 members on record, with a goal of 100 to be obtained in 2006. Membership drives will be held at each event this year and opportunities to market the IWMSA in Port Elizabeth are being planned.

If you are interested in joining, or need any further information on any of the above activities please contact the Chairman of the EC IWMSA, Mervin Olivier on 043-706 3656 or at molivier@gibb.co.za

NEW EC PAPER ON COMPETITION LAW & WASTE MANAGEMENT SYSTEMS - Media Release

The Director-General for Competition of the European Commission recently published a discussion paper on the application of competition law in the waste management sector. The paper provides some interesting insights into the definition of relevant markets in the waste management sector and examines various potentially anticompetitive practices by businesses involved in different levels of the waste management supply chain. Since the principles of the South African Competition Act are broadly similar to those in the European Community (“EC”) Treaty, the paper is important reading for South African companies involved in the collection, recycling and processing of materials such as paper, glass and plastic, as well as local governments and non-governmental organisations involved in setting up waste management systems.

The European Commission has passed three important directives in relation to waste management, dealing with electrical and electronic equipment (Directive 2002/96/EC), car wrecks (termed ‘end-of-life vehicles’) (Directive 2000/53/EC) and packaging waste (Directive 94/62/EC). These directives set EU-wide targets for the recycling, recovery and incineration of these waste types by member states. The paper examines the relationship between the obligations imposed in terms of these directives, and the competition law principles set out in Articles 81 and 82 of the EC Treaty. Article 81(1) prohibits agreements, decisions by associations of undertakings and concerted practices that are restrictive of competition, whilst Article 82 deals with unilateral conduct by dominant firms. These provisions are similar to the prohibitions on restrictive horizontal and vertical practices, and on abuse of dominance, set out in sections 4, 5, 8 and 9 of our Competition Act.

The paper recognises that environmental goals may sometimes conflict with competition policy. On the one hand, competition authorities aim to prevent anti-competitive practices such as market sharing, price fixing and exchange of commercially sensitive information, in order to stimulate competition and ultimately, to ensure lower prices for consumers. Competition policy can thus contribute positively to better environmental management, since it lowers the costs of activities such as waste recycling and increases efficiency in waste collection. On the other hand, however, widely accepted environmental principles, such as the extended producer responsibility or the ‘free-take-back’ principle may potentially distort or stifle competition. For example, forcing all manufacturers of new cars to take them back at the end of their life span may make it harder for non-manufacturers of cars to enter and expand within the market for dismantling of wrecked vehicles. This can result in higher recycling costs and ultimately, increases in the cost of new cars for consumers.

A distinguishing feature of the waste management sector is that waste recycling may only be economically feasible if it is done collectively. This is because the capital investment and maintenance costs for recycling plants are generally high, and waste may need to be collected over large geographic areas. It may thus only be viable to recycle waste if sufficient volumes can be collected in order to cover transport and processing costs. For this reason, the majority of European states have opted for co-operative rather than individual collection systems. However, as the paper notes, the mere fact that European companies are required to fulfil their waste management obligations under the Directives does not rule out the application of the EC competition law to their activities.

The paper notes that both horizontal and vertical competition concerns may arise from joint waste collection systems. Horizontal competition concerns may arise if collection systems facilitate anticompetitive action by competitors. These effects may be experienced in the market for collection and recovery itself (for example, paper or plastic recycling) or in the market in which the parties are active as producers of finished products (for example, in the market for finished electrical products). Where competitors are also shareholders in a collection system, their participation could potentially lead to the sharing of sensitive information, or privilege them over new entrants who are not members of the system, depending on the nature of the markets involved. In order to minimise this risk, the

paper recommends that waste collection systems should apply objective, transparent and non-discriminatory conditions with regard to membership criteria.

Recycling systems are often funded by fees paid by the member companies. Such fees generally depend on the packaging waste volume and the type of material involved and reflect the cost of the collection and recovery process. The paper observes that the setting of such fees by competitors could be anticompetitive in the event that this leads to the costs for collecting and recycling of waste products being harmonised and hence to these costs ceasing to be the subject of competition. Where packaging accounts for a significant percentage of the retail price of the product, co-operation between producers with regard to collection and recovery could lead to a high communality of costs and therefore the risk of price alignment in relation to the producer's final products. The fee structure of a dominant collection system may also result in an abuse of dominance if it offers rebates which are designed to attract all of the packaging of a member company, since this excludes other competitors from this business. The paper recognises, however, that whether an infringement has occurred will depend on the state of competition existing in the relevant market, and that these concerns are less serious where collection systems involve a wide range of producers involved in manufacturing different final products such as electrical goods, clothing and plastics.

Vertical concerns can potentially arise where collective waste systems involve businesses at different levels of the supply chain. It is quite common for a waste management system to conclude an exclusive agreement with a single waste collector for each particular collection district. In certain cases, depending on the state of the market, such arrangements may exclude other competitors. A detailed analysis of the number of competitors in the relevant market and the duration of each collection agreement will be required in order to establish whether this has occurred. The paper notes that in the market for the collection and sorting of household waste, such arrangements can generally be justified on the basis that this market is characterised by specific supply-side conditions such as strong network economies and established disposal traditions on the part of consumers. In order to enable collectors to achieve an economically satisfactory return on their investment, it may be necessary to conclude agreements for a significant period of time. Efficiency reasons as well as considerations of reliability and continuity thus favour the appointment of only one collector. However, exclusive agreements of an extended duration may be harder to justify in the case of commercial packaging waste, although this will always depend on a wide range of factors such as the nature of the waste being collected, how many competitors there are and the level of sophistication and size of the customers involved. The paper concludes that in order to minimise risk, contracts between waste management systems and collectors should be of limited duration and the procedure for appointment of contractors should be transparent, objective and non-discriminatory in order to ensure access to the collection infrastructure by new entrants and other potential competitors.

The aspects highlighted by the paper should be carefully considered by participants in the waste management sector in South Africa. In the last year, the Department of Environmental Affairs and Tourism has focused on the need for recycling and waste management (such as the plastic bag levy initiative), and as a result, a number of waste collection and recycling programmes have been initiated in various industries. Companies involved in such initiatives cannot, however, avoid the penalties applicable to contraventions of the Competition Act simply by arguing that their activities are in line with government policy. These penalties prescribed by the Competition Act are severe, especially where parties infringe one of the so called 'per se' prohibitions on price fixing and market division set out in Section 4 of the Competition Act. Accordingly, where firms are concerned that they may potentially have contravened the Competition Act, legal advice should immediately be sought in order to establish whether a contravention has occurred, and if so, whether an exemption application may be feasible. In certain cases, it may also be possible to apply for leniency from prosecution by the Competition Commission in terms of the Commission's Corporate Leniency Policy.

Deneys Reitz - Heather Irvine
Associate

Tel: 011 685 8829, Email: hpi@deneysreitz.co.za

WHAT'S ON?

Month	Date	Title	Presented by	Venue	Contact
March	29-31	Industrial Waste Management and The Environment Africa 2005 Conference and Workshop	Endorsed by IWMSA	Birchwood Hotel, Johannesburg, South Africa	
March	30&31	"Better Health Care Waste Management in Africa" and integral component of health	Beaver and Beaver Management Solutions (Ltd.)	Hilton Hotel, Sandton	Mr Ravin Jagesar Tel:011-787 7677 ravinj@telkomsa.net
May	24-26	Healthcare Risk Waste Management		The Park Hyatt, Rosebank	Marcus Evans SA (Pty) Ltd Sasha Imerman, 011-516 1000 Fax: 011-516 1001 sashai@marcusevean.ssa.com
Sept	5-8	WasteCon 2006	Institute of Waste Management of Southern Africa	The Lord Charles Hotel, Somerset West, Cape Town, South Africa	WASTECON SECRETARIAT Tel/Fax: 021 559 4574 cebisa@caxtons.co.za
October 2007	1-5	Sardinia 2007 Eleventh International Waste Management and Landfill Symposium		S.Margherita di Pula, Cagliari, Italy	www.sardiniasymposium.it

Central Branch – Capacity Building Session – Reality Check Recycling and Reduction

The Central Branch of the IWMSA hosted a very successful afternoon session last week, which was very well attended. Guests as far a field, as Knysna and Plettenberg Bay flew up, in an attempt to learn more on the various aspects of recycling. The first presentation was delivered by Bob Christie from Nampak who stated that in the current recycling market there was a significant oversupply of several grades of recovered paper, a possible solution would be to export the surplus. Mr Lombard stated that e-waste recycling in South Africa was still relatively new and that activities were planned for Cape Town, Durban, and Johannesburg to kick start the programme. Mr Steyn from The Plastics Federation provided the audience with interesting facts on plastic recycling and the various codes that are used to mark the various plastic products. The school essay competition launched last year was so successful that it will be run again this year. Dick Mulder from Pikitup stated that the composting plant at Panorama was proving to be very successful and the sales of compost had increased dramatically over the past few months. The cost for the compost was below that of the other brands and plans were under way to expand the operation to accept all the green waste from the City Parks Department. Shabeer Jhetam from Collect a Can gave an overview on the services of the company with interesting facts on the various modes of transport used by the individual collectors.

On the whole I think that the delegates walked away from the session with substantially more knowledge and I suggest that the branch shares their knowledge with the other branches throughout the country.

WELCOME TO OUR NEW MEMBERS

Central Branch	
Oil Separation Services Northern Province cc	Org
Municipality of Walvis Bay - Namibia	Org
Lombard, Johan, Stephanus, Mr	Member
Kwa-Zulu Natal Branch	
Jogiat, Riaz, Mr	Associate
Pillay, G S (Nelson), Mr	Member
Simelane, Raphael K Mr	Member
Western Cape Branch	
Bezuidenhout, Kathryn, Mary, Miss	Member
Ladouc�, Margot Alana, Mrs	Member
Ncwadi, Mpumelelo, Mr	Member



Registration for WasteCon 2006 Opens

Registration for **WasteCon 2006** will open on the **1st March 2006**. To take advantage of the Early Bird Packages delegates are required to book before **10 June 2006**. All participants are kindly requested to register in advance by completing and submitting the Registration Form and by paying the appropriate fees. Please note that the Registration Form is to be used to register one participant only and, if applicable, his/her accompanying person(s). Individual registration of the accompanying person is not allowed. **Registration via the Online Registration Form is highly recommended.** For those not wishing to register this way, registration will also be accepted by fax or email to the Conference Secretariat on +27 21 559 4574 or cebisa@caxtons.co.za and become valid upon confirmation of the registration fee transfer received by the Conference Secretariat.

Online Registration

Please visit www.iwmsa.co.za and use the **Online Registration Form** to register. Each participant registering online will receive a **PRN** - Personal Registration Number at the end of the registration procedure. **Please make a printout of your Registration Review where you will find your PRN!** An email confirming the registration details will be immediately sent to each participant. If you do not receive the email please contact the Conference Secretariat.

Other Registration Possibilities

A PDF/Word version of the Registration Form may be downloaded on the site. The Registration Form in PDF/Word format is to be used for registration by fax or email only. Each participant registering by fax or mail will receive an email with the registration details and **PRN** (Personal Registration Number) to be included in details of payment not later than one week upon submission of the Registration Form. If you do not receive the email please contact the Conference Secretariat. Please **do not send any payments without including the PRN** in the details of payment. Such payments cannot be identified

For further information or assistance please contact the Conference Secretariat on +27 21 559 4574 or cebisa@caxtons.co.za