ISWA REPORT

INTERNATIONAL SOLID WASTE ASSOCIATION
Promoting sustainable waste management worldwide
ISWA – the International Solid Waste Association – is a global, independent and non-profit making association, working in the public interest to promote and develop sustainable waste management. ISWA has currently members in 80 countries and is the only worldwide association promoting sustainable, comprehensive and professional waste management.

ISWA is open to individuals and organisations from the scientific community, public institutions and public and private companies from all over the world working in the field of and interested in waste management.

Being part of ISWA gives you an unparalleled access to international organisations. Through its Working Groups, ISWA helps these international organisations form policy by supplying technical papers and opinions regarding waste practices. ISWA is the only worldwide waste organisation, which allows you to net-work with professionals, companies and institutional representatives.

ISWA at a glance – the International Solid Waste Association in figures (2009 – 2011):

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of ISWA Members</td>
<td>764</td>
<td>864</td>
<td>1,143</td>
<td>↑</td>
</tr>
<tr>
<td>Number of ISWA National Members</td>
<td>36</td>
<td>35</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Number of Countries with ISWA Members</td>
<td>70</td>
<td>75</td>
<td>78</td>
<td>↑</td>
</tr>
<tr>
<td>Number of ISWA Events and Meetings</td>
<td>30</td>
<td>33</td>
<td>39</td>
<td>↑</td>
</tr>
<tr>
<td>Participants at ISWA World Congress</td>
<td>650</td>
<td>739</td>
<td>640</td>
<td>↓</td>
</tr>
<tr>
<td>Voluntary person days in ISWA Bodies</td>
<td>182</td>
<td>261</td>
<td>326</td>
<td>↑</td>
</tr>
<tr>
<td>Revenues in EUR’000s</td>
<td>529</td>
<td>855</td>
<td>1,125</td>
<td>↑</td>
</tr>
<tr>
<td>Number of Employees</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>↑</td>
</tr>
</tbody>
</table>

Indicators 2009-2011

This report is printed on recycled paper produced of 100 % recovered fibre, manufactured without optical brightening agents and chlorine bleaching.

This report is also available in electronic format on www.iswa.org or by scanning this QR-Code.
Managing Director’s Message

On the global level, key achievements have included the recognition of the role of waste management in the Climate Change negotiations. ISWA has worked on the connections between Climate Change and waste management since 2007 and developed a comprehensive strategy in co-operation with an external partner to have a greater influence on the Durban COP 17 Meeting.

Thanks to these efforts there was a specific reference to ‘waste management and other cross-cutting sectors’ in the final communiqué. Certainly the World Bank’s recognition of the importance of waste management in March 2012 combined with ISWA’s research and promotion of the advantages of enhancing waste management practices throughout the world will help to secure greater funding from international agencies and allow access to improved financial mechanisms after the Kyoto Protocol comes to an end in December 2012. ISWA will be working to ensure that this recognition is translated into practical reality through our newly created Climate Change Technical Support Unit.

ISWA has also initiated a Task Force on Globalisation and Waste Management. The Task Force on Globalisation will complete its work in 2013.

Both the ISWA paper on Waste Prevention, Recycling and Resource Management and our Climate Change work formed significant inputs to the two sessions led by ISWA at the Rio+20 Meeting in June 2012.

One of the main mechanisms in achieving these important outcomes globally has been the establishment of strong partnerships with other international organisations. We are now a key player in the global waste partnership headed by UNEP Of the six waste streams being researched ISWA is responsible for the one on Climate Change and is the only non-UN organisation leading one of these programmes.

Other organisations we are working closely with include UNEP through the IPIA (International Partnership for Expanding Waste Management Services of Local Authorities). We will also be joining with IPIA in early 2013 in a conference in Hyderabad, India.

We have also strengthened ISWA’s links with the Academic Sector and established the first Summer School in co-operation with the Technical University of Vienna.

The improvement in services and support for ISWA members has included the development of the ISWA Knowledge Base which allows access to ISWA’s growing stock of information and reports. With funding from the City of Vienna we have been able to develop a number of projects, several of which, including the development of guidelines for implementation of Solid Waste Management Plans, were completed in 2012, with others to follow in 2013. These provide ISWA members with information on a wide range of issues through the ISWA Knowledge Base.

Following successful meetings in 2011 and 2012 in Brussels ISWA has established a European Group to act as a focus for discussion with and supporting European Union (EU) institutions. This exciting new initiative should also allow us to access EU funding for ISWA’s work in the EU area for the future.

It has been a great privilege for me to be President of ISWA at such a critical time. I take pride in the fact that the products generated by ISWA Working Group Members have been endorsed and used by international agencies. We know that committed organisations like ISWA really make a difference through their value driven approach, their expertise and their persistence. ISWA can be proud that through our efforts the health and environment of many parts of the world have been significantly improved.

After a very hard-working phase we are able to present numbers that show and underline the very good results achieved for the years 2011 and 2012. We were able to gain a significant increase in memberships of all categories, in total a growth of 52% from 2010 to 2011. In addition the income from sources other than membership fees increased sharply due to revenues from projects and the organisation of various events, resulting in a total income of 39% greater than budgeted. These results affirm that the financial situation has been noticeably improved within the last year.

The cooperation with our National Members has been intensified with visits including special workshops, bilateral agreements and the implementation of new projects. We are also happy to have two new National Members on board. Furthermore we have developed a set of additional benefits for our various member groups, which are very well accepted based on the positive feedback we continue to receive.

Our communication measures were quite successful, particularly in the field of social media the campaigns and activities turned out as extremely useful in order to obtain a wider audience. Much attention has been paid to our activities in connection with the issue of waste and climate change, this applies for our participation in relevant major events as well as for the published brochures. One notable outcome of our various communication actions is the hits on our website which multiplied thirtyfold since 2010.

We have put a great deal of effort into providing first-class event management. With the organisation of five Beacon Conferences, two study tours and the Summer School covering key topics and tailored to specific needs and demands. Such events provide ISWA the opportunity to demonstrate its expertise and experiences in all kinds of waste management issues.

ISWA’s cooperation with International Organisations has been intensified which has led to a number of joint activities and projects. Particularly the contacts with UN bodies turned out as very fruitful, e.g. the cooperation with UNEP on Global Partnership on Waste Management and on a specific project for plastic recycling in the South-East Europe sub-region. In addition to that we inked some Memoranda of Understanding which involve concrete activities and joint events.

The implementation and continuous updating of the Knowledge Base gives ISWA a unique standing within the waste management sector and it is used widely among our members receiving approximately 3000 visits a month.

This has all been achieved with the valuable contributions and support from the ISWA Board, the Scientific and Technical Committee and the members from the various Working Groups. And of course the General Secretariat staff has been working ambitiously to reach this great outcome. On this occasion I’d like to say thank you very much for all your professional work and passion you have provided for ISWA.

And last but not least I want to say thank you to the sponsors for the ISWA Report, their contribution has been very valuable to issue this ISWA Report.

Best regards

Hermann Koller

President’s Message

On the global level, key achievements have included the recognition of the role of waste management in the Climate Change negotiations. ISWA has worked on the connections between Climate Change and waste management since 2007 and developed a comprehensive strategy in co-operation with an external partner to have a greater influence on the Durban COP 17 Meeting.

Thanks to these efforts there was a specific reference to ‘waste management and other cross-cutting sectors’ in the final communiqué. Certainly the World Bank’s recognition of the importance of waste management in March 2012 combined with ISWA’s research and promotion of the advantages of enhancing waste management practices throughout the world will help to secure greater funding from international agencies and allow access to improved financial mechanisms after the Kyoto Protocol comes to an end in December 2012. ISWA will be working to ensure that this recognition is translated into practical reality through our newly created Climate Change Technical Support Unit.

ISWA has also initiated a Task Force on Globalisation and Waste Management. The Task Force on Globalisation will complete its work in 2013.

Both the ISWA paper on Waste Prevention, Recycling and Resource Management and our Climate Change work formed significant inputs to the two sessions led by ISWA at the Rio+20 Meeting in June 2012.

One of the main mechanisms in achieving these important outcomes globally has been the establishment of strong partnerships with other international organisations. We are now a key player in the global waste partnership headed by UNEP Of the six waste streams being researched ISWA is responsible for the one on Climate Change and is the only non-UN organisation leading one of these programmes.

Other organisations we are working closely with include UNEP through the IPIA (International Partnership for Expanding Waste Management Services of Local Authorities). We will also be joining with IPIA in early 2013 in a conference in Hyderabad, India.

We have also strengthened ISWA’s links with the Academic Sector and established the first Summer School in co-operation with the Technical University of Vienna.

The improvement in services and support for ISWA members has included the development of the ISWA Knowledge Base which allows access to ISWA’s growing stock of information and reports. With funding from the City of Vienna we have been able to develop a number of projects, several of which, including the development of guidelines for implementation of Solid Waste Management Plans, were completed in 2012, with others to follow in 2013. These provide ISWA members with information on a wide range of issues through the ISWA Knowledge Base.

Following successful meetings in 2011 and 2012 in Brussels ISWA has established a European Group to act as a focus for discussion with and supporting European Union (EU) institutions. This exciting new initiative should also allow us to access EU funding for ISWA’s work in the EU area for the future.

It has been a great privilege for me to be President of ISWA at such a critical time. I take pride in the fact that the products generated by ISWA Working Group Members have been endorsed and used by international agencies. We know that committed organisations like ISWA really make a difference through their value driven approach, their expertise and their persistence. ISWA can be proud that through our efforts the health and environment of many parts of the world have been significantly improved.

After a very hard-working phase we are able to present numbers that show and underline the very good results achieved for the years 2011 and 2012. We were able to gain a significant increase in memberships of all categories, in total a growth of 52% from 2010 to 2011. In addition the income from sources other than membership fees increased sharply due to revenues from projects and the organisation of various events, resulting in a total income of 39% greater than budgeted. These results affirm that the financial situation has been noticeably improved within the last year.

The cooperation with our National Members has been intensified with visits including special workshops, bilateral agreements and the implementation of new projects. We are also happy to have two new National Members on board. Furthermore we have developed a set of additional benefits for our various member groups, which are very well accepted based on the positive feedback we continue to receive.

Our communication measures were quite successful, particularly in the field of social media the campaigns and activities turned out as extremely useful in order to obtain a wider audience. Much attention has been paid to our activities in connection with the issue of waste and climate change, this applies for our participation in relevant major events as well as for the published brochures. One notable outcome of our various communication actions is the hits on our website which multiplied thirtyfold since 2010.

We have put a great deal of effort into providing first-class event management. With the organisation of five Beacon Conferences, two study tours and the Summer School covering key topics and tailored to specific needs and demands. Such events provide ISWA the opportunity to demonstrate its expertise and experiences in all kinds of waste management issues.

ISWA’s cooperation with International Organisations has been intensified which has led to a number of joint activities and projects. Particularly the contacts with UN bodies turned out as very fruitful, e.g. the cooperation with UNEP on Global Partnership on Waste Management and on a specific project for plastic recycling in the South-East Europe sub-region. In addition to that we inked some Memoranda of Understanding which involve concrete activities and joint events.

The implementation and continuous updating of the Knowledge Base gives ISWA a unique standing within the waste management sector and it is used widely among our members receiving approximately 3000 visits a month.

This has all been achieved with the valuable contributions and support from the ISWA Board, the Scientific and Technical Committee and the members from the various Working Groups. And of course the General Secretariat staff has been working ambitiously to reach this great outcome. On this occasion I’d like to say thank you very much for all your professional work and passion you have provided for ISWA.

And last but not least I want to say thank you to the sponsors for the ISWA Report, their contribution has been very valuable to issue this ISWA Report.

Best wishes

Jeff Cooper
1. Mission and Objectives

Mission

ISWA – the International Solid Waste Association – is a global, independent and non-profit making association, working in the public interest to fulfil its declared mission:

“To Promote and Develop Sustainable and Professional Waste Management Worldwide”

ISWA achieves its mission through:

- Efficiency in terms of environmental practice
- Social acceptability and efficiency in terms of economic viability
- Advancement of waste management through education and training
- Support to developing countries through ISWA Development Programme
- Professionalism through its programme on professional qualifications.

Objectives

ISWA works to protect human health and the environment and to ensure sustainable resource management. The objectives of ISWA are to promote and develop sustainable and professional waste management practices worldwide through scientific, economic and social instruments by:

- Providing an international network, to share knowledge, data and experience in waste management
- Organising expert working groups to advance knowledge and expertise
- Organising professional meetings, seminars and conferences for the dissemination of information
- Developing and implementing education and training courses on various aspects of waste management including a qualification and training courses
- Making available the results of state-of-the-art developments, experience, research and best practices through high quality, professional publications
- Cooperating with the National Members of ISWA, as well as with International Organisations and Institutions whose goals and activities are related to ISWA’s objectives
- Promoting and strengthening sustainable waste management practices in developing countries.

Implementation

ISWA is the only worldwide association promoting sustainable, comprehensive and professional waste management.

The association is open to individuals and organisations from the scientific community, public institutions and public and private companies from all over the world working in the field of and interested in waste management.

ISWA is working with its unique mix of members who span the whole waste sector for the promotion and development of sustainable waste management across the world. Being a non-profit and non-governmental association, ISWA is able to promote an unbiased view of sustainable waste management.

ISWA promotes and develops sustainable waste management through:

- The work of its ten Working Groups who are the drivers for ISWA’s technical work
- The organisation of around 40 professional meetings, workshops and conferences per year
- The development and implementation of projects, and through the co-operation on joint projects with other International Organisations
- ISWA’s three Regional Development Networks (RDNs), working on key waste issues specific to Latin America, the Balkans/Mediterranean/Middle East and the Asia Pacific area
- Raising professional standards through tailor made training courses and through its International Waste Manager (IWM) programme
- The ISWA Project Grant
- The ISWA Knowledge Base
- The work of its Task Forces on Science and on Globalisation and Waste Management
- The production and dissemination of high quality, professional publications
- Communication and Publication awards.

ISWA is the leading international association of reference for high quality professional information and advice regarding all aspects of waste management.

How ISWA fulfilled its mission and objectives in 2011 and the first half of 2012 is described in detail in chapter 3 “Promotion of Sustainable Waste Management”.

2. Organisational Structure

ISWA functions through an organisational structure plotted and pictured below. The relations between the different bodies of the association and their establishment, competences and responsibilities are laid down in a complex set of rules, abbreviated “STROG” – the Statutes, the Internal Regulations and the Operational Guidelines.

The General Assembly

The General Assembly is the ruling body of ISWA and consists of the official representatives of the – currently 37 – National Members. Its specific duties include establishment of membership requirements, dues, and policy. The General Assembly empowers the Board with responsibilities for managing, through the General Secretariat, the affairs of ISWA. The General Assembly meets annually at the ISWA World Congress (See chapter 3.1.).

The President

The President represents ISWA in all of its activities and chairs the General Assembly. He serves a two-year term and also chairs the Board.
The Board
The Board is elected by the General Assembly and is responsible for all strategic and policy issues of ISWA. Within the authorities assigned to it by the General Assembly, the Statutes, the Internal Regulations and Operational Guidelines, the Board assures that the mission of ISWA is met. The Board met 5 times in 2011 and 3 times in the first half-year of 2012, the main issues and activities were as follows:

Changes in the STIROG
Several motions have been put forward by the Board and the Review Group to change the STIROG in order to harmonise it with the new objectives and to make the existing regulations more clear. The General Assembly approved all relevant changes and asked the Board and the General Secretariat to implement these changes.

Successfully completed Projects
The Knowledge Base which has been live on the website since April 2011 is emblematic of the association and is something to be very proud of. At press date more than 1,200 documents covering all fields of waste management are available at this unique digital library which is widely used by ISWA members. Of course the Knowledge Base is updated continuously concerning contents and convenient handling.

A comprehensive action plan and communication kit was developed and carried out with regard to the United Nations Framework Convention on Climate Change (UNFCCC) Conferences. A delegation of the Board represented ISWA at the Conference of the Parties (COP 17) in Durban, South Africa. The main aim of the action plan – that Waste Management and Recycling is identified in the final UN-declarations on climate change as a crucial sector for investment to mitigate climate change – has been accomplished. (See also chapter 3.7.1).

Ongoing Projects
The projects funded under the Project Grant proceed as scheduled and the first results will be available at the General Assembly and World Congress in Florence. The selection of the projects was based on a parcel of deliverables focusing on key issues, such as thermal treatment in emerging economies, landfill under tropical conditions, hazardous waste management and climate change. The projects are all in line with STC guidelines and ISWA’s Priorities and Programme Plan. A transparent monitoring system has been established on the ISWA website with reference to the overall budget and amounts received by projects.

The Globalisation Project brings a global view to waste management and key insights, such as the integration of the informal sector, the role of megacities and the lessons learnt through development assistance.

The Priorities and Programme Plan completed in 2011 has been taken as a basis to develop the Vision and Work Plan 2012 – 2015. The goal of this document is to identify a vision and an ambitious and feasible work plan for the medium term. The Board in co-operation with the General Secretariat will finalise and implement this important document which will be updated when necessary.

New Editor in Chief for WM&R
As Professor Jens Aage Hansen who rendered outstanding service as Editor in Chief (EIC) of ISWA’s scientific journal Waste Management & Research (WM&R) will step down at the end of 2012 a call for bids was made to find an appropriate replacement. An EIC Selection Committee was formed and this committee unanimously selected Professor Paratiamby Agamuthu from Malaysia as the new EIC who will take over this position as of January 2013.

The General Secretariat
The General Secretariat is the headquarters of ISWA and is responsible for the operational and administration matters, for event management, and for the development and implementation of projects, plans and strategies.

The Managing Director serves as the chief executive officer of ISWA and is responsible for all planning, management, direction, co-ordination and support to all ISWA operations, committees, meetings, publications, relations with other organisations, and for the membership- and business development.

Following completion of the reorganisation of the General Secretariat the focus of activities and projects over the last year has been as follows:
- Cooperation with International Organisations
- Event management
- Member service measures
- Development and implementation of the Communication Plan
- Realisation of image- and social media campaigns

The activities concerning event management have been largely extended. Already four Beacon Conferences took place in the first half-year of 2012, with one more still to come before the end of the year. Furthermore two study tours, three international workshops and – for the first time – a summer school for PhD students as a two-week event have been organised (See also chapter 3.2.).

Also for the first time, ISWA acted as an official partner of IFAT ENTSORGA, the World’s leading trade fair for waste management taking place in Munich. The ISWA booth was very well attended during this week-long mega event and very good feedback has been received from our members and visitors (See also chapter 3.6.4.).

Various extremely effective communication measures have been carried out. Particularly in the field of social media the activities have turned out to be a useful means to obtain a wider audience and to raise public awareness. One notable result of this year’s communications actions is the number of visits on the ISWA website which has tripled since last year (See also chapter 3.8.).

Continuous comprehensive service and newly created benefits for ISWA members proved to be successful: a lot of new members were gained in all categories.

A multitude of projects on specific issues in co-operation with renowned international organisations, mainly UN bodies, have been carried out and completed successfully. In addition to that we signed some co-operation agreements with International Organisations, e.g. Memoranda of Understanding with the US Environment Protection Agency/Global Methane Initiative to specifically deal with methane issues, and with the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).

Members of the Board in 2011/2012

Jeff Cooper, United Kingdom, President
David Newman, Italy, Vice President
Helmut Standler, Austria, Treasurer
Antonis Mavropoulos, Greece, STC Chair
Erik de Baedts, The Netherlands, National Member Representative
John Skinner, USA, National Member Representative
Jørgen Haukohl, Denmark, Organisation Member Representative
Petri Kouvo, Finland, Organisation Member Representative
Goran Vujic, Serbia, Regional Development Network Representative
Guah Eng Hock, Singapore, Regional Development Network Representative
Carlos Silva Filho, Brazil, Regional Development Network Representative

The Board at the General Assembly 2011

The team at the ISWA General Secretariat in Vienna, from left to right: Herrmann Koller (Managing Director), Julia Schönheir (Administrative & Project Assistant), Ceryndol Habenicht (Communications Manager), Rachael Williams (Technical Manager), Alfred Hörschuter (Finance & Member Service Manager) and Kim Winternitz (Event & Project Manager)
Scientific and Technical Committee
The Scientific and Technical Committee (STC) is established by the General Assembly and governed by its Chair and the current Chairs of the ISWA Working Groups. The STC represents ISWA’s technical expertise and coordinates the activities of the Working Groups. Members meet 3-4 times a year, often in connection with the Board meetings. The Chair of the STC is also a member of the ISWA Board.

For more detailed information on the 2011/2012 activities of the STC see chapter 3.2 below.

Working Groups
ISWA Working Groups are established by the Board upon recommendations by the STC. The purpose of the Working Groups is to serve as the principal means for ISWA to deliver its technical and scientific programmes. As such, the Board and the ISWA members look to the Working Groups for technical information and assistance, basic and applied research, professional meetings, and the development and dissemination of information regarding solid waste management. Currently there are ten Working Groups.

For more detailed information on the Working Groups and on their activities during 2011/2012 see chapter 3.3 below.

Task Forces
Task Forces are established to handle special new challenges identified by the Board which require expert and concentrated attention which cannot be provided by a Working Group. The Task Forces provide a means for ISWA to obtain specialised information to assist ISWA in policy and programme determination. Task Forces are established for a specific purpose and assignment, have a stated length for existence, are administered by the STC, and are disbanded when their effort is completed. For the period 2010 – 2012 there are two active Task Forces, one on Globalisation and one on Science.

For more detailed information on the ISWA Task Forces and on their activities in 2011/2012 see chapter 3.4 below.

Regional Development Networks
ISWA has established different Regional Development Networks (RDNs) to more effectively reach regions outside of its traditionally strong areas (i.e. Western Europe and North America). The RDNs aim to promote sustainable waste management by carrying out activities and developing programmes that focus on their region’s special needs and challenges.

In 2012 the RDNs were quite active and put a lot of effort into extending ISWA’s visibility. The Latin America RDN organised a side event during the Rio+20 United Nations Conference on Sustainable Development in Rio de Janeiro. The Balkans, Middle East and Mediterranean RDN organised a very well attended conference in Novi Sad with participants from all surrounding countries. And the Asia and Pacific RDN organised a Beacon Conference on Globalisation, Urban Metabolism and Waste Management.

There are currently three RDNs that have been established, each of them represented by one member on the ISWA Board. National Members within the area of the RDNs are:

Asia and Pacific Regional Development Network
Australia
WMMA Waste Management Association of Australia
China
CAUES China Association of Urban Environmental Sanitation
India
NSWAI National Solid Waste Association of India
Japan
JWMA Japan Waste Management Association
Korea
KSWM Korea Society of Waste Management
Malaysia
WMAM Waste Management Association of Malaysia
New Zealand
WasteMINZ Waste Management Institute of New Zealand
Singapore
WMAS Waste Management and Recycling Association of Singapore

The Balkans, Middle East and Mediterranean Regional Development Network
Bosnia and Herzegovina
BASWA Bosnian Solid Waste Association
Croatia
CROWMA Croatian Waste Management Association
Greece
HSWMA Hellenic Solid Waste Management Association
Israel
DRAT Dan Region Association of Towns - Sanitation & Waste Disposal
Romania
ARS Romanian Association of Solid Waste Management
Serbia
SeSWA Serbian Solid Waste Association
Turkey
Turkish National Committee on Solid Wastes

Latin America Regional Development Network
Argentina
ARS Association for Solid Waste Studies
Brazil
ABRELPE Brazilian Association of Public Cleaning and Special Waste Companies

ISWA world map as per July 2012

Membership Categories
ISWA has the following different membership categories: National Members, Organisation Members, Individual Members, and Online Members.

The National Members (see chapter 6.) are non-profit waste management associations representing the waste management sector in a particular country. Generally, these associations have members from both private and public entities. Based on ISWA regulations, the National Members are the only members allowed to vote at the General Assembly and thus they constitute the governing body of ISWA. Through the National Members, ISWA’s network reaches out to some 25,000 to 30,000 global professionals interested in the waste management field.

Organisation Members are public or private organisations and companies working in or associated with the field of waste management which, depending on the annual dues paid, enjoy a different range of member benefits (see chapter 7 and www.iswa.org).

In total ISWA currently has more than 1,100 Members domiciled in more than 80 countries.
Membership Development
Due to comprehensive efforts in membership service and acquisition measures, we were able to gain a significant increase in memberships of all categories in 2011, with a total growth of 32% compared to 2010.

The evaluation of the first half of 2012 shows that ISWA’s constantly growing reputation has encouraged the majority of existing ISWA members to renew their membership. In addition, ISWA continues to attract new members, especially Company/Organisation Members (Gold and Silver Members). A total number of memberships similar to 2011 can be expected by the end of 2012.

National Members
Currently, we have a total of 37 National Members (see also chapter 6.), all of which are regular National Members, following the decision to eliminate the category of Incoming National Membership. We are pleased that two National Members from southeast Europe have joined us in 2012: Croatia and Bosnia and Herzegovina. Currently, we are in contact with some promising candidates for National Membership including developing countries.

Organisation Members
The number of Gold and Silver Members has been increasing noticeably over the past year, and we are very pleased that we were able to gain new members from various economic sectors and different countries. (see also chapter 7.)

Individual/Student/Online Members
These three categories have grown substantially in 2011.

Member Service
In the beginning of 2012, National Members were provided with a questionnaire concerning an Activity Report for 2011. The results were very encouraging, with 16 National Members submitting reports, which were evaluated and analysed.

As a request resulting from these reports, and to further improve the relationship between the Association and its National Members and Company/Organisation Members (Gold and Silver Members), the ISWA General Secretariat started to arrange a series of business meetings with National Members and existing and potential new Company/Organisation Members from the beginning of 2012.

The aim of these business meetings is on the one hand an extensive exchange of information regarding the work and activities between ISWA and its National Members, and on the other hand to discuss options for joint activities and projects in the future. All the meetings which have taken place so far have been very fruitful with very positive feedback and several follow-up projects could be achieved.

Attractive new benefits have been introduced to each of the various membership categories. Despite the implementation of a number of additional benefits, membership fees have not been increased over the last years. A moderate fee increase for all categories is proposed for 2013.

With a new fee structure including a new member category, special offers for developing countries and several additional member benefits, ISWA is confident to gain new members in all membership categories.

SAGE Publications, the publisher of ISWA’s Journal Waste Management & Research, conducted a survey on behalf of ISWA to understand and improve the value of benefits offered by ISWA to its current members and in order to find out which membership benefits could attract Non-Members.

The results show that ISWA’s members appreciate a comprehensive provision of publications, the newsletter and the knowledge base, and that other important criteria are access to ISWA’s global network and participation in the Working Groups. These offers and additional access to the ISWA Project Grant were viewed as valuable attractions for potential members.
ISWA’s mission is to promote and develop sustainable and professional waste management worldwide (see chapter 1). How does ISWA achieve its mission?

ISWA promotes and develops sustainable waste management through the organisation of meetings and events, particularly of congresses and conferences, and through the publication of a wide range of specialist literature.

Another important contribution is the effort of its ten Working Groups and the activities of its Scientific and Technical Committee. In order to achieve further progress on sustainable development, ISWA implements Task Forces, committees and projects. ISWA provides a multitude of platforms for the creation and the exchange of knowledge.

ISWA raises professional standards in the field of sustainable waste management through its certification programme “International Waste Manager”, through its tailor made training course programmes, study tours and through its co-operations with other International Organisations. Finally, ISWA funds projects in the field of sustainable waste management via the ISWA Project Grant and fosters good communication and publications on sustainable waste management with awards.

The following chapters provide an overview on ISWA’s various activities in the promotion of sustainable waste management emphasising the second half of the year 2011 and the first half of 2012.

3.1. Event Organisation

The biggest event that ISWA organises regularly is the ISWA World Congress. The World Congress is a four day event held once a year in autumn and usually attracts 600 to 900 participants from 50 to 70 different countries. At each of the last years World Congresses there were between 100 and 180 presentations by renowned international experts.

Furthermore ISWA organises several Beacon Conferences each year. These conferences focus on specialised waste management topics such as Biological Treatment, Waste-to-Energy, Sustainable Landfill or Recycling and Waste Minimisation and attract, depending on the size of the conference venue, 70 to 700 participants.

2012 will be a record year as regards ISWA events: Apart from the World Congress five Beacon Conferences (Copenhagen, Vienna, Singapore, Angola, Zagreb) and seven special events (2 study tours, 3 Workshops, IFAT appearance and the Summer School) are scheduled.

3. Promotion of Sustainable Waste Management

ISWA events and meetings in 2012

World Congresses
From 17 to 19 September the City of Florence, Italy, hosts this year’s ISWA World Congress. The event has been organised by ISWA’s Italian National Member ATIA- ISWA ITALIA.

The last ISWA World Congress took place in Daegu, Korea, from 17 to 20 of October 2011. The theme of this very successful event was “Waste to Green: Waste Management for Low Carbon & Green Growth Society”. 640 delegates from 54 countries were offered a great deal during these four congress days: 155 presentations – 4 keynote speeches, 32 invited lectures in 8 special sessions, 119 oral presentations – were featured in addition to 127 poster presentations. Four attractive technical tours, an atmospheric reception and an opulent gala dinner, everything organised perfectly by ISWA’s Korean National Member KSWM, the Korea Society of Waste Management, rounded up the event programme.

The ISWA World Congress 2010 themed “Urban Development and Sustainability” was held in Hamburg, Germany, and co-organised by ISWA’s German National Member VKS im VKU.

The ISWA World Congress 2009 took place in Lisbon, Portugal, at the Cultural Centre of Belém and was co-organised by the Portuguese Association of Sanitary and Environmental Engineering (APESB). The theme of the Congress was ’Turning Waste into Ideas’. The World Congress 2008 was held in Singapore. This event was co-organised by the Waste Management and Recycling Association of Singapore (WMRAS) and the National Environment Agency (NEA).

The next ISWA World Congresses will be held in Vienna, Austria (2013), Sao Paulo, Brazil (2014), Antwerp, Belgium (2015) and Novi Sad, Serbia (2016).
Beacon Conferences
The series of Beacon Conferences organised by ISWA have been a great success since years. Some recent shining examples were the five “Beacons” that took place at the end of 2011 and during the first half of the year 2012. Steadily growing numbers of participants are an indicator for the quality of these events.

Malmö, Sweden
More than 150 waste experts from 18 different countries attended the ISWA Beacon Conference Waste-to-Energy, State of the Art and Latest News. The conference took place 3-4 November 2011 in Malmö Börshus, Sweden, and has been hosted and co-organised by Avfall Sverige. The focus of the conference was on the Energy Efficiency Directive, the determination of the fossil share in combustible waste, and on the treatment capacity and cross-boundary waste flows in Europe.

Novi Sad, Serbia
The ISWA Beacon Conference on Waste-to-Energy and Packaging Waste in the South Eastern European, Middle East and Mediterranean Region was held in Novi Sad, Serbia, from 30 November to 2 December 2011. More than 200 participants from the region and experts from Germany, Austria, Croatia, Bosnia and Herzegovina, Macedonia, Bulgaria, Slovenia, Greece and the United Kingdom attended the event.

The main goals of the conference were to promote exchange of knowledge and experience from the field of strategic waste management planning and enhancement of communication between target groups in identifying and solving current environmental problems. The conference has been co-organised by ISWA, the Serbian Solid Waste Association (SeSWA), the Department of Environmental Engineering and Occupational Safety and Health, the Faculty of Technical Sciences, University of Novi Sad, the Global Methane Initiative, the Ministry of Environment and the Mining and Spatial Planning of the Republic of Serbia, the Provincial Secretariat of Urban Planning and Environmental Protection of Vojvodina and GIZ.

Copenhagen, Denmark
110 participants from 20 different countries attended the ISWA/DAKOFA Beacon Conference on Waste and Climate in Copenhagen, Denmark.

Intelligent integrated waste management is a net saver of GHG-emissions - this was one of the conclusions of the 2nd edition of this conference. The findings of this conference have been summarized in a conclusion document which is available at www.iswa.org and which will be of prime importance for ISWA’s participation at the upcoming UNFCCC summit in Qatar later this year (see chapter 3.6.1).

Vienna, Austria
On 31 May and 1 June 2012, more than 80 leading international experts from the waste and resource management sector gathered in Vienna, Austria, for the ISWA Beacon Conference on Waste Prevention and Recycling.

This conference has been initiated by the ISWA Working Group on Recycling and Waste Minimisation and is instrumental in disseminating the recent knowledge and developments especially in the areas of Waste Prevention, Sustainable Production and Consumption and Life Cycle Thinking. The focus of this 3rd edition of the conference was on Planning of Waste Prevention, Food Waste, Extended Producer Responsibility, Communication & Behavioural Change, and Planned Obsolescence. A top-class panel of speakers, including senior representatives from OECD, UNEP and leading European Universities, discussed these issues. A high-class social event hosted by the City of Vienna and exclusive site visits rounded up the event programme.

ISWA Beacon Conference, Copenhagen, Denmark

ISWA Beacon Conference, Malmö, Sweden

ISWA Beacon Conference, Vienna, Austria

ISWA Beacon Conference, Singapore

Singapore
141 delegates from 28 countries attended the WasteMET Asia – ISWA Beacon Conference which took place in Singapore, Marina Bay Sands Expo and Convention Centre, from 3 to 4 July 2012.

Co-organised by the Waste Management and Recycling Association of Singapore (WMRAS) and the National Environment Agency (NEA) of Singapore, the conference dealt with the theme “Globalisation, Urban Metabolism and Waste Management”. Participants discussed the challenges faced by urban cities and addressed the problem of waste management in cities, especially rapidly urbanising ones, highlighting the difficulties faced and providing strategic guidance and case studies for successful waste management.

Workshops
Three international workshops on the themes of hazardous waste and bio-waste were organised by ISWA in 2011 and the first half of 2012.

Hazardous Waste Workshop – A Global Glimpse on the Sustainable Management of Hazardous Waste – from Policy to Practice, Mechelen, Belgium
22 participants from 11 countries took part in the ISWA Hazardous Waste Workshop organised by the ISWA Working Group on Hazardous Waste in co-operation with INDOVER in Mechelen, Belgium, on 8 October 2011. The participants came from the many different sectors of Hazardous Waste with representatives from the industry, academia, governmental and non-governmental organisations and a producer company.

The presentations and discussions covered the topics of EU policy on Hazardous Waste and the Waste Framework Directive, Current practices for managing hazardous waste, such as PCB and asbestos, when renovating and demolishing buildings; and WEEE in connection with Waste Traficking.

Open Workshop on Global Issues pertaining to Bio-Waste, Torino, Italy
On 15 March 2012, the ISWA WG on Biological Treatment of Waste (BTW) in cooperation with ACEA, a waste management company in the Torino region, Italy, held a very successful Workshop on “Global Issues Pertaining to Bio-Waste” attracting 84 participants from all corners of the waste management sector.

Some of the key points highlighted were the very promising contributions that BTW can make to tackle climate change; however more work is needed to quantify these measures. Despite some reasonable advancement there still remains considerable potential for the development of BTW within Europe and worldwide. In some regions of Italy more Bio-waste is separated than can be treated, which means it is then transported out of the region for treatment. Another point of discussion on the local level was the lack of synchronisation in legislation pertaining to BTW particularly between health and environmental regulation.

Hazardous Waste Seminar & Workshop, Singapore
On 24 April 2012, 56 participants from 17 countries joined together in Singapore to listen to expert presentations on hazardous waste management and take part in discussions on specific regional issues. The 3-day event was organised to strengthen ISWA’s network in the region (in cooperation with the ISWA Asia and Pacific RDN) and at the same time bring expertise and input into the ISWA Grant project to update the 2002 publication Training Resource Pack on Hazardous Waste Management in Developing Economies (TRP).

The event was organised by ISWA and WMRAS and involved project partners UNIDO, UNEP-IETC and UNITAR. The Singapore National Environment Agency (NEA) kindly provided meeting facilities and organisational support. A number of waste management companies from the region contributed to the organisation and their valuable assistance is gratefully acknowledged.

The presentations of all ISWA Conferences and Workshops are available in the ISWA Knowledge Base.
Summer School
The 1st ISWA Summer School on Solid Waste Management (ITODC), Analysis, Evaluation and Design of Sustainable Waste Management Systems in cooperation with the Technical University of Vienna and initiated by the ISWA Task Force Science is scheduled for 3 to 14 September 2012. During this course existing and emerging solid waste experts will learn how to establish and use an extensive knowledgebase to support cost effective waste management decisions. The focus is on sound methodology (waste treatment unit processes, innovative assessment tools such as Material Flow Analysis, and case studies for design of waste management systems) with special emphasis on practical applications.

3.2. Scientific and Technical Committee
Chair: Antonis Mavropoulos, Greece
Vice-Chair: Maarten Goorhuis, Netherlands
The Scientific and Technical Committee (STC) represents ISWA’s technical expertise, it is governed by its Chair and the current Chairs and Vice Chairs of the ten ISWA Working Groups. The STC Members meet 3-4 times a year, typically preceding the Board meetings. The Chair of the STC is also a member of the ISWA Board.

The STC is the technical and scientific think-tank of ISWA. The actions of the STC are based on its own objectives and annual work programme, as well as the work programmes of the different Working Groups (WGs). More recently the focus of the STC has been to improve the deliverability and function of the ISWA WGs. The WGs are now approaching the end of their 2010 – 2012 work programmes which were established in 2010 with the aim to drive WG productivity. Looking back on the past 3 years significant progress can be observed.

During 2011 – 2012, the major contribution of the STC was the administering and monitoring of the ISWA Grants scheme, in cooperation with the GS. The 12 projects awarded funding under the grant have set up a new basis leading to substantial improvement of ISWA’s scientific and technical profile and visibility of ISWA. Another recent focus of the STC has been to improve the deliverability and function of the ISWA WGs. The WGs are now approaching the end of their 2010 – 2012 work programmes which were established in 2010 with the aim to drive WG productivity. Looking back on the past 3 years significant progress can be observed.

### Activities linked to Waste Management and Climate Change to address the issue of Sustainable Waste Management and Greenhouse Gases
• Further development and creation of content for the ISWA Knowledge Base
• Contributions and support to the ISWA Task Force on Globalisation
• Preparation of a Key Issue Paper on Food Waste
• Dissemination of the Key Issue Papers on Waste Prevention, Minimisation and Resource Management, and Waste Trafficking
• Strengthening and development of the International Waste Manager (IWM) Programme
• Strengthening ISWA’s Scientific Profile through the implementation of the proposals developed by the Task Force Science.

3.3. Working Groups
The purpose of the ISWA Working Groups is to serve as the principal means for ISWA to deliver its technical and scientific programmes. As such, the Board and the ISWA members look to the Working Groups for technical information and assistance, basic and applied research, professional meetings, and the development and dissemination of information about solid waste management.

The Working Groups each function differently and this difference is respected as far as possible. The input from the Working Groups is based on voluntary work from its members and ISWA recognizes the efforts made by its large number of Working Group members. Working Group Meetings are usually held two times a year.

Currently there are 10 Working Groups with a total of around 250 members coming from more than 30 different nations.

**Working Group on Communication**
Chair: Gunilla Carlsson, Sweden
Vice Chair: Suzanne Arup Voltze, Denmark
The Working Group on Communication serves as the principal resource to ISWA in the field of communication and social relations. The Working Group addresses public concerns, comprising public support and public opposition to waste management policies, public consultation and participation, and communication and social issues with focus on basic human attitudes towards waste.

*The Working Group’s main objectives are to:*
• cover communication and social aspects within the framework of waste management
• acknowledge and communicate the growing importance of public acceptance for a successful implementation and proper conduct of waste management policies, such as collection systems, siting of facilities, disposal fees, regulations and other related aspects
• foster the good reputation of professional waste management among the public by developing, co-ordinating, and disseminating strategies and tools aimed at increasing public support of and reducing public opposition to waste management strategies
• strengthen the role of communication as a determining factor for achieving satisfactory solutions in waste management practices.

Main discussions and activities in 2011/2012 were:
• Social media and waste prevention
• Development of a session for the ISWA World Congress 2013
• The ISWA Communication Plan
• The ISWA Communication Award
• Attracting new members to strengthen the Working Group.

Future activities of the Working Group will be the development and organisation of a session for the ISWA World Congress 2013 in Vienna, Austria, dealing with the topics Behavioural Change, Resource Efficiency and Recycling Society. Another emphasis will be placed on best practice examples in communications regarding waste prevention.

**Working Group on Energy Recovery**
Chair: Bettina Kamuk, Denmark
Vice Chair: Jørgen Haukohl, Denmark
The Working Group on Energy Recovery addresses the thermal treatment of waste, the production of energy, control of emissions from waste-to-energy, and the management of residues resulting from waste-to-energy.

*The Working Group’s main objectives are:*
• to promote the adoption of cost-effective, environmentally sound systems, methods and practices for thermal treatment of municipal waste, thereby especially addressing the waste-to-energy concept
• to develop, co-ordinate and disseminate timely information on institutional, technological, economic, environmental and research developments in the field of thermal treatment of municipal waste.

Main discussions and activities in 2011/2012 were:
• Preparation of guidelines “Preparing a Thermal Treatment Facility” with description of the technology,
Voluntary Time for ISWA

The success of ISWA in promoting sustainable waste management depends on the activities of its members. Lots of voluntary time is invested in meetings and Working Groups, where exciting new results are shared and projects are developed. This time spent is not only a core indicator for the commitment and dedication of the participants. It also shows how attractive those meetings are to the members of ISWA.

The diagram below shows the amount of time spent voluntarily in the different organisational bodies and groups of ISWA. The greatest activity up to now was in 2011, the last year with complete data. 326.5 person days were dedicated to the benefit of sustainable waste management. However, in 2012 even more voluntary involvement can be expected, as in the first seven months of this year alone about 80% of last year’s involvement can be expected, as in the first seven months of this year alone about 80% of last year’s person days have already been invested. Even though the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent in these meetings than in the whole year of 2011.

Since 2009 there has been an increase of voluntary time spent for ISWA of nearly 80% in total. From this we can learn, that the broad spectrum of these meetings – from, for instance, Climate Change, Collection and Transport to Hazardous Waste – encompasses important issues to many members. The amount of voluntary time is especially impressive, as these statistics count only the time spent during the meetings.

The additional time which is needed for travelling or for the preparations of the meetings or for the preparation and involvement in ISWA events such as Workshops and Conferences and for the development of ISWA papers and reports has not been taken into consideration.

Data on European Group, WM&R Editorial Group meetings and Task Forces were newly introduced to the statistics in 2011. This type of meeting is becoming more and more important. Already in 2012 nearly twice as many person days were spent in these meetings than in the whole year of 2011.

The success of ISWA in promoting sustainable waste management depends on the activities of its members. Lots of voluntary time is invested in meetings and Working Groups, where exciting new results are shared and projects are developed. This time spent is not only a core indicator for the commitment and dedication of the participants. It also shows how attractive those meetings are to the members of ISWA.

The diagram below shows the amount of time spent voluntarily in the different organisational bodies and groups of ISWA. The greatest activity up to now was in 2011, the last year with complete data. 326.5 person days were dedicated to the benefit of sustainable waste management. However, in 2012 even more voluntary involvement can be expected, as in the first seven months of this year alone about 80% of last year’s person days have already been invested. Even though the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent for the time invested in Board meetings was reduced there was an increase of 25% of total person days spent in these meetings than in the whole year of 2011.

The focus for future activities will remain on encouraging and supporting, at international and national levels, mechanisms for effective contribution to the public policy debate on the role of thermal treatment as an essential part of integrated waste management.

Voluntary Time in Meetings
(without time for preparation and travelling)

Advantages, disadvantages, possibilities, limitations, costs etc., to be used by developing countries and countries without waste-to-energy so far. (Funding from the ISWA Project Grant)

- Preparation of a position paper “Comparison of different Waste-to-Energy techniques in the legal and political European Framework”
- Preparation of a review paper “Emerging Technology”
- Update of the State-of-the-Art-Report: the 6th version of the Report will include information on all plants from Europe as well as from the USA
- Preparation of sessions on Waste-to-Energy for the ISWA World Congresses 2011 in Daegu, South Korea, and 2012 in Florence, Italy

- Contributions to Waste Management & Research Journal: Articles and a special issue for the ISWA World Congress 2011 in Daegu, South Korea
- Presentation at the ISWA Special Session “A Global Perspective on Current Developments in Solid Waste Management” at the IFAT ENCSORGA 2012 in Munich, Germany
- ISWA Study Tour on Waste-to-Energy in Austria
- Discussion on the R1 formula with updates from different countries
- Discussion on the BREF guidelines with updates from different countries

The main discussions and activities in 2011/2012 were:

- Cooperation with the World Health Organization for the preparation of the new version of the WHO publication “The safe management of wastes from healthcare activities” (Blue Book). The new edition will be published later this year. The Working Group was successful in obtaining funding under the ISWA Project Grant to contribute toward the printing of the Blue Book
- Support of the annual European Medical Waste Conference
- Preparation of two special sessions on Healthcare Waste for the ISWA World Congress 2012 in Florence, Italy
- Preparation of an article for WM&R “Management of Healthcare Waste – Developments in South-East Asia in the 21st century”
- Attracting new members to strengthen the Working Group
- Drafting of guidelines for developing tenders relating to Healthcare Waste projects
- Drafting of guidelines/testing for new healthcare technology.
The Working Group, reinforced with enthusiastic new members, plans to become more involved in the immediate future with training and the development of standards and guidelines.

**Working Group on Landfill**
Chair: Derek Greedy, United Kingdom
Vice Chair: Jan Thrane, Denmark

The Working Group on Landfill addresses the planning, siting, design, construction, operation, closure, and end-use of landfills. The WG’s overall interests are in the proper closure of open dumps worldwide and the move towards the construction and operation of modern engineered, sustainable landfills. These interests have led to providing technical support on the design, construction, regulation, and management of landfills, both for industrialised and developing nations. Further aspects include operations, closure, and end-use concepts, along with standard practices for groundwater monitoring and testing, leachate management, gas management, and storm water management.

**Main discussions and activities in 2011/2012 were:**
- Translation of Landfill Operation Guidelines into Spanish, Portuguese and Mandarin
- Finalisation of International Guidelines for Sustainable Landfill Evaluation
- Preparation of a State of the Nation Report, covering landfilling practices and regulations in different countries
- Cooperation with the Global Methane Initiative
- Preparation of two sessions on Landfilling for the 2011 ISWA World Congress in Florence, Italy
- Support of the Africa Sustainable Waste Management Conference, Lobito, Angola. The WG was successful in gaining funding under the ISWA Project Grant to contribute to the conference
- Master classes on Advanced Landfill Leachate and Advanced Landfill Gas Recovery.

The Working Group on Landfill will continue with the task to close open dumps and to promote the construction of appropriately engineered sustainable landfills worldwide. The dissemination of the International Guidelines for Landfill Evaluation helps support the WG in this task. The WG will continue to seek the improvement of landfill standards worldwide through the provision of training and guidance in good landfill practice.

**Working Group on Legal Issues**
Chair: Olaf Wendler, Germany
Vice Chair: Helmut Stadler, Austria

The purpose of the Working Group on Legal Issues is to serve as a platform for knowledge exchange and as the principal resource to ISWA on legal issues related to waste and resource management. The overall interest for the Working Group is the exchange of information and views on legal aspects concerning hot topics in waste management. Currently there is much focus on the legal aspects of different kinds of public private partnership.

**Main discussions and activities in 2011/2012 were:**
- Development of a Position Paper on public-private partnership (PPP)
- Discussion on the implementation of the EU Waste Framework Directive
- To take initiatives to develop and increase the activities of ISWA internationally in making appropriate legal representation
- Monitoring EU waste issues
- Development of a Key Issue Paper on “Principles of efficient environmental legislation”.

Future activities will cover the further development of the papers on public-private partnership and on principles of efficient environmental legislation, based on the latter the development of training material for ISWA education programmes, and cooperation with other ISWA Working Groups aiming at the development of a key issue paper on how legislation for extended producer responsibility (EPR) should be structured.

**Working Group on Recycling and Waste Minimisation**
Chair: Maarten Goorhuis, The Netherlands
Vice Chair: Bjørn Appelqvist, Denmark

The Working Group on Recycling and Waste Minimisation addresses the reduction in the generation of solid waste, recycling of materials, separation, processing and marketing of materials removed from the solid waste stream.

**The Working Group’s main objectives are:**
- To share information on institutional, technological, economic and environmental matters concerning resource management, recycling and waste minimisation currently in practice
- To encourage, conduct and share the results of research and development activities within the field of resource management, recycling and waste minimisation.

**Main discussions and activities in 2011/2012 were:**
- Development of a Position Paper on Waste Trafficking
- Organisation of ISWA Beacon Conference on Waste Prevention and Recycling
- Further development of the ISWA Key Issue Paper on Waste Prevention, Waste Minimisation and Resource Management
- Preparation of two special sessions for the ISWA World Congress 2012 in Florence, Italy
- Waste prevention, reuse and innovative recycling projects in WG member countries
- Development of internal guidelines for waste prevention and recycling at ISWA events.

Looking forward, the Working Group will be busy organising the 4th ISWA Beacon Conference on Waste Prevention which will take place in June 2013, developing a chain management project focussing on jeans under the ISWA Project Grant and co-operating on a key issue paper on food waste with the Working Group on Biological Treatment of Waste.

**Working Group on Recycling and Waste Minimisation Meeting at the Mayor’s Office in Thessaloniki, Greece**

**Working Group on Recycling**
Chair: Jean Paul Léglise, France
Vice Chair: Paul De Bruycker, Belgium

The Working Group’s interests include the sound management of hazardous wastes from both industrial and household sources, and the remediation of hazardous waste sites resulting from unacceptable hazardous waste management practices. In carrying out its programmes, WG members strive to serve the interests of hazardous waste management professionals in their respective countries and world-wide.

**The Working Group’s main objectives are:**
- To promote the cost-effective, environmentally safe management of hazardous wastes in member- and developing countries
- To develop, co-ordinate, and disseminate timely information on institutional, technological, economic, environmental, research and legal developments in the field of hazardous waste management and remediation.

**The main discussions and activities in 2011/2012 were:**
- Development and revision of the Training Resource Pack for hazardous waste management (TRP+);
- The WG was successful in obtaining funding under the ISWA Project Grant for this project and it is currently the main activity of the WG (see chapter 3.6.5.)
- Workshop on Hazardous Waste Management held in Mechelen, October 2011
- Seminar and Workshop on Hazardous Waste Management held in Singapore, April 2012 in connection with the TRP+ project
- Developing cooperation with international organisations UNEP-ITC, UNIDO, UNITAR
- Revitalising and attracting new members to the Working Group
- Preparation of a session on Hazardous Waste for the ISWA World Congress 2012.

Looking forward, the main goal of the WG is to foster a closer cooperation with International Organisations involved in Hazardous Waste Management and continue the promotion of the safe and effective management of hazardous waste, particularly in developing countries. The main activity and focus of the WG is the TRP+ project and holding regional workshops.

**Working Group on Collection and Transportation Technology**
Chair: Frans Willemse, The Netherlands
Vice Chair: Vivek Agrawal, India

The purpose of the Working Group on Collection and Transportation Technology is to serve as the principal resource to ISWA in the field of collection and transportation technology of solid waste. The Working Group addresses the storage, collection, transfer and transportation of solid waste.

**The Working Group’s main objectives are:**
- To share information on institutional, technological, economic and environmental matters concerning collection and transportation technologies currently in practice
- To encourage, conduct and share the results of research and development activities within the field of waste collection and transportation.

**Main discussions and activities in 2011/2012 were:**
- Collection methods
- Fuel Economy in Waste Collection Trucks
Future activities will cover the gathering of any available data in the field of collection and transportation on a global scale. The aim is to provide a sound database with facts and figures from as many countries as possible.

Main discussions and activities in 2011/2012 were:

- Follow the development of “end-of-waste criteria”
- Preparation of a key issue paper on Food Waste
- Gathering global information on Sludge anaerobic Digestion
- Climate change and biological treatment
- An open workshop on global issues pertaining to waste in cooperation with ACEA, Italy, March 2012, Pinerolo
- Preparation of a session on Biological Treatment of Waste for the 2012 ISWA World Congress in Florence, Italy
- European regional Biowaste workshops. The WG was successful in gaining funding under the ISWA Project Grant for the delivery of these workshops.

Looking forward and with the funding provided under the ISWA Project Grant, the WG on Biological Treatment of Waste will continue to organise workshops across Europe to help EU States meet the 2016/2020 EU Landfill Directive diversion targets for Biowaste.

The Working Group’s main objectives are:

- to share information on institutional, technological, economic and environmental matters concerning biological waste treatment currently in practice
- to encourage, conduct and share the results of research and development activities within the field of biological waste treatment
- to define – upon agreement with the Board and STC – positions to try and influence, through provision of science-based views and information, ongoing developments in relevant legislation, with reference e.g. to waste management, soil management, climate change, and other issues pertaining to management of organic waste.

Working Group on Biological Treatment of Waste
Chair: Enzo Favino, Italy
Vice Chair: Boris Efremenko, France

The Working Group addresses the biological treatment of the organic fraction of solid waste through aerobic and anaerobic decomposition processes, including related instruments (e.g. separate collection, odour management) and destiny of outputs (quality, application and marketing of products). It also covers Mechanical-Biological Treatment (MBT), i.e. the application of biological treatment to mixed (or residual) waste in order to reduce its fermentability prior to landfilling, recover further amounts of materials before final disposal and improve conditions for energy recovery. The WG has also been mandated to consider issues pertaining to biological treatment of sludge (composting and anaerobic digestion) and its application in agriculture.

Working Group on Climate Change and Waste Management
Chair: Gary Crawford, France

The Working Group, recognising that Climate Change is one of the most important global environmental issues facing our planet, advocates that the waste sector has a very important role to play. The waste sector has the option to be a net GHG reducer and many actions on how to achieve this have already been identified by the WG’s predecessor, the Task Force on Climate Change. The WG continues on from where the Task Force stopped. The WG on Climate Change and Waste Management is focused inter alia on conveying the message that sustainable waste management and recycling should be included in future international agreements and declarations - including National Appropriate Mitigation Actions (NAMAs), extension of current Kyoto project mechanisms; new market mechanisms; sector approaches, access to funding etc.

Main discussions and activities in 2011/2012 were:

- Developing further contacts
- Development of communication tools, “in the know” brochure and briefing note on Waste & Climate Change, particularly for dissemination at COP17, Durban, December 2011 (a project funded under the ISWA Project Grant);
- Involvement in the ISWA Beacon Conference on Waste & Climate, April 2012, Copenhagen, Denmark
- Preparation of a session on Waste Management & Climate Change for the 2012 ISWA World Congress in Florence, Italy
- Support to the ISWA Lobby initiative and ISWA delegation at the UNFCCC events

The future activities of the WG will focus on promoting its strong messages on how the waste sector can contribute to reducing greenhouse gas emissions and should therefore be considered and included in the mitigation action plans being developed by countries, regions, and cities.

3.4 Task Forces

Task Forces are established to handle special new challenges identified by the Board which require expert and concentrated attention which cannot be provided by a Working Group. The Task Forces provide a means for ISWA to obtain specialised information to assist ISWA in policy and programme determination. Task Forces are established for a specific purpose and assignment, exist for a limited time, are administered by the STC, and are disbanded when their objective is completed.

Currently there are two Task Forces active, one on Globalisation and one on Science.

Task Force on Science

In ISWA’s bid to recognize the importance of and strengthen academic participation in ISWA, a new Task Force on Science (TFS) has been created. ISWA already connects with the scientific community through its journal of Waste Management & Research (WM&R) which belongs to the oldest and most renowned international journals (existing since 1983) on waste management. ISWA also recognises that there are famous and well placed academics that are already working with ISWA, providing substantial scientific value and support to ISWA’s activities.

In the beginning of 2012 the TFS finalised an action plan to promote ISWA to further utilize its strengths and opportunities within the scientific community. The TFS aims to create a new and more attractive framework for academics participation to ISWA, to exploit further the academic resources already available through ISWA, and to create better conditions for the required innovative symbiosis between market and scientific developments.

The following proposals of the TFS have been recently implemented:

- Establishment of the first ISWA Summer School, 3-14 September 2012, Vienna, Austria
- Publication of an annual special issue of the ISWA Journal Waste Management & Research (WM&R) containing the best 10 papers of the ISWA World Congress 2012
- ISBN for World Congress proceedings
- Closer cooperation between ISWA STC, Working Groups and WM&R, such as encouragement of Working Groups to submit articles (including review articles) to WM&R
- Promotion of WM&R Editorials by providing open access and a monthly article in the ISWA newsletter
- Modification to the ISWA Operational Guidelines, including updated terms of reference for the WM&R Editor in Chief.
waste management. A study covering this theme is currently in preparation.

3.5. European Group

In follow-up of the 1st European Group meeting in June 2011, the group met once again in June 2012. This time a workshop with the title “Planning a waste free society” was held over two days at the premises of the European Economic and Social Committee in Brussels from 12 to 13 June 2012.

After the five sessions with participation of twelve speakers from the European Commission, ISWA and partner organisations, the 42 participants and steering group, consisting of current ISWA president Jeff Cooper and former ISWA presidents Hakan Rylander and Jean-Paul Leglise, set out the priorities for the future meetings of this group. It has been agreed that the next meeting should be held in early December of 2012. The working relations between ISWA and the Commission should be further developed, the member structure of this group should be established and future topics for the next meeting have been elaborated.

This meeting provided a great opportunity for the sharing of knowledge and experience on key topics such as Climate Change, the implementation and ambition of the EU Waste Framework Directive, the handling of different waste streams and BREFs.

3.6. Projects 2011/2012

3.6.1. Waste and Climate Change Action Plan

Throughout the last years, mitigation of climate change has been a priority topic for ISWA. In 2007 ISWA decided to establish a Task Force to address this issue, two years later an ISWA White Paper on Waste and Climate Change was released. Based on which the Working Group on Waste and Climate Change in 2011 elaborated “In the Know”, a new Waste and Climate Change Brochure (can be downloaded for free at www.iswa.org).

It has been proven by a magnitude of studies that the very act of waste management and recycling has the potential to reduce GHG emissions by at least 20% in developed countries, with even more impact possible in the rest of the world. Since the technology is proven and easily accessible, waste management is an essential and very efficient tool that offers tremendous climate change benefits.

These facts are two of the key messages of “In the Know” and a comprehensive Waste and Climate Change Action Plan ISWA developed and started to implement in 2011. ISWA’s lobbying activities aim to secure available climate funds for investments in sustainable waste management and recycling. As a prerequisite for reaching that target the waste sector needed to be mentioned as an area of action in the final UNFCCC (United Nations Framework Convention on Climate Change) conference documents – which was achieved in late 2011.

ISWA holds the official status as an Observer Organisation of the UNFCCC. As part of the action plan activities, ISWA delegations attended several UNFCCC conferences, including COP 16 (6th Conference of the Parties in Cancun, Mexico, in 2010) and COP 17 which took place in Durban, South Africa, in December 2011, endeavouring to make sustainable waste management – and its positive impact on our climate – an issue in the UNFCCC process.

Now, since COP 17, “waste” – for the first time – is laid down (as a sector for reporting on climate mitigation actions) in a final UNFCCC document! The Durban outcomes can be assessed as strongly positive for the waste management sector in terms of gaining greater recognition as a mitigation strategy, attracting new streams of public and private financial assistance, and supporting domestic regulatory reform efforts.

Through its Working Group on Waste and Climate Change and its newly established Climate Change Unit, ISWA is prepared to provide assistance on low emissions waste management activities, including Nationally Appropriate Mitigation Action (NAMA) support.

3.6.2. Knowledge Base

The ISWA Knowledge Base has been developed and implemented successfully over the last two years to upgrade ISWA’s technical profile. It has been up and running online since April 2011. The Knowledge Base provides ISWA members with convenient and easy online access to an extensive source of scientific waste management related documents – currently more than 1,200. These documents include both ISWA and non-ISWA material such as Conference and Workshop Proceedings, Reports, Training Resources, Papers, Case Studies and Online Resources. The Knowledge Base strives to cover all relevant topics of solid waste management from all over the world and is regularly updated. So far the Knowledge Base has proven to be quite popular receiving approximately 5,000 visitors per month.

Since 2012 registration for non-ISWA members to use the Knowledge Base has been established. In addition user statistics are being gathered providing an informative insight into patterns of use allowing for optimisation of content.

If you have any documents you would like to share with other members please forward them to the ISWA General Secretariat.

3.6.3. Balkan Flowers Project

A good example for intensified cooperation with other International Organisations whose goals and activities are related to ISWA’s (see also chapter 3.7) is the so called “Balkan Flowers Project”.
In March 2012 ISWA completed the UNEP funded study on the theme of plastic packaging waste, titled the “Balkan Flowers”. The title is in reference to the plastic waste, depicted as flowers, which can be found littered across the Balkan region. The project stemmed from a UNEP initiative to address packaging waste through the promotion of reuse and recycling – with the aim to lead to the creation of jobs, economic return, rural tourism and the reduction of negative environmental impacts in South East Europe.

The project involved two stakeholder workshops and a sub-regional report. The stakeholder workshops were held in Croatia and Bosnia & Herzegovina respectively. The key findings of the study show that although much work is still needed for significant recycling of plastic packaging waste to take place in South East Europe, some key first steps are underway, especially in Croatia where an extended producer responsibility scheme has been recently established promoting the use of refillable bottles and collection for one-way packaging.

The final report of the study is available in the ISWA Knowledge Base.

3.6.4 Participation at IFAT ENTSORGA

ISWA booth at IFAT ENTSORGA

And to top things off, ISWA also participated in the scientific side events at IFAT ENTSORGA 2012 with five Working Group meetings and a special session with speakers from the UK, Greece, Italy, India, Luxembourg, Austria and Denmark.

The next IFAT ENTSORGA, again with ISWA participation, will be held in 2014.

ISWA Project Grant

The City of Vienna, pursuant to an agreement made with ISWA, now grants a specified budget each year in order for ISWA to:

- strengthen its technical and scientific profile
- promote and upgrade its international recognition and acceptance
- develop a global and country – level presence
- increase its influence with decision-makers regarding solid waste management issues.

The ISWA Board decided that the best utilisation of this budget would be via the administration of an ISWA Project Grant, open to proposals from ISWA members or ISWA entities.

The first call for proposals, for the period 2011 to 2013, attracted a total of 33 project applications. A total funding amount of €1,595,974 was requested from ISWA with an additional €1,374,752 offered through partner co-financing contributions. The requested amount of funding for projects was remarkably more than the allocated budget.

Twelve projects were subsequently selected, half of these projects began in 2011 and the remaining in 2012. As individual projects can run for a maximum of 3 years the funding period spans from 2011 through to 2014. Following is a brief summary of the projects, a more detailed summary is available on www.iswa.org.

<table>
<thead>
<tr>
<th>PROJECT TITLE</th>
<th>ORGANISATION</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishing a Landfill Training and Research Centre to Promote better Operation of Landfills in Indonesia</td>
<td>Institute for Water Quality, Resources and Waste Management, University of Technology, Vienna, Austria</td>
<td>In Progress, guidelines have been drafted and a seminar has been held in Indonesia in July. Project will be finished by end of 2012</td>
</tr>
<tr>
<td>The Road to Durban: Promoting the waste sector’s contribution to meeting climate change objectives</td>
<td>ISWA Working Group on Climate Change</td>
<td>In Progress, 2 communication documents have been prepared, more to come</td>
</tr>
<tr>
<td>ISWA Guidelines – Preparing a thermal treatment facility</td>
<td>ISWA Working Group on Energy Recovery</td>
<td>Close to completion, guidelines have been drafted and will be presented at World Congress 2014</td>
</tr>
<tr>
<td>Regional Biowaste Workshops - Implementation of Sustainable Biowaste Management and Latest EU Policies</td>
<td>ISWA Working Group on Biological Treatment of Waste</td>
<td>In Progress, a very successful workshop has taken place with the second one scheduled for 2012. The project will continue through 2013</td>
</tr>
<tr>
<td>Guidelines for the Implementation of Successful Sustainable Waste Management Plans</td>
<td>ABRELPE – Associação Brasileira de Empresas de Limppe Pública e Resíduos Especiais, Brazil</td>
<td>Completed, guidelines are available in the ISWA Knowledge Base</td>
</tr>
<tr>
<td>Customising Waste Management Fees Workshops in Eastern and South Eastern Europe</td>
<td>Technisches Büro HAUER Umweltwirtschaft GmbH (TBH)</td>
<td>Completed, results available in ISWA Knowledge Base</td>
</tr>
<tr>
<td>International Waste Manager Programme in Argentina, Chile, Colomba, Peru and Uruguay</td>
<td>ARS – Asociación para el Estudio de los Residuos Sólidos -Argentina</td>
<td>In Progress, experts have been certified; a number of workshops will be delivered through 2014</td>
</tr>
<tr>
<td>The Blue Book volume 2</td>
<td>ISWA Working Group on Healthcare Waste</td>
<td>Completed, the Blue Book will be officially launched during the World Congress 2012</td>
</tr>
<tr>
<td>ISWA Product Chain Management</td>
<td>Working Group on Recycling &amp; Waste Minimisation and MtR-Netherlands</td>
<td>In Progress</td>
</tr>
<tr>
<td>Opportunities and barriers of Recycling in Balkan, Middle East and Mediterranean Countries</td>
<td>HSWMA - Greece &amp; SETWAS -Serbia</td>
<td>In Progress, study is being conducted and is due to finish in 2013</td>
</tr>
</tbody>
</table>

In 2013 an evaluation of the projects funded under the ISWA Project Grant will be conducted to assess how well the objectives of the Project Grant have been met and to ascertain the most effective way to allocate the funds in the future.

The results of the Project Grant are available in the ISWA Knowledge Base under “ISWA Projects”. Three key projects under the ISWA Grant are highlighted below:

### Waste Management & Climate Change – Communication Tools

Waste management and recycling are proven and effective strategies to reduce greenhouse gas emissions, mitigate the cause of climate change and advance toward sustainable development. The WG on Climate Change has been awarded funding to clearly formulate and widely disseminate this message. Two valuable documents, a Brochure and a Briefing Note titled “in the know”, have been produced, which clearly spell out the many ways how waste management and recycling can lead to the reduction in GHG emissions and the needed swift action to follow.

The documents were first launched at the UNFCCC COP17 event in Durban in December 2011 to support the ISWA delegation deliver their message (see 3.6.1. above).

By chance you haven’t seen the “in the know” documents yet, they are available in the ISWA Knowledge Base.

### Hazardous Waste – Training Resource Package

With continuing industrial and economic growth, the amount of waste produced, with its associated risk to the environment (and scarcity of raw materials), is also growing. This situation calls for stronger implementation of legislation and practices across all regions to ensure waste treatment is conducted in a way that protects the health of humans and the environment globally. This statement is particularly true for hazardous waste.
The Working Group on Hazardous Waste, recognising that appropriate development cannot happen without a concerted effort by all stakeholders concerned, is currently focused on a project funded by the ISWA Project Grant together with UNIDO, UNEP-IETC, UNITAR and many global hazardous waste experts to develop content for a single web-portal to disseminate pertinent information, experiences and training resources for sustainable hazardous waste management.

For more information on that project please visit www.trp-training.info/

Preparing a Thermal Treatment Facility

Waste-to-Energy or waste incineration is an advanced treatment system to transform waste into valuable and renewable products like heat and power, and to inverting and reducing the waste volume. Compared to other treatment systems the incineration process is expensive and is dependent on a controlled and organised energy distribution network and a well-established waste collection system.

This project being conducted by the Working Group on Energy Recovery aims to provide guidelines for those countries considering implementing incineration facilities and to prevent unsuccessful investments in developing and transition countries that do not have sufficient economic stability and sufficiently controlled waste management system.

The guidelines will be made available in the Knowledge Base once the project has been finalised in late 2012.

3.7. Co-operation agreements with International Organisations

Intensifying the Cooperation with other leading International Organisations involved in the promotion of sustainable waste management was an important goal ISWA set itself for 2011 and also this year. One of the projects ISWA successfully achieved this aim with was a tailor made training course programme for Iraqi engineers, based on a co-operation agreement ISWA successfully achieved this aim with was

Currently ISWA has a few new applications pending for EU and other externally funded projects, with project partners such as GIZ. It is a priority of ISWA to co-operate closely with other International Organisations active in sustainable development.

ISWA currently has formal co-operation agreements with the following organisations:

<table>
<thead>
<tr>
<th>ORGANISATION</th>
<th>COOPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gesellschaft für internationale Zusammenarbeit (GIZ)</td>
<td>Involvement in work of Task Force on Globalisation; Joint project applications</td>
</tr>
<tr>
<td>United Nations Environmental Programme – Division of Technology Industry &amp; Economies (UNEP-DTIE)</td>
<td>Side event at BIO20; Joint side event UNFCCC COP 18 in Qatar; Partnership in Hazardous Waste Project of ISWA’s Working Group on Hazardous Waste, Global Partnership in Waste Management</td>
</tr>
<tr>
<td>United Nations Framework Convention on Climate Change (UNFCCC)</td>
<td>ISWA is an official observer organisation of the UNFCCC</td>
</tr>
<tr>
<td>United States of America Environmental Protection Agency /Global Methane Initiative</td>
<td>Cooperation with ISWA’s Working Group on Landfill</td>
</tr>
<tr>
<td>Solid Waste Exchange of Information and Expertise Network (SWEPEX-Net)</td>
<td>Sharing of information and cooperation on projects</td>
</tr>
<tr>
<td>Clinton Climate Initiative (C4I)</td>
<td>Cooperation with ISWA’s Working Group on Climate Change and Waste Management</td>
</tr>
<tr>
<td>Low Emissions Development Strategies Global Partnerships (LEDs GP)</td>
<td>ISWA has been invited to lead the Waste Management Units of LEDs GP</td>
</tr>
</tbody>
</table>

3.8. Print and Online Publishing

ISWA is one of the most important producers and disseminators of current, high-quality information on sustainable and professional waste management.

ISWA publishes a wide range of waste management specialist literature: Books, Key Issue Papers, Technical Policy Papers, Position Papers, Reports, and two professional periodicals, which are available in print and online versions.

Waste Management and Research (WM&R) is a monthly journal published by SAGE under the auspices of ISWA. WM&R satisfies the growing demand for scientifically based information that can be utilised by waste management professionals in academia, government, industry, engineering, management, planning, and public health.

WM&R publishes articles relating to both theory and practice of waste management and research that promote innovation and provide a bridge between academic studies and practical problems. WM&R also produces special issues covering interesting and topical themes; recent special issues include: Waste & Climate Change, Extended Producer Responsibility and Waste to Energy. Another new feature of WM&R is a special issue linked to the ISWA World Congress containing the best quality papers. The monthly editorials of WM&R are now freely accessible from the WM&R section of the ISWA publications webpage.

The Magazine Waste Management World (WMW) is published bimonthly by ISWA and PennWell. WMW includes the latest international waste industry news and analysis, covering waste technology and trends, plus contributions from leading global experts on waste recycling and minimisation, landfill, biowaste, waste to energy conversion and thermal treatment, transport, collection and waste policy. One issue per year incorporates the International Directory of Solid Waste Management, which lists the ISWA members, and a classified listing of waste management companies.

The ISWA Global E-Newsletter which has been further improved with more issues and more content now goes out to more than 3,800 subscribers eight times a year and receives a lot of positive feedback from the readers.

The ISWA website www.iswa.org has also been redesigned and upgraded with more contents (e.g. Latest News Section, Job Exchange Platform, Internal Group pages) during the last year.

ISWA company profiles have been installed on the social networks Facebook and LinkedIn in 2011, both of them are connected with the ISWA website.

The ISWA website statistics for 2012 showed that already a lot of visitors come via the association’s social network profiles. This lead to the idea to push ISWA’s Facebook profile with a picture campaign: The campaign titled “Wild Wild Waste” combined well known movie titles and waste photos.
The series of thirteen images posted in May and June 2012 received a very good feedback and brought a significant increase of fans/followers to ISWA’s social network profiles.

All these measures again led to a sharp and very impressive increase of visits at www.iswa.org: from between 3,000 and 10,000 monthly visits in 2010/2011 to between 10,000 and 18,000 visits per month in 2011/2012.

3.9. International Waste Manager Programme

The ISWA International Waste Manager programme is designed to provide an internationally recognised certification for individual professional waste managers based on both academic achievements and practical work experience. The certification is awarded at four different levels: Technical, Intermediate, Advanced, and International, depending on how applicants meet the ISWA criteria. The criteria are based on a set of key identified attributes that become more rigorous the higher the level awarded.

The process is straightforward and very similar to the stages involved in applying for a new job. The first step is to complete an application form. On the basis of the application form being selected, the next step is to prepare a detailed personal report covering education, work experience and professional approach to waste management. This is followed by an interview and committing to the ISWA’s Code of Ethics to undertake a life-long programme of continuous professional development.

Since the programme began in 2006, one hundred and seventeen waste professionals from 19 different countries around the world have been certified within the ISWA International Waste Manager programme.

The striking increase of International Waste Managers in 2011 was due to the ISWA UN-Habitat Training Programme, which was attended by 58 Iraqi trainees, who on completion of the Training Course were awarded Technical Status in the IWM Programme.

A local IWM Programme has been launched in early 2012 by ISWA’s National Member Argentina ARS. Its goal is to promote the IWM Programme in the Latin American Region. By July 2012, thirty applications to the IWM Programme have been received from this region, and four applicants have already been awarded Advanced status.

3.10. Awards

It is already a tradition that each year ISWA gives two prizes to award the best communication campaigns and the best publications in waste management. This year a third award has been added for the best printed media coverage on waste management.

ISWA Communication Award
With this award ISWA honours excellent Waste Communication Campaigns that increase public awareness and promote sustainable waste management. The awarded campaign is recognised at the ISWA World Congress. The award is open for participation by both ISWA members and non-ISWA members.

2012 Communication Award Winners
This year the judging panel had a difficult task and a lot of work to evaluate the 21 nominations received from 13 different countries for the ISWA Communication Award 2012, but in the end the members of the jury came to a clear decision.

The overall winner of the award is Greater Manchester Waste Disposal Authority’s submission “Recycle for Greater Manchester’s Watch Your Waste Week Campaign” from the United Kingdom.

The jury deemed this campaign the best project because of its strengths on all fundamental elements that make communication and social marketing plans effective. The judging panel was particularly impressed by the quality of planning, in which a clear strategy with detailed and measurable goals was outlined.

“FKF Zrt. – at the service of the people of Budapest. Let’s work together for the sake of our environment!” by Municipal Public Services Co. LTD / FKF Zrt, Hungary, made the second place, and Austria provided our third winner with MA48’s ambitious initiative “Vienna’s success against cigarette butts”.

ISWA Publication Award
The ISWA Publication Award has been created with the intention of honoring the author(s) of a publication, article or book which is deemed to be exceptional in its contribution to the field of solid waste management.

2012 ISWA Publication Award Winners
There were 10 nominations for the ISWA Publication Award 2012 and the judges found great difficulty in determining an overall winner due to the top-class level of and wide variety of subject matter covered by these submissions. However, a clear winner emerged when the panel was forced to make its overall choice.

The number of currently registered International Waste Managers may vary from the total amount below, as not all who have been certified remain actively registered in the programme.

If you are interested in becoming an International Waste Manager please view the brochure available on www.iswa.org or contact the ISWA General Secretariat.
The winner of the ISWA Publication Award 2012 is “Metabolism of the Anthroposphere – Analysis, Evaluation, Design” by Prof. Paul H. Brunner and Mr. Peter Baccini, a book published in 2012 by MIT press.

The panel believed that this is not a book that simply focuses on waste and resource management but has a much wider perspective. Significantly it provides waste managers with a broad understanding of where we fit into the global system of material flows. The book also uses case studies to illustrate some of the strategic changes, particularly in relation to urban design, needed to make resource and waste systems more sustainable.

2012 Media Award Winners
All in all there were 23 submissions for the ISWA Media Award 2012. After a pre-selection made by the nominating National Members of ISWA a shortlist of 6 articles has been forwarded to an international jury whose members ranked the entries as follows:

1. Rogerio Santos Daflon Gomes and Emanuel Alencar, Brazil
2. Fabricio Marques, Brazil
3. Luis Vanderlei Vieira da Silva, Brazil
4. Wang Qing, China
5. Liu Zhe, China
6. Lara Reale, Italy

The winning submission is a series of 6 articles titled ‘Unsustainable Negligence – A city that doesn’t give a damn to recycling’ for the newspaper O GLOBO which deals with waste management in Brazil and provides a comprehensive exposé of the recent waste management practices in Rio de Janeiro. The articles demonstrate the problems of developing a municipal waste reclamation system in a developing economy and, in particular, where the informal sector plays a predominant role in the collection and initial marketing of recyclable materials extracted from Municipal Solid Waste.

The joint second place went to “Designing for Zero Waste. Consumption, Technologies and the Built Environment”, a book by Professor Steffen Lehmann and Dr Robert Crocker, and to Mr. James M. Levin and Mr. Morton A. Barlaz for their article “Is biodegradability a desirable attribute for discarded solid waste? Perspectives from a national landfill greenhouse gas inventory model”

ISWA Media Award
The objective of the ISWA Media Award is to raise social awareness about the necessity of adequate waste management and to stimulate journalists to cover important questions relating to waste generation, collection, transport, treatment and towards sustainable development in a low carbon economy. The award recognizes and rewards professional journalists who have made a significant contribution to the global public’s greater awareness and to the understanding of waste management issues in a positive manner.

Each year the award is dedicated to a general theme to orientate authors. As ISWA considers sustainability not to be a trend, but a reality for both organisations and for individuals, “Beyond Sustainability: new practices for solid waste management” was the theme for this first edition of the ISWA Media Award.

The ISWA Media Award is sponsored by ECOMONDO, www.ecomondo.com.

4. Environment
Promoting sustainable waste management worldwide has a tremendous positive impact on the environment. ISWA’s diffusion of know-how triggers future oriented initiatives in its diverse member countries. Thus ISWA contributes to a healthy environment, to climate protection and to a sensible management of our planet’s limited resources.

Nevertheless, ISWA’s activities have some negative direct environmental impacts. Especially the international conferences require energy and resources. ISWA regards these impacts as a necessary initial ‘environmental investment’ which will pay off manifold through the promotion of sustainable waste initiatives.

Still, also the direct environmental impacts such as flights and sustainable waste management in the conference hotels need to be handled. ISWA strives to reduce these direct impacts.

Climate Protection
Climate change is a core topic nowadays. One of its main causes is the continuous rise of greenhouse gases in the atmosphere. Every year, the concentration of CO2 in the atmosphere increases by 2.07 ppm. In 2011 the atmospheric concentration of carbon dioxide was about 392 ppm.

ISWA promotes a ‘low carbon economy’ by means of sustainable waste management which includes energy-efficient waste collection, transport and processing, energy recovery from waste and reducing the need of energy intensive resources by closing the recycling loops.

Promoting climate protection through sustainable waste management requires international meetings. For the ISWA World Congresses most participants have to travel a considerable distance. In the chart below the CO2-emissions caused by the flights to and from the ISWA World Congresses for the past few years are displayed. There are two important factors which in-

Travel Carbon Emission ISWA World Congresses 2007 – 2011

![Travel Carbon Emission ISWA World Congresses 2007 – 2011](image)

- Total CO2-emissions of all flights (tons)
- Average CO2-emissions per delegate (tons)

(Footnote: The calculation is based on www.atmosfair.de. If the home city of a delegate is unknown, the calculation is based on travelling from the capital of his/her home country. For small countries with several airports a median distance is used for the calculation. Flights of delegates from the host country are only included in the flight calculation if the travelling distance is more than 600 km. All travels of delegates arriving from other countries are considered as flights except for distances below 200 km.)
fluence the total carbon dioxide emissions. The number of delegates who visit the ISWA World Congress and the average distance they have to travel. In the recent years there have been reasonable fluctuations on the carbon dioxide emissions. As the number of delegates remained about the same throughout the last years, the changing average distances of the flights were responsible for these effects. The ISWA World Congress 2011 in Daegu caused 1.252 tons of CO2. In average, each delegate induced about two tons of CO2.1

ISWA strives to minimise its direct carbon footprint. However, ISWA neither wants to reduce the number of delegates who participate in the meetings nor the distance travelled. The conferences shall take place all over the world in order to examine the environmental status and challenges in different countries and to meet ISWA’s global approach and claim. In this case the only method to reduce the climate impact is carbon offsetting. Donating a certain amount of money enables projects that save the climate by investing in renewable energy or reforestation. Just like last year, ISWA has called the World Congress delegates’ attention to private offsetting. Among the vast number of possible organisations for offsetting, ISWA recommended three with high credibility: “Climate Friendly” is the preferred partner of the WWF for offsetting. “My climate” uses reliable calculations and offers good offsetting projects. “Atmosfair” has received several awards for its activities.

Sustainable events
ISWA is committed to making its congresses and conferences an example of good waste- and resource management. All local hosts, co-organisers, hotels and conference venues should consider – and in the future will be obliged to consider – ISWA’s environmental standards for sustainable events.

The ISWA Working Group on Recycling and Waste Minimisation this year finalised the elaboration of internal guidelines and a checklist on ISWA’s standards for sustainable events. This new checklist contains standard and desirable items and from now on will be made an incorporated part of any agreement ISWA concludes with event hosts and co-organisers. Just like last year, the standards for sustainable events below have been communicated to the local hosts and to the venue of this year’s World Congress in Florence.

ISWA Standards for Sustainable Events
The following standards apply to events that are organised in the name of ISWA. This listing contains criteria that are standard and desirable items. The listing is based on the following core principles: waste prevention, reuse and recycling and offsetting carbon emissions.

Organisers of ISWA events are expected to commit themselves to live up to the criteria that are referred to as standard. If the organiser is not able to live up to these criteria it has to be explained why the standards cannot be met.

An organiser who fulfils the standard criteria may advertise in its communication and marketing that the event fulfils the ISWA Standards for Sustainable Events – Silver Level.

Items that are listed as desirable are optional. Compliance to these criteria is desirable, however non-compliance does not have to be explained. Organisers of events which fulfil both the standard and desirable criteria may advertise in its communication and marketing that the event fulfils the ISWA Standards for Sustainable Events – Gold Level.

### PLANNING / PROMOTION
- Offer electronic registration and promote the event electronically via website and e-mail.
- Use recycled paper and print on both sides.
- In communications with exhibitors and contractors request that waste and packaging (including gifts, gift bags or satchels) be reduced.

### TRAVEL SELECTION
- Distance between conference venue and airport. Conference venue can be reached within 60 min via public transport. The conference programme provides a detailed description on how delegates can arrive and depart via public transport.
- Inform the delegates about the possibilities of Carbon Offsetting.
- In communications with exhibitors and contractors request that waste and packaging (including gifts, gift bags or satchels) be reduced.

### CATERING
- Aim to reduce food waste through careful planning.
- Use reusable utensils, crockery, cups and glasses.
- Water and soft drinks in reusable packaging.
- Avoid single-portion packaging (sugar, sweets etc.) at coffee breaks.
- Caterer provides reusable table cloth, crockery and cutlery.

### HOTELS / CONFERENCE VENUE
- Use or recommend hotels within walking distance of the venue.
- At the venue paper, residual waste, plastic waste and compostable waste should be collected and treated separately.
- Reduce use of gifts, gift bags or satchels.
- Use recycled paper and print on both sides.
- Reuse of name tags, which are collected at the end of the conference.
- Hotels and conference venues with environmental certification will be preferred.
- Use of reusable bottles (jugs), if possible with tap water.
- Use rented decorations for the venue (e.g. potted plants instead of cut flowers).

### CONFERENCE DOCUMENTS FOR DELEGATES
- Offer all relevant information, presentations, papers and web links via electronic media (e.g. with use of QR-codes).
- Avoid printing of presentations, proceedings etc.

---

1 The calculation is based on www.atmosfair.de. If the home city of a delegate is unknown, the calculation is based on travelling from the capital of his/her home country. For small countries with several airports a median distance is used for the calculation. Travels of delegates from the host country are only included in the flight calculation if the travelling distance is more than 600 km. All travels of delegates arriving from other countries are considered as flights except for distances below 200 km.
5. Financial Overview

Annual Account 2011
The final results for the fiscal year of 2011 show an overall surplus of € 102,407, which exceeds the budget by approximately € 70,000. This favourable result has been achieved through increased income sources, particularly from membership fees, event organisation and from projects with international organisations. Furthermore the actual expenses have been in line with the budget or in the proportion of the increased income.
The external audit report on the financial statements of the year 2011 did not give rise to any objections and according to the auditor the financial statements comply with legal requirements and give a true and fair view of the assets and liabilities of ISWA and its income and expenses. Also the internal auditors certify in their report the correctness of the accounts 2011 and the result for 2011.
The overall income from membership fees in 2011 has increased by 15% compared to the previous year, which can be attributed to a significant growth in the income from fees gained from the organisation membership categories.
The income from sources other than membership fees increased sharply due to revenues from projects and the organisation of various events, resulting in a total income of 39% greater than budgeted. So the financial situation has improved noticeably within the last year.

Projection 2012
Taking into account that only figures for the first half year are available, at the time this report is written, a moderate surplus for the year 2012 can be expected. This is due to a slight increase in membership payments and income from projects and conference organisation as budgeted. The expenses should not exceed the budget and the funds dedicated to projects within the project grant should be in line with the budget.

Budget 2013
The budget for 2013 has been developed on the basis of the budget and actual numbers from the previous year and taking into account the developments in the current year. We estimate a higher income from membership fees than budgeted for 2012 and actually achieved in 2012, due to promising membership participation and moderate fee adjustments. The income from other sources is budgeted more or less stable. The expenses are higher compared to the budget of 2012 mainly due to additional staff costs. The budgeted overall result shows a small surplus of € 15,000.

Budget Outlook 2014 – 2016
In connection with the Vision and Work Plan for the upcoming years the Board decided also to develop a budget outlook for this period. This preview will be adapted continuously and presented as an updated version at the Board meetings.

---

### AMOUNTS IN EUROS

<table>
<thead>
<tr>
<th>INCOME</th>
<th>Actual 2011</th>
<th>Budget 2012 Approved</th>
<th>Budget 2013 Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memberships</td>
<td>183,650</td>
<td>170,000</td>
<td>205,000</td>
</tr>
<tr>
<td>Other Membership</td>
<td>278,802</td>
<td>230,000</td>
<td>301,000</td>
</tr>
<tr>
<td>Memberships Total</td>
<td>462,452</td>
<td>400,000</td>
<td>506,000</td>
</tr>
<tr>
<td>Congress, Conferences, Sponsorships</td>
<td>42,817</td>
<td>40,000</td>
<td>15,000</td>
</tr>
<tr>
<td>World Congress</td>
<td>73,274</td>
<td>18,000</td>
<td>36,000</td>
</tr>
<tr>
<td>Other Conferences, Seminars</td>
<td>34,000</td>
<td>32,000</td>
<td>34,000</td>
</tr>
<tr>
<td>Sponsorships</td>
<td>155,723</td>
<td>90,000</td>
<td>85,000</td>
</tr>
<tr>
<td>Congress, Conf., Sponsor. Total</td>
<td>61,805</td>
<td>58,000</td>
<td>61,000</td>
</tr>
<tr>
<td>Publications</td>
<td>14,084</td>
<td>13,000</td>
<td>14,000</td>
</tr>
<tr>
<td>Waste Management World and Books</td>
<td>47,282</td>
<td>45,000</td>
<td>47,000</td>
</tr>
<tr>
<td>Waste Management &amp; Research</td>
<td>72,176</td>
<td>60,000</td>
<td>72,000</td>
</tr>
<tr>
<td>Publications Total</td>
<td>159,059</td>
<td>71,000</td>
<td>82,000</td>
</tr>
<tr>
<td>Miscellaneous Income</td>
<td>2.665</td>
<td>2,000</td>
<td>2,000</td>
</tr>
<tr>
<td>International Waste Manager Programme</td>
<td>156,814</td>
<td>35,000</td>
<td>80,000</td>
</tr>
<tr>
<td>Projects</td>
<td>139,489</td>
<td>32,000</td>
<td>82,000</td>
</tr>
<tr>
<td>Miscellaneous Income Total</td>
<td>311,300</td>
<td>300,000</td>
<td>320,000</td>
</tr>
<tr>
<td>ISWA Project Grant</td>
<td>115,218</td>
<td>81,000</td>
<td>111,000</td>
</tr>
<tr>
<td>INCOME TOTAL</td>
<td>1,125,318</td>
<td>891,000</td>
<td>1,043,000</td>
</tr>
</tbody>
</table>

### EXPENSES

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th>Staff Expenses</th>
<th>Printing, Marketing and WiM</th>
<th>Miscellaneous Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Secretariat</td>
<td>444,754</td>
<td>482,000</td>
<td>356,000</td>
</tr>
<tr>
<td>WM&amp;R Editor</td>
<td>16,042</td>
<td>15,000</td>
<td>23,000</td>
</tr>
<tr>
<td>Consultants</td>
<td>0</td>
<td>5,000</td>
<td>0</td>
</tr>
<tr>
<td>Staff Expenses Total</td>
<td>460,796</td>
<td>502,000</td>
<td>389,000</td>
</tr>
<tr>
<td>Printing, Marketing and WiM</td>
<td>1,554</td>
<td>5,000</td>
<td>2,000</td>
</tr>
<tr>
<td>Books</td>
<td>0</td>
<td>1,000</td>
<td>0</td>
</tr>
<tr>
<td>Other Printing, Marketing materials</td>
<td>22,757</td>
<td>15,500</td>
<td>20,000</td>
</tr>
<tr>
<td>Printing, Marketing and WiM Total</td>
<td>24,310</td>
<td>21,500</td>
<td>22,000</td>
</tr>
<tr>
<td>Project, Sponsoring and Funding</td>
<td>26,000</td>
<td>36,000</td>
<td>36,000</td>
</tr>
<tr>
<td>Task Force</td>
<td>0</td>
<td>0</td>
<td>3,000</td>
</tr>
<tr>
<td>Regional Development Networks and TAP</td>
<td>3,000</td>
<td>5,000</td>
<td>2,000</td>
</tr>
<tr>
<td>Co-Projects</td>
<td>18,989</td>
<td>18,000</td>
<td>30,000</td>
</tr>
<tr>
<td>Project Grant</td>
<td>99,806</td>
<td>135,000</td>
<td>175,000</td>
</tr>
<tr>
<td>STC work programme</td>
<td>3,191</td>
<td>0</td>
<td>3,000</td>
</tr>
<tr>
<td>Representation</td>
<td>1,246</td>
<td>5,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Other</td>
<td>6,319</td>
<td>5,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Projects Total</td>
<td>289,318</td>
<td>224,000</td>
<td>259,000</td>
</tr>
</tbody>
</table>

### BREAKDOWN OF INCOME SOURCES

- **Memberships**
- **Conferences, Conferences, Sponsorships**
- **Publications**
- **Projects**
- **ISWA Project Grant**

**Breakdown of income sources by categories in %**

- **Memberships**: 39%
- **Conferences, Conferences, Sponsorships**: 12%
- **Publications**: 11%
- **Projects**: 10%
- **ISWA Project Grant**: 6%

---

Note: For the 2013 budget all numbers given rounded to €1,000.

**RESULT (TO EQUITY CAPITAL)**

<table>
<thead>
<tr>
<th></th>
<th>Actual 2011</th>
<th>Budget 2012</th>
<th>Budget 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Net Before Financial Items</strong></td>
<td>102,407</td>
<td>15,000</td>
<td>15,000</td>
</tr>
<tr>
<td><strong>EXPENSES TOTAL</strong></td>
<td>1,033,600</td>
<td>879,000</td>
<td>1,029,000</td>
</tr>
<tr>
<td><strong>ISWA Project Grant</strong></td>
<td>306,000</td>
<td>306,000</td>
<td>306,000</td>
</tr>
</tbody>
</table>
6. National Members

The ISWA National Members are non-profit waste management associations representing the waste management sector in a particular country. Generally, these associations have memberships from both public and private entities. Based on ISWA regulations, the National Members are the only membership that is allowed to vote at the General Assembly and thus, constitute the governing body of ISWA.

As per 31 July 2012 ISWA has 37 National Members, thereof two new National Members from Bosnia and Herzegovina and Croatia respectively.

- Argentina, ARS Asociación para el Estudio de Residuos Sólidos, www.ars.org.ar
- Australia, WMMA Waste Management Association of Australia, www.wmma.org.au
- Austria, ISWA Austria, www.iswa.at
- Belgium, INTERFAVIAL, www.vsgvb.be
- Bosnia and Herzegovina, BASWA Bosnian Solid Waste Association
- Brazil, ABRELPE Associação Brasileira de Empresas de Limpeza Pública e Resíduos Especiais, www.abrelpe.org.br
- Croatia, AVEFZV, www.avs.hr
- Czech Republic, ČESKA HROMADNÁ ODVODNÁ, www.chod.org.cz
- Denmark, DRAT Dan Region Association of Towns - Sanitation & Environmental Sanitation, www.drat.dk
- Estonia, LASA Waste Management Association, www.lasa.ee
- Finland, YLI, www.ylaistenyrityskyt.fi
- France, Astee, www.astee.org
- Germany, VKU e. V. Förderverein VKU Abfallwirtschaft und Stadtreinigung, www.vku.de/abfallwirtschaft.html
- Greece, HSWM Hellenic Solid Waste Management Association, www.hswma.gr
- Hungary, Hungarian National Committee, www.fsh.hu
- Iceland, FENUR, www.fenur.is
- India, ISWAN National Solid Waste Association of India, www.iswan.org
- Ireland, MFWI, Macroeco Solid Waste Management, www.mfwi.org.uk
- Israel, DRAF Dan Region Association of Towns - Sanitation & Waste Disposal, www.hinory.co.il
- Italy, ATIA-IWA Italia, www.atoitalia.it
- Japan, JWMA Japan Waste Management Association, www.jwma-tokyo.or.jp
- Korea, REP, KSWM Korea Society of Waste Management, www.kswm.or.kr
- Latvia, LASA Waste Management Association of Latvia, www.lasa.lv
- Malaysia, WMAM Waste Management Association of Malaysia, www.wmam.org
- Netherlands, N.V.R.D., www.nvrd.nl
- Norway, Avfall Norge, www.avfallnorge.no
- Portugal, APESB Associação Portuguesa de Engenharia Sanitária e Ambiental, www.apeb.org
- Romania, ARS Romanian Association of Solid Waste Management, www.salubritatea.ro
- Spain, ATEGRUS, www.ategrus.org
- Sweden, Avfall Sverige, www.avfallssverige.se
- Switzerland, ISWA Switzerland Secretariat
- Turkey, Turkish National Committee on Solid Wastes, www.boun.edu.tr
- United Kingdom, CWM The Chartered Institute of Waste Management, www.cwm.co.uk

At the last General Assembly (GA) it was decided to abolish the status of Incoming National Membership and to instead implement new dues regulations for both Low Income countries and Lower Middle Income countries as follows:

All countries listed annually by the World Bank as being Low Income countries, whose National Committee applies to join ISWA as a new member, will pay flat National Member dues of € 300 annually and have one vote in the GA. All countries listed annually by the World Bank as being Lower Middle Income countries, whose National Committee applies to join ISWA as a new member, will pay flat National Member dues of € 1,000 annually and have one vote in the GA. These dues may rise in line with general inflationary increases approved by each year’s GA.

7. Gold Members

ISWA Gold Members and ISWA Silver Members are public or private organisations and companies working in or associated with the field of waste management. ISWA appreciates the support of all its Gold and Silver Member organisations and is happy to have sixteen new Gold Members this year. Below you will find the full listing of all current ISWA Gold Members (status 31/07/2012).

To learn more about the multitude of benefits which come with an ISWA Gold or Silver Membership please visit our website www.iswa.org.

- Afval Energie Bedrijf, Netherlands, www.afebrgebedrijf.nl
- AMARSU- Valoizotiz e Teatameto de Residuos Saldos S.A, Portugal, www.amarsu.pt
- ANFIA SERVICE s.r.l., Italy, www.anfia.it
- ARA AG, Austria, www.aranet.at
- ASMI Prata, Italy, www.asmi.it
- be’ah Oman Environmental Services Holding Company, Oman, www.bea.com.om
- Catanzano Costruzioni srl, Italy, www.catanzanocostruzioni.it
- CEAMSE Coordinación Ecología Area Metropolitana Sociedad del Estado, Argentina, www.ceamse.gov.ar
- CNIM Construction Industrielle de la Méditerranée, France, www.cnim.com
- Conzorziu Italiano Compostatori, Italy, www.compost.it
- Corepla, Italy, www.corepla.it
- DHL Envirosolutions, United Kingdom, www.dhl.co.uk/en/logistics/supply_chain/solutions/what_we_do/environmental_compliance_envirosolutions.html
- Ecoexud s.r.l., Italy, www.ecoexud.com
- ENVIRON ASSOCIATION, Romania, www.environ.ro
- EPREM S.A., Spain, www.egpm.gr
- ERA Eco-Kom Abambala, Romania, www.ecoramabambala.ro
- Federambiente, Italy, www.federambiente.it
- FISE-Assambiente, Italy, www.fise.org
- Foot Plus asbl, Belgium, www.footplus.be
- Gesuana spa, Italy, www.gesuana.it
- Hitachi Zosen Inovio AG, Switzerland, www.hz-inova.com
- iai Events Group, United Kingdom, www.aiarevents.com
- IFC International Finance Corporation, United States, www.ifc.org
- KHV COMMUNAL HYGIENE PUBLIC ENTERPRISE - Skopje, Macedonia, www.khigena.mk
- KSZGYSZ Association of Environmental Enterprises, Hungary, www.kszgysz.hu
- MAAG City of Vienna, Austria, www.wien.gv.at/umwelt/maag
- MARTIN GmbH, Germany, www.martingmbh.de
- MATAHANA S.A., Spain, www.matahana.com/english
- Messe München GmbH, Germany, www.mfd.de
- MOSCA Mosca Grupo De Servicios, Brazil, www.grupo-mosca.com.br
- MWK UK Ltd, United Kingdom, www.mwkglobal.com
- NRS Nordvåstra Skeds Renhållnings AB, Sweden, www.nrs.se
- OWWC Odense Waste Management Company LTD, Denmark, www.odenseswaste.com
- Österreichischer Städtebund, Austria, www.staedtebund.gv.at
- OYAH Österreichischer Wasser- und Abfallwirtschaftsverband, Austria, www.oewav.at
- RAMBOLL, Denmark, www.ramboll.com
- REMONDIS International, Germany, www.remondis.com
- Renova, Sweden, www.renova.se
- Rimini Fiera SpA, Italy, www.riminifiera.it
- Sanitek s.a., Lebanon, www.sanitekworld.com
- S.C. SUPERCOM - s.a., Romania, www.supercom.ro
- Seclt spa, Italy, www.secltspa.it
- SIBICO International Ltd, Russia, www.sibico.com
- SLC Sudakwon Landfill Site Management Corp., Korea, Rep., www.slc.or.kr
- SLK Consulting, United Kingdom, www.slkconsulting.com
- SYSA AB, Sweden, www.sysservice.se
- TNE Teamnet Engineering, Romania, www.teamnet.ro
- Trioplast Mineral Liners International BV, Netherlands, www.trioplast.nl
- UCan CWIM, University of Central Lancashire, Centre for Waste Management, United Kingdom, www.ucan.ac.uk/cwim
- Veolia Propre, France, www.veolia-propre.com
- Vestforbrænding U/S, Denmark, www.vestfor.dk
- Via Expo Ltd., Bulgaria, www.viaexpo.com
- VINCI ENVIRONMENT, France, www.vinci-environment.com
- WUK Wiener Kommunalf- Umweltschutzprojektgesmbh, Austria, www.wuk.at
- Work of the Public Sanitation Association, Hungary, www.koztegy.hu
8. Sponsors

As an ISWA sponsor, your company or organisation will receive excellent exposure to global waste managers and decision-makers. Exposure comes in many forms: business contacts, introductions to suppliers and buyers, conference presentation slots, exhibition halls, sharing of the latest research and applied technologies, legislative developments, and more.

ISWA is where you need to be as the waste industry undergoes some of the most significant changes ever seen in terms of populations requiring service, and the quantity of solid wastes and recyclable materials to be managed.

Your company or organisation, as an ISWA sponsor, will have the opportunity to improve its international network, compare business development results, and gain market share in targeted areas and global regions.

Sponsorship categories include Main Sponsor, Annual Report Sponsor and Web Site Sponsor.

For more information on ISWA’s different sponsorship possibilities and benefits, please contact the ISWA General Secretariat.

ISWA Main Sponsors 2012
The contributions of the Main Sponsors are crucial to ISWA. With them ISWA is able to reach its objectives with more impact and more sustainability. Often the assistance of ISWA’s Main Sponsors goes beyond financial help and evolves into mutual partnerships to the benefit of the work towards ISWA’s mission - to promote and develop sustainable waste management worldwide.

ISWA would therefore like to give special thanks to the Main Sponsors of 2012:

ISWA’s mission is to promote sustainable waste management. The ISWA Report 2012 provides a comprehensive summary of the organisation’s activities made towards fulfilling its mission during the year 2011 and the first half of the year 2012.

Many of the indicators given in this report cover a time span of at least three years in order to allow the interpretation of trends. Furthermore the report gives an overview on the organisational structure, financial aspects and direct environmental impacts. Thus the present report considers various elements of sustainability reporting.

ISWA publishes such a report each year. The report is spread among the delegates of the ISWA World Congresses and Beacon Conferences, ISWA members, possible future members and further interested persons.

For questions concerning the report please contact:

Gerfried Habenicht
Communications Manager
International Solid Waste Association
ISWA General Secretariat
Auerspergstrasse 15/41
A-1080 Vienna, Austria
E-Mail: ghabenicht@iswa.org

For more information on ISWA see www.iswa.org

Acknowledgments
Editor and responsible for the content: ISWA General Secretariat.
Contributing authors: ISWA President Jeff Cooper provided valuable input and comments. Consulting regarding sustainability reporting was received from Denkstatt GmbH.
Photos: ISWA General Secretariat. Cover photo is taken from the conceptual art project/series „SPREADING SPRAYING INSIGHTS – The ISWA flower on global tour“ by Jeanette Müller www.trustroom.com