



# ISWA'S STC & WORKING GROUPS WORK PROGRAMS, 2010-2012

NOVEMBER 2010



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## Message from the STC Chair

Dear colleagues

It is my honor as well as my pleasure to present you this booklet with the Scientific Technical Committee (STC) Work Program for the years 2010 - 2012 and the related Working Groups (WGs) programs.

This booklet is a proof of the steps implemented by STC and WGs during the last two years. Steps that include efforts for a better alignment with Board's priorities, a more strategic focus on deliverables and a lot of voluntary work dedicated to increase participation and meaningful membership.

Although we have done some steps towards more productive and target oriented STC and WGs' activities it is obvious that there are much more to do. The road behind us is long enough to ensure that we are on the right way, but short enough comparing to the distance we have to travel.

In the era of globalization, waste management becomes a more and more vital activity in each and every country and city. It is a measure of public health and environmental protection but it is also a measure of good city governance. It is a matter related more and more to resources management but still without efficient and effective worldwide safe treatment and disposal solutions. And there are a lot of signs, that the importance of waste management and the difficulty to handle the continuous differentiated waste streams will be a crucial issue for the day to day city life in the near future.

In a certain view, it is obvious that our era requires a kind of ISWA more than ever. Fortunately for all of us ISWA is already here, stronger after last two years' turbulences and wiser after 40 years of global activities.

There is a challenge out there and a window of opportunity that we have to utilize. And as our experiences from the White Paper on Climate Change and Waste Management clearly demonstrates, we have to pick battles big enough to mater and small enough to win – this is the way forward for ISWA.

This is a time of global change and we have to adapt to the emerging new realities. This is a time of change for ISWA too.

We need a more global ISWA with more local activities.

We need stronger interaction between National Members and ISWA Board & GA, more deliverables and more volunteerism.

We need a better scientific but also a more professional ISWA profile.

We need a new vision for our growth and development but also a strong day to day management of our activities.

What I learnt from my 2 years STC Chair term is that ISWA is getting recognition and influence when:

- It promotes sustainable SWM policies for sustainable societies
- It is a global provider of capacity building and expertise in SWM
- It bridges the gap between science and markets, knowledge and applications
- It provides global rules for local solutions
- It is a network for know-how exchange and coordination of different stakeholders
- It serves as a Best Practice Resource Centre
- It gives pride and recognition for members and SWM professionals

I am sure that all of us will learn more and hopefully more important things during the implementation of the Work Programs included in this document.

So please read carefully the following pages and be in contact with STC and WGs. After all, the proposed activities are finally dedicated to cover your needs and we are going to be more than happy to adapt and modify them to new emerging ideas.

What we can promise is that we are going to do our best, as STC and WGs, to **fly HIGH with ISWA**.

To be more **H**elpful for members

To be more **I**nfluential worldwide

To contribute for more **G**lobal presence

To have a **H**igher scientific and technical profile

What we do expect is that all of you will join our efforts to **fly HIGH with ISWA**.

Let's do it

Sincerely yours,



*Antonis Mavropoulos,  
ISWA STC Chair  
amavrop@epem.gr*

# 1. STC Work Program 2010 - 2012

Below there is a short description of the STC Work Program and its main priorities, in the spirit of which the ten Working Groups (WGs) of ISWA have outlined their forthcoming actions.

## 1.1 Overall objectives of STC for 2010-2012

One of the core objectives of STC for the years to come is to deliver greater results, both in quantity, as well as to maintain, and even further improve their quality.

In this framework, ISWA's brand name should be a symbol of high quality technical output for the most challenging SWM issues.

Efforts should be made in order to create a new ISWA STC and WG membership identity, which will be characterized by expertise, volunteering, and global view.

Financial sustainability is also a catalyst for the wellbeing of the association, as well for its further development. In this spirit, STC and WGs have to create their own funds from project-based sponsorships.

Finally, STC and WGs have to increase the active participation and involvement of individual members and scientists that can shape a valuable dynamic for the association.

## 1.2 Specific Priorities

In order to succeed the overall objectives, the association should look upon seven important priorities that are described below:

### *Priority 1: SWM and GHGs*

GHGs and SWM should be for ISWA a top priority, where actions that aim to this, include:

- A new WG (it is already established)
- Communication campaign
- Participation in all major events
- Standard seminar for decision makers
- CDM and recycling
- Networking
- Cooperation with cities

### *Priority 2: ISWA's Knowledge base*

ISWA's Knowledge base is an important tool, through which, the technical profile of ISWA will be upgraded and the association will be able to deliver ability to its members, making all documents that are produced each year available and accessible.

Also ISWA will be able to provide a new content for “digital members”, as well as to increase the income on a long-medium horizon, providing a significant added value to individual membership.

Finally, this platform can provide a canvas for all WG activities.

The knowledge base it is already under construction and it is going to be demonstrated in General Assembly.

*Priority 3: Globalization and SWM*

ISWA will prepare a New White Paper, to discuss SWM in a globalized and highly populated world. For the needs of this paper a new Task Force (TF) will be formed, which will investigate the following issues:

- Global trends and challenges regarding SWM
- Global market development and recycling
- Global barriers and drivers for sustainable SWM
- The need for Global Convention
- The role of Megacities
- SWM and informal sector recycling
- SWM and International Aid Tools
- ISWA as a global stakeholder
- 5-6 workshops dedicated to the previous issues will be implemented

The project outcomes will be presented at Florence ISWA Annual Congress in 2012.

*Priority 4: Working Papers*

Several papers on key - issues will be prepared, and will include topics like:

- Waste Prevention - Minimization and Resource Management
- Waste trafficking
- Sustainable landfills
- ISWA and global SWM rules
- Risk and uncertainties in SWM planning

The first two working publications are about to be finalized.

*Priority 5: IWM activities*

Special attention will be given to activities for strengthening the International Waste Managers (IWM) initiative. These actions will consist of:

- New initiatives - focus on Asia and Latin America
- Decentralization, where national members take the lead
- IWM college and privileges
- IWM initiative for public authorities



*Priority 6: STC - WG identity*

In order to recognize and reward ISWA members who dedicate voluntarily their time and effort for promoting ISWA's causes, as well as to set an example for other non active members to do so, a special card should be introduced. This card will offer to its holders recognition, as well as certification of active participation.

The expected effects of the introduction of the card include:

- Meaningful membership
- Increase Recognition and Pride
- Motivation for new members
- Stimulate performance

*Priority 7: ISWA Scientific profile*

The objective of this initiative is to upgrade ISWA's scientific profile and increase academics' participation in the association.

As starting point, it will be the creation of a TF of academics that are already members of ISWA.

Special focus will be given to WM&R, as well as from experts coming from developing countries.

The next steps for this initiative are:

- TF creation
- Specific tools like scholarships etc.

## 2. Working Groups Work Programs

The following Working Group Programs are indicative and they are in line with the STC Program presented above. Actions included in this tables aim to increase STC's deliverability. They are presented although some of them will be soon finalized or partially modified.

The actions are sited in chronological order starting from October 2010 and include examples of activities like Seminars - Meetings - Workshops, Publications, Conferences, Globalization and SWM, IWM procedures, GHGs and SWM and any other activities.

It is mentioned that STC and WGs members invite all ISWA members to propose specific modifications or activities that promote the goals of the association, including dissemination of knowledge on SWM and publicity for ISWA.

## 2.1 WORKING GROUP ON LANDFILL - "Work program 2010 - 2012"

**Chair:** Derek Greedy, Email: derekgreedy@warwickshire.gov.uk

**Vice-Chair:** Jan Thrane, Email: jt@odenserenovation.dk

TARGET ACTIVITIES (describe each activity briefly)	IMPORTANCE (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	RELATION WITH ISWA PRIORITIES & STC OBJECTIVES (describe the contribution of each activity to general ISWA & STC priorities)	TIMETABLE (key-dates & milestones or the described activities)	ISWA BOARD AND/ OR GS CONTRIBUTION (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	OTHER COMMENTS (describe any other issue that is considered necessary)
WG Meeting, Hamburg	a	Exchange of information, experiences & latest news	15th-18th November 2010, ISWA Congress, Hamburg	Secretary support by the GS (writing & distribution of the MOM)	
Finish updating the international guidelines for sustainable landfill evaluation	b	Contributes to ISWA profile	End 2010	Secretary support by the GS (distribution of document)	
Build a stronger collaboration with Methane to Markets	b	Contributes to ISWA profile/ Technical Development	End 2010		To discuss Memorandum of Understanding at Hamburg Congress
Translation of the Operational Guidelines into Portuguese, Mandarin, French & Spanish using funding from the Vienna grant	a	Basis for Training & Education	End 2011	Secretary support by the GS (document control)	Prerequisite: Vienna grant given
Connect with Sweepnet (Solid waste expert exchange network Middle East & North Africa)	a	Development	2011		To be coordinated with STC Chair
WG Meeting, London	a	Exchange of information, experiences & latest news	Spring/Summer 2011	Secretary support by the GS (writing & distribution of the MOM)	

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Start a state of the nation report covering landfilling practices and regulation in different countries	b	Contributes to ISWA profile	Spring 2011	Secretary support by the GS (document control)	
WGL Master Classes on Advanced Landfill Leachate Treatment & on Advanced Landfill Gas Recovery & Utilization, Lisbon, Portugal	a	Training & Education	Spring 2011	Promotion support & WGL expert participation	In cooperation with the Portuguese ISWA National Member & form & extent to be further discussed in the WG
Seek grants for developing further work in Africa	b	Development	Mid 2011		To be discussed further in the WG
Africa Sustainable Waste Management Beacon Conference, Luanda, Angola	a	Training & Education	Summer 2011	Promotion support & WGL expert participation	In cooperation with the Portuguese ISWA National Member & form & extent to be further discussed in the WG
WG Meeting, Daegu, Republic of Korea	a	Exchange of information, experiences & latest news	October 2011, during the ISWA World Conference	Secretary support by the GS (writing & distribution of the MOM)	Subject to the General Assembly/Annual Congress going ahead in Daegu
WG Meeting	a	Exchange of information, experiences & latest news	Spring 2012	Secretary support by the GS (writing & distribution of the MOM)	Place to be decided
Produce technical guideline on active rehabilitation & forced aeration	b	Contributes to ISWA profile	Spring 2012	Secretary support by the GS (document control)	Form & extent to be discussed in the WG

**ISWA'S STC & WORKING GROUPS WORK PROGRAMS, 2010-2012**

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ISWA Beacon Conference, Buenos Aires, Argentina	a	Training & Education	Spring 2012		Not yet finally decided
WG Meeting, Florence, Italy	a	Exchange of information, experiences & latest news	Autumn 2012	Secretary support by the GS (writing & distribution of the MOM)	

## 2.2 WORKING GROUP ON BIOLOGICAL TREATMENT OF WASTE - "Work program 2010 - 2012"

**Chair:** Enzo Favoino, Email: enzofavoino@alice.it

**Vice-Chair:** Boris Efremenko, Email: boris.efremenko@veolia-proprete.fr

TARGET ACTIVITIES (describe each activity briefly)	IMPORTANCE (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	RELATION WITH ISWA PRIORITIES & STC OBJECTIVES (describe the contribution of each activity to general ISWA & STC priorities)	TIMETABLE (key-dates & milestones or the described activities)	ISWA BOARD AND/ OR GS CONTRIBUTION (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	OTHER COMMENTS (describe any other issue that is considered necessary)
WG Meeting, Perugia	a	-	14 April 2010, During ISWA Beacon Conference on Biological Treatment, Perugia	Secretary support by the GS	
ISWA Beacon Conference on Biological Treatment	a	Consolidate ISWA position in the sector of biological treatment, trigger cooperation with other NGOs & the Academics	15-16 April 2010, Perugia	Secretary support by the GS. Organizational support by ISWA Italy, definition of agreements with ISWA	
WG Meeting, Brussels	a	-	20 September 2010	Secretary support by the GS	
Follow, discuss, influence the EU initiative on biowaste. Contribute to position papers by the Biowaste Alliance of stakeholders/NGOs	b	Put ISWA, alongside other stakeholders from the "biowaste alliance" at the core of sectoral strategy-setting & policy-making	Throughout 2010-2012		
Seek grants for "Regional Biowaste Conferences"	b	Increase ISWA profile in areas where (bio)waste management is evolving, help local policy- &	Mid 2011		

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		decision-makers assess options for diversion of biodegradables			
Collect info & define "issue papers" on hot topics (digestate, sludge)	b	Contribute to a compared/structured assessment of management of particular types of biodegradable waste in different Countries	Started 3Q 2010, until late 2011?	Secretary to help Chair collate info and organize in a structured way	
Cooperate with TF and WG on "waste & climate change"	a	Contribute to establishment of a science-based inventory of possible contributions of biological treatment to general goals of GHG reduction	Started, throughout 2011 & 2012	GS and Board to ensure proper coordination of efforts, & exerting control on cross-compliance of actions by different WGs	
Seek grants for "life cycle inventory of climate-related benefits of biological treatment"	a	Contribute to establishment of a science-based inventory of possible contributions of biological treatment to general goals of GHG reduction. Interact with climate-change reference International authorities	Mid 2011		
WG Meeting	a	-	Spring 2011	Secretary support by the GS	Place to be decided
WG Meeting	a	-	Late 2011	Secretary support by the GS	Place to be decided
WG Meeting	a	-	Spring 2012	Secretary support by the GS	Place to be decided, likely during the Beacon

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					Conference
ISWA Beacon Conference, on Biological Treatment	a	Consolidate ISWA position in the sector of biological treatment of waste, trigger cooperation with other NGOs & the Academics	Perugia? Spring 2012	Secretary support by the GS. Organizational support by ISWA Italy, definition of agreements with ISWA	
WG Meeting	a	-	Autumn 2011	Secretary support by the GS	Place to be decided

## 2.3 WORKING GROUP ON HAZARDOUS WASTE - “Work program 2010 - 2012”

**Chair:** Jean-Paul Leglise, Email: jp-leglise@orange.fr

**Vice-Chair:** Paulde Brycker, Paul.De.Brycker@indaver.be

<b>TARGET ACTIVITIES</b> (describe each activity briefly)	<b>IMPORTANCE</b> (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	<b>RELATION WITH ISWA PRIORITIES &amp; STC OBJECTIVES</b> (describe the contribution of each activity to general ISWA & STC priorities)	<b>TIMETABLE</b> (key-dates and milestones or the described activities)	<b>ISWA BOARD AND/ OR GS CONTRIBUTION</b> (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	<b>OTHER COMMENTS</b> (describe any other issue that is considered necessary)
WG meeting Hamburg	c	This WG Meeting will define the program	16 <sup>th</sup> of November 2010, ISWA Congress, Hamburg	GS Support as usual	
Next meetings			3 Meetings per year in 2011 & 2012	GS Support	
Training Resource Pack	a	Very important for image Involves UNEP	Work will take between one & two years depending on manpower available	Resources for sure	Budget depending on UNEP participation
Workshop in Brussels	a	image	End 2011	Support from GS	Budget to back up
Repetition of the workshop in RDNs	a	Image	2012	Support from GS	Travel expenses



## 2.4 WORKING GROUP ON COLLECTION & TRANSPORTATION TECHNOLOGY - "Work program 2010 - 2012"

Chair: Theo Lemmen, Email: Theo.Lemmen@geesinknorba.com

TARGET ACTIVITIES (describe each activity briefly)	IMPORTANCE (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	RELATION WITH ISWA PRIORITIES AND STC OBJECTIVES (describe the contribution of each activity to general ISWA and STC priorities)	TIMETABLE (key-dates and milestones or the described activities)	ISWA BOARD AND/ OR GS CONTRIBUTION (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	OTHER COMMENTS (describe any other issue that is considered necessary)
Meeting WGCTT	c		7-8 April 2011 (Stockholm)		
Meeting WGCTT	c		6-7 October 2011 (UK?)		
Publication of various Methods of Collection in European Countries	b	By investigating the current methods it will help members in all countries to make up their mind for introducing or developing waste collection schemes	Mid 2012	Help may be required in gathering the needed information	We will ask for input by all member of the WG as well as from all ISWA members, in order to get a broad document
Publications of Trends and Challenges in Waste Collections in Europe	b	By showing trends in Waste Collection it will improve alignment in continents in ways to collect waste	Mid 2012	Input required on composition of waste in various countries. Also on volume growth (if any) as well as prevention methods	Description of status approx 2 years ago, today and in near future

## 2.5 WORKING GROUP ON HEALTHCARE WASTE - "Work program 2010 - 2012"

**Chair:** William K. Townend, Email: w.townend@ntlworld.com

**Vice Chair:** YvesChartier, Email: chartieri@who.int

<b>TARGET ACTIVITIES</b> (describe each activity briefly)	<b>IMPORTANCE</b> (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	<b>RELATION WITH ISWA PRIORITIES &amp; STC OBJECTIVES</b> (describe the contribution of each activity to general ISWA & STC priorities)	<b>TIMETABLE</b> (key-dates & milestones or the described activities)	<b>ISWA BOARD AND/OR GS CONTRIBUTION</b> (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	<b>OTHER COMMENTS</b> (describe any other issue that is considered necessary)
Support for the Indian Society of Health Care Waste Management Conference	a		30th & 31st October 2010, New Delhi, India	Support by Chair Message in their programme	
Meeting of WG	a		November 2010 - ISWA Congress, Hamburg	Support from GS	
Support for the publication the WHO Blue Book	a	Important for Low & Middle income countries	Early 2011	Already applied for financial support for the publication	
Presentation at the European Medical Waste Conference	a		February 2011	To be given by a WG Member	
Meeting of WG in Leoben, Austria	a	In place of cancelled meeting in April 2010	Spring 2011	Support from GS	
Promulgation of Blue Book Beacon Conference Possibly in Istanbul	a	Important to promulgate the Blue Book	Autumn 2011	Support required for the organisation of the Beacon Conference with the Turkish National Member	
Two hour session of WG	a		ISWA Congress 2012, Florence		

## 2.6 WORKING GROUP ON COMMUNICATION - "Work program 2010 - 2012" (Draft)

**Chair:** Gunilla Carlsson, Email: gunilla.carlsson@sysav.se

**Vice-Chair:** Suzanne Arup Veltze, Email: sav@dakofa.dk

<b>TARGET ACTIVITIES</b> (describe each activity briefly)	<b>IMPORTANCE</b> (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	<b>RELATION WITH ISWA PRIORITIES &amp; STC OBJECTIVES</b> (describe the contribution of each activity to general ISWA & STC priorities)	<b>TIMETABLE</b> (key-dates & milestones or the described activities)	<b>ISWA BOARD AND/ OR GS CONTRIBUTION</b> (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	<b>OTHER COMMENTS</b> (describe any other issue that is considered necessary)
WG meeting, Autumn 2010, (Hamburg)	a		Autumn 2010, Hamburg	Participation from GS	
Specify the groups role and responsibility	a		Autumn 2010	-	
Conference Session in Firenze	a		Firenze 2012	Economic resources for an external speaker	
To raise the knowledge of the importance of using strategic communication in waste management	a				
To be a facilitator of important subjects/issues to the GS	a				
WG meeting, Spring 2011	a		Spring 2011	Participation from GS	
WG meeting, Autumn 2011	a		Autumn 2011	Participation from GS	
WG meeting, Spring 2012	a		Spring 2012	Participation from GS	

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Speakers at beacon conferences	b			Economic resources	
Training courses in communication management	b			Economic resources	

## 2.7 WORKING GROUP ON LEGAL ISSUES - "Work program 2010 - 2012"

**Chair:** Martin Hassfurther, Email: martin.hassfurther@wien.gv.at

**Vice-Chair:** Glen Mcleod, Email: Glen.McLeod@MinterEllison.Com

<b>TARGET ACTIVITIES</b> (describe each activity briefly)	<b>IMPORTANCE</b> (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	<b>RELATION WITH ISWA PRIORITIES &amp; STC OBJECTIVES</b> (describe the contribution of each activity to general ISWA & STC priorities)	<b>TIMETABLE</b> (key-dates and milestones or the described activities)	<b>ISWA BOARD AND/ OR GS CONTRIBUTION</b> (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	<b>OTHER COMMENTS</b> (describe any other issue that is considered necessary)
Position Paper Public Private Partnership	a	Contributes to ISWA profile Dissemination of Knowledge & experience	Draft in WG meeting March 2011 Finished: June 2011	Feedback on Paper  Dissemination of Paper	Analyse the different interests in the chain of waste management. Overview of the ways in which they could be balanced. Including collaboration models outside EU/VS
Platform for concrete legal cases & topics & for legal experts	a	Contributes to ISWA profile	Immediately	Dissemination of Knowledge	Every meeting a topic will be presented by a working-group member or by an invited expert
Contribution to the Database – Identifying important legal "wastetopics" especially for three groups: policy makers, research institutes and for ISWA	a	Contributes to ISWA profile & activities Dissemination of Knowledge & experience	Immediately, generating contributions step by step  A discussion paper with a view on the long term development of a legal database will be in WG meeting, March 2011	Integration in the database	On the long term a legal database could be build offering insight in national legal frameworks in different regions together with papers on specific legal topics. A source to compare, inspire, stimulate & initiate progress.

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Legal knowledge for training activities & good practices in waste management	a	Contributes to ISWA profile  Dissemination of Knowledge & experience	Pilot project  July 2011	Integration in the database	The focus should not only be directed to the collection of formal data but also informal & practical data. The project contributes to the development of universal values in waste management
Overview to the implementation of the Waste Framework Directive	a	Contributes to ISWA profile  Dissemination of Knowledge and experience	Immediately	Integration in the database	

## 2.8 WORKING GROUP ON RECYCLING AND WASTE MINIMIZATION - "Work program 2010 - 2012"

**Chair:** Maarten Goorhuis, Email: goorhuis@nvr.nl

**Vice-Chair:** Bjorn Appelquis, Email: bjoapp@tmf.kk.dk

TARGET ACTIVITIES (describe each activity briefly)	IMPORTANCE (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	RELATION WITH ISWA PRIORITIES & STC OBJECTIVES (describe the contribution of each activity to general ISWA & STC priorities)	TIMETABLE (key-dates & milestones or the described activities)	ISWA BOARD AND/ OR GS CONTRIBUTION (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	OTHER COMMENTS (describe any other issue that is considered necessary)
Position paper Waste Trafficking	a	Contributes to ISWA profile	STC, board & WG input Sept. - Oct. 2010. Finished: December 2010.	Feedback on draft paper Dissemination of approved paper	
Key issue paper Waste prevention, waste minimization & resource management	a	Contributes to ISWA profile	Draft in WG meeting Sept. 2010. STC, board en WG input: Nov. 2010. Finished: early 2011	Feedback on draft paper Dissemination of approved paper	
Beacon Conference Prevention & Recycling	a	Dissemination of knowledge & experience	May 26-27, 2011	Coordination by GS	
Internal guidelines for waste prevention & recycling at ISWA events	b	Contributes to ISWA profile	Second half 2011	Feedback from STC, Board & GS	

## 2.9 WORKING GROUP ON ENERGY RECOVERY - "Work program 2010 - 2012"

**Chair:** Håkan Rylander, Email: hakan.rylander@sysav.se

**Vice-Chair:** Jorgen Haukohl, Email: jh@ramboll.dk

<b>TARGET ACTIVITIES</b> (describe each activity briefly)	<b>IMPORTANCE</b> (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	<b>RELATION WITH ISWA PRIORITIES &amp; STC OBJECTIVES</b> (describe the contribution of each activity to general ISWA & STC priorities)	<b>TIMETABLE</b> (key-dates & milestones or the described activities)	<b>ISWA BOARD AND/ OR GS CONTRIBUTION</b> (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	<b>OTHER COMMENTS</b> (describe any other issue that is considered necessary)
Beacon-Conference	a	Exchange of information, experiences & latest news	October/November 2011	Promotion & participation from the ISWA GS	
Sessions at Annual ISWA World Congresses	a	See above	2010-2012	See above	
Statistics	a	Base for knowledge & information	2011	Participation from ISWA GS	
WG meetings	a	The core of ISWA activities	October 2010, March & October 2011 March & October 2012	Participation from ISWA GS	
Communicating good practice & good experiences from Waste-to-Energy & the interaction with other methods – recycling, biological treatment etc	a	Communication Promotion Increasing awareness & status	Continuously, starting in spring 2011	Resources & participation from ISWA GS	



**ISWA'S STC & WORKING GROUPS WORK PROGRAMS, 2010-2012**

<b>TARGET ACTIVITIES</b> (describe each activity briefly)	<b>IMPORTANCE</b> (rate the importance of the activity for the WG a: high importance, b: medium, c: business as usual)	<b>RELATION WITH ISWA PRIORITIES &amp; STC OBJECTIVES</b> (describe the contribution of each activity to general ISWA & STC priorities)	<b>TIMETABLE</b> (key-dates & milestones or the described activities)	<b>ISWA BOARD AND/ OR GS CONTRIBUTION</b> (describe what may be needed from ISWA Board or GS for the certain activity e.g. resources, promotion, participation etc.)	<b>OTHER COMMENTS</b> (describe any other issue that is considered necessary)
Optimization potential of Energy Recovery as electricity and/or heat from Waste to Energy plants	b	Technical Development	2010 -2012	See above	
Minimising the amount of bottom ash & with increased & sustainable use of it	a	Recycling Technical Development	See above	See above	
Safe and sustainable handling of flue gas cleaning residues	a	Development	See above	See above	
"Waste-to-Energy" - a short report, with description of the technology, advantages, disadvantages, possibilities, limitations, costs etc. To be used by developing countries & countries without waste-to-energy so far	a	Communication Support Promotion	2011-2012	See above	
Alternative emerging energy technologies – thermal gasification, hydrogen from waste etc. List of technologies, possibilities, limitations.	a	Information	2011	See above	
Experience on Energy Recovery from Waste & How Energy Recovery contribute to a Sustainable Urbanisation	a	Information	2011-2012	See above	

## 2.10 WORKING GROUP ON CLIMATE CHANGE & WASTE MANAGEMENT- "Work program 2010 - 2012"

Chair: Gary Crawford, Email: gary.crawford@veolia-proprete.fr

Description	Deliverable	Target Audience	Schedule	Priority
<b>1. Networking for capacity building, disseminating knowledge and experience at country, institution or individual levels.</b>				
<b>Establish contacts</b> with relevant organisations, institutions, and associations on general topics / key messages	Organise meetings with Contacts (define priorities) Prepare meeting minutes, Terms of Collaboration	<u>International</u> : CEWEP, FEAD, IEA, World Bank, IDB, Methane to Markets, IETA, Pan American Health Organisation ... <u>National</u> : Waste Associations, CC Focal Points	2010-2011	1
<b>Develop/implement training programmes</b> in developing countries and economies in transition	Training packages - (e.g.cost effective waste solutions and GHG impacts; CDM projects in the waste sector; etc. )	<i>List target country organisations</i>	2011	2
<b>Establish Waste &amp; Climate information exchange</b> platform as part of ISWA's website and/or digital library	Include WP, WG deliverables, key studies, reports, links to key websites, best practices, case studies...	ISWA members and visitors to the ISWA website	2011(initial) with regular updating	1
<b>2. Initiating and supporting research and education on GHG related issues.</b>				
<b>Interact with research centers and universities</b> on latest studies	References to latest studies on website	ISWA members and visitors to the ISWA website	2011-2012	2

**ISWA'S STC & WORKING GROUPS WORK PROGRAMS, 2010-2012**

<b>Seek example Cities</b> to develop case studies (City Partnerships, ICLEI )	Case studies on example Cities Prepare a publication on city examples highlighting innovative approaches contributing to reduced GHG footprint (document, website)	City Governments	2011-2012	1
Provide support on <b>Carbon Footprint</b> calculations on a city level	Carbon footprint report(s)	City Governments	2011-2012	1
<b>4. Assessing experience from different countries and regions on policies, strategies and regulations.</b>				
<b>Review emerging regulations and financial instruments</b> dealing with climate change (cap and trade systems, carbon tax, GHG emissions reporting...)	Report	ISWA members and stakeholders	2011	2
<b>5. Participating actively in global events and negotiations regarding Waste and Climate Change before 2012 and beyond.</b>				
<b>Participate in COP16</b> in Mexico in December 2010	Distribute White Paper	Government Representatives, UNFCCC representatives	2010	2
<b>Participate in COP17</b> in South Africa in December 2011	Distribute White Paper / Reports	Government Representatives, UNFCCC representatives	2011	1
<b>Provide input to the UNFCCC on the Clean Development Mechanism</b>	Comment Letter to CDM EB on suggested Post-2012 improvements	CDM Executive Board	2011	1

**ISWA'S STC & WORKING GROUPS WORK PROGRAMS, 2010-2012**

<p><b>Provide input to the UNFCCC on the Clean Development Mechanism</b></p>	<p>Propose new methodologies (recycling, composting)</p>	<p>CDM Executive Board</p>	<p>2011-2012</p>	<p>1</p>
<p>Prepare report on <b>carbon abatement costs</b> of waste treatment technologies</p>	<p>Report</p>	<p>Government authorities, IPCC</p>	<p>2011</p>	<p>1</p>
<p>Organise an ISWA event <b>Waste &amp; Climate Conference 2</b> in the first half of 2011</p>	<p>Conference</p>	<p>ISWA Members + outside stakeholders</p>	<p>2011</p>	<p>1</p>
<p>Organise 3 <b>other conferences</b> (focused on specific subjects: post-2012, developing countries, GHG accounting)</p>	<p>Conference                      Reports</p>	<p>ISWA Members + outside stakeholders</p>	<p>2011-2012</p>	<p>1</p>