

## STC Priorities and Work Plan 2013

### The emblematic themes of the STC are identified as:

#### ***Waste and Health***

addressing the impact of substandard waste management on public health, safety, social equity and the environment and seeking ways to improve the situation, particularly the transition from open dumps to engineered landfills, the integration of the informal sector and the implementation of appropriate healthcare and hazardous waste management.

#### ***Material Flows and Global Recycling Markets.***

understanding material flows and global recycling markets also giving attention to upstream factors like life cycle analysis and product design (such as improved recyclability & recoverability of materials and substances, reducing hazardous contents of materials, resource efficiency); green economy, low carbon growth and climate impacts; access to materials, resource security; food security and food waste; extended producer responsibility; trafficking; interface of recycling with energy recovery etc.

#### ***The challenge of adaptation for SWM facilities***

from the aspects of cities and mega cities; urbanisation and population growth; impacts of climate change and disaster waste; implementation of the waste hierarchy and integrated waste management such as interrelationship between/reconciliation of different practices such as waste prevention, recycling and energy recovery.

The STC will focus on the identified emblematic themes listed above through:

- the transfer of expertise, knowledge, training and up-skilling
- promotion of research and science
- support of better governance and institutional capacity building
- influencing the establishment and implementation of appropriate policy, legislation, planning and standards
- public private partnerships and strengthening synergies between government, industry, academia, and NGOs
- encouraging the direction of funding and finance towards the waste sector

## Specific Topics

In the context of the emblematic themes, specific priority topics are therefore identified as:

### High

Globalisation and Waste Management  
 Waste and Climate Change  
 Disaster Waste Management  
 Sustainable Landfilling  
 Green Economy/Resource Efficiency  
 Megacities  
 Recycling Standards  
 Material Flows and markets  
 Food Waste  
 Composting/Biological treatment of waste,  
 particularly in developing economies  
 Waste to Energy in emerging and  
 transitional economies

### Medium

Implementation of legal requirements  
 Improved material recyclability &  
 recoverability  
 Urban Mining  
 Extended Producer Responsibility  
 Waste Trafficking  
 Marine Litter  
 Landfill Mining

## Targets

### Targets/Deliverables for 2013

4 Beacon Conferences  
 1 World Congress  
 4 Training Events  
 8 - 10 ISWA Papers/Reports  
 3 Scientific Papers for WM&R  
 3 WM&R Editorials  
 1 WMW article  
 Project Wastepedia – stage 1.

### Target Regions

South America  
 Asia/ Pacific  
 Russia  
 Africa  
 Middle East

## Regular Activities

International Waste Manager Programme  
 Project Grant  
 Knowledge Base  
 Functioning of Working Groups  
 Cooperation with RDNs and International Organisations

### STC Work Programme 2013

	DESCRIPTION	PRIORITY THEMES COVERED	LOCATION	TIMETABLE	RESPONSIBLE	COOPERATION	BUDGET IMPLICATIONS
<b>EVENTS</b>	Beacon Conference- Final Sinks	Sustainable landfilling Material flows	Helsinki, Finland	16-18 May	WG-Landfill	Aalto University/ Technical University Vienna	
	MSW: Management Systems and Technical Solutions  (ISWA Cooperation Conference)		Moscow, Russia	28-30 May	WG-CTT WG-L WG-RWM WG-ER	SIBICO	
	Cooperation event – Landfill & Transfer Stations	Climate Change/ Landfill gas capture Sustainable Landfilling	Gold Coast, Australia	7-9 August	WG-Landfill	GMI	
	ISWA World Congress 2013 <i>Programme committee representation and each Working Group to be involved in planning session(s)</i>	Ensure that sessions cover priority themes	Vienna, Austria	7-11 October	All Working Groups	City of Vienna WM&R	-
	Beacon Conference WTE		Malmoe, Sweden	23-24 October	WG-ER		
	Bio-waste workshop	Implementation of legal requirements	Bulgaria		WG-BTW	ECN	Project Grant funds
<b>PROJECTS</b>	Waste-pedia		-	2013	Lead by WG-CTT; supported by other WGs		≈€20,000 (rough estimation)
	Data Mapping	Material flows,	-	2013		D-Waste; Let's do it	??

		sustainable landfilling					
<b>PROJECT GRANT</b>	Evaluation of Grant Process and Outcomes 2011-2012		-	Jan 2013	Antonis/Rachael		
	Call for proposals and selection of projects	Projects selected based on priority themes and Geographic target regions	-	March 2013	Selection Committee to be established		≈€120,000
<b>KNOWLEDGE BASE</b>	Create content and promotion	All priority themes	-	2013	All		
<b>EDUCATION &amp; TRAINING</b>	Study Tour WTE		<i>Austria/ Germany/ Sud Tirol (to be finalised)</i>	June	GS & WG-ER	<i>To be finalised</i>	
	ISWA Summer School – Landfill under tropical conditions	Sustainable Landfilling	Malaysia	12-23 August	GS	WM&R, University of Malaya	
	Study Tour Anaerobic Digestion		Sweden		GS & WG-BTW	SP Sveriges Tekniska Forskningsinstitut and Avfall Sverige	
	Training Resource Pack for Hazardous Waste Management	Waste & Health Improved recyclability of waste		Dec 2013	WG-HW input from other's e.g. WG-C; WG-HCW		Project Grant funds
<b>WM&amp;R</b>	Provide input to Aims & Scope			Jan 2013	All	WM&R	
	Provide input to Special Issue list	Covering priority theme(s)		Jan 2013	All	WM&R	
	Write editorial(s)	Covering priority theme(s)				WM&R	

	Identify Research questions	Covering priority theme(s)				WM&R	
	Prepare/Commission Articles	Covering priority theme(s)				WM&R	
	Joint meeting with EG during World Congress					WM&R	
<b>WMW</b>	Joint Meeting with Editorial team & STC (in connection with STC meeting)		Helsinki	May	All	WMW	
	Prepare Article(s)	Covering priority theme(s)				WMW	
<b>ISWA PAPERS</b>	Food waste	Food waste	-	Jan 2013			
	Landfill mining	Landfill mining	-	Jan 2013	WG- Landfill		
	<i>Waste and Health</i>	<i>Waste and Health</i>			<i>WG-HCW with input from all WGs</i>		
	Sustainable Waste Management & Green Economy	Green Economy			General Secretariat		
	Landfill Aftercare	Sustainable Landfilling			WG- Landfill		
	Digestate & Sewage Sludge	Material flows, recycling of nutrients			WG-BTW		
<b>ISWA REPORTS</b>	Global Recycling Markets	Global Recycling Markets and Material Flows			TF-Globalisation		
	Globalisation Report	Globalisation		Dec 2013	TF-Globalisation		

	Landfill Guidelines – tropical conditions	Sustainable Landfilling	-	Jan 2013	Project Grant/ WG Landfill	Technical University Vienna	<i>project grant funds 2011-2012</i>
	Guidelines on Product Chain Management	Material Flows, Resource Efficiency		July 2013	Project Grant/WG-RWM	NVRD	<i>project grant funds 2012-2013</i>
<b>BROCHURE</b>	Communication Tools- Climate Change	Climate Change			WG - CC		<i>Project grant funds</i>
<b>OTHER</b>	UNEP/OCHA Review Group	Disaster Waste Management		ongoing	Derek Greedy Jan Kuehling JP Leglise	UNEP/OCHA	
	Strengthening of IWM programme				Need to appoint a chair of programme		