

26th – 28th May 2009, Dubai Airport Expo Centre

Under the patronage of H.H. Sheikh Hamdan Bin Rashid Al Maktoum, Deputy Ruler of Dubai,
Minister of Finance and Industry and Chairman of Dubai Municipality

Tuesday 26th May 2009

10:00-11:30 **Opening Ceremony: Waste and its Effect on Global Climate Change**

- Waste in the context of a low-carbon future: linking energy, waste and sustainable development
- Potential carbon savings of a coherent waste strategy
- Climate change: embedding waste at the core of sustainability
- Waste a material resource and energy resource

Chairperson: H.E Ahmed Butti Ahmed, *Executive Chairman*, Ports, Customs and Free Zone Corporation

Keynote Addresses:

- HE Dr Rashid Ahmed Bin Fahed, *Minister of Environment and Water*, United Arab Emirates
- Mr. Fareed Bushehri, *Regional Office for West Asia*, United Nations Environment Programme (UNEP)
- Mr Hassan Makki, *Director of Waste Management Department*, Dubai Municipality
- Mr W Gregory Vogt, *Managing Director*, International Solid Waste Association (ISWA)

11:30-14:00 **Lunch and exhibition visit**

14:00-15:30 **Consumption, Population and Cities**

Chairperson: Habiba Al Marashi, Chairperson, Emirates Environmental Group

- How does the structure of a city relate to waste per capita?
- What are the key issues affecting the broader aspects of recycling in the Middle East?
- Corporate Responsibilities - waste management planning and procedure
- Maximum Recycling of Material and Energy, Minimum of Landfilling – A Sustainable Solution
- E-Waste: the global challenge

Keynote Address: Dr Radhiya Al Hashimi, Director of Arab Towns, Dubai Municipality

- Mr Eng Ali Hassan Al Suwaidi, *Executive Director*, Operations, Imdaad (UAE)
- Dr. Sadek Owainati, *Engineering Consultant, Founder & Past Chair*, The Emirates Green Building Council (Emirates GBC)
- Håkan Rylander, *Managing Director*, The Solid Waste Company of Southern Scania (SYSAV), SWEDEN
- Jim Puckett, *Basel Action Network (BAN)*

16:00-17:30 **Land Use and its Effect on the Environment**

Chairperson: Mr Raji Maasri, Director General, Mores, Lebanon

- Natural versus anthropogenic pollution
- Current waste management practices and their land use implications for Dubai 2020 and beyond
- Environmental components of Master Planning
- Environmental implications of poor waste management practices and strategies to improve environmental and land use performance
- Local and global enabling factors as drivers for setting up modern systems for management of MSW
- Environmental Master Planning – Middle East and African experiences
- Involvement of private sector in MSW management
- Challenges in waste collection and management contracts

Speakers:

- Brent Ridgard, Managing Director (Environment & Energy), WSP Middle East
- Jacques R. Chahine, President and CEO, EDESSA
- J. Bjørn Jakobsen, Business Development Manager, Waste, COWI
- Dr Neil Kirkpatrick, Head of Environment and Sustainability, Royal Group

17:30

End of Day One

Wednesday 27th May 2009

09:30-11:00 **Economy and the environment**

Chairperson: Miriam Kennet, Director, The Green Economics Institute

- What is the impact of economic investments on the environment?
- Urban mining as a global challenge
- Waste disposal and resource recovery
- From credit crunch to global issues crunch - or revival?!

Keynote Address: Dr. Armin Vogel, Managing Director, FAUN Expotec GmbH

Speakers:

- Mr Abdullah Al-Ali Al-Nuaim, President & Chairman, Board of Trustees, The Arab Urban Development Institute (AUDI)
- James Greyson, Senior Sustainability Analyst, BlindSpot Economic and Ecological Think-Tank

11:30-13:00 **Construction and Waste Management**

Chairperson: Nigel Mattravers, Past Chairman, Waste Management Board, Institution of Civil Engineers, UK, and Director, Grant Thornton

- Revival of wasted resources
- Methods to make use of construction waste resources
- Preserving the environment through rehabilitation of construction waste
- Integrating waste management
- Building the nation - sustainably
- Valuing resource efficiency in the Middle East

Keynote Address: Construction waste management in Sharjah

Mr Humaid Al Mualla, Environmental Services Department, Sharjah Municipality

- Eng. Jaza Al-Enezi, Deputy General Manager for Development & Technical Affairs, Environment Preservation Industrial Company (EPIC)
- Mr Syed N. Rizvi, *Special Assignments Manager*, EHS – TRAKHEES-PCFC Ports, Customs, Freezone Corporation (Dubai World)
- Kelwyn Davies, *Waste Manager*, Aldar Properties PJSC
- James Hurley, *Head of the Resource Efficiency Group* (REG), Hyder Consulting

13:00-14:00 **Lunch and exhibition visit**

14:00-15:30 **Industrial & Hazardous Waste Management**

Chairperson: Ed Boucaut, Business Unit Leader, AECOM

- Conceptual design of Ghunan Environmental Centre (Saudi Arabia)
- Advanced vibrating membrane treatment to recycle waste oil (under low temperature) into intermediate grade lubricant
- Methods to effectively manage industrial & hazardous wastes in the UAE
- Planning for future industrial & hazardous waste management in the UAE

Speakers:

- A. M. K. Al-Shahri, General Manager, KEW
- Daniel M. Cheng, Managing Director, Dunwell Enviro-Tech (Holdings) Ltd
- Ed Boucaut, Business Unit Leader and Tara Wilcox, Solid Waste Management Sector Leader, AECOM
- George Mohan, Manager - Environment, Health and Safety, Emirates Float Glass LLC

16:00-17:30 **Waste to energy**

Chairperson: Peter Rossington, Associate Consultant, Waste & Resource Management, WSP Environmental

- Waste Management, Greenhouse Gas Emissions, and the Clean Development Mechanism (CDM)
- Comparison of CO2 emission reduction between the different waste management options
- Waste to energy: false hope?
- Case study: Suffolk County Council
- Resource management: competing for the waste stream
- Applicability of systems to climatic conditions

Speakers:

- Dr. Ahmed Khaled Mostafa, *Technical Specialist / Deal Manager, Carbon Finance Unit (CFU), World Bank*
- Wael Hmaidan, *Executive Director, IndyAct (Lebanon) and Steering Committee Member, GAIA Co-ordinator in the Arab World*
- Bryn Griffiths, *Strategic Commissioner Sustainable Environment, Suffolk County Council*
- Mr Keith Newman, *Technical Director, Averda*

17:30 **End of Day Two**

Thursday 28th May 2009

09:30-10:45 **Domestic Waste Control**

Chairperson: Eng. Naji Mohammed Saeed AlRadhi, Head of Waste Treatment Section, Dubai Municipality

- What influences consumers' decisions and how can sustainable consumption be made normal?
- What are the social ecological implications of urbanisation and associated waste issues?
- How can communities be mobilised to adopt new waste systems and practices?
- Development and implementation of upstream policies
- Developing appropriate systems to reflect lifestyles of the population

Keynote Address: Lina Chaaban, EnviroCare Manager, Tadweer

Keynote Address: The challenges and opportunities of increasing urbanisation – the role of the Waste / Resource Manager

Mr. Olabode Esan, Solid Waste Management Adviser, Abu Dhabi Municipality

Speakers:

- David Singh, *Managing Director, Global Renewables*
- Katherine Hanson, *Marketing Director, Envac*

11:15-12:30 **Regulating Refuse: Municipal Role**

Chairperson: Wolfgang Teubner, *Executive Director, ICLEI (Local Governments for Sustainability)*

- Review of how waste management is currently being addressed by Municipal Authorities and the results achieved
- Dubai Municipality's vision, mission and values
- Recycling in Dubai
- Private sector partnership in waste management
- The importance of co-operation in creating sufficient scale for an economic and environmental sound waste management infrastructure
- Establishing a knowledge centre at national level for best practice
- Benchmarking by service, costs and environment
- Ensuring cost recovery via municipal waste tax

Keynote Address: The Current and Future Role of Municipal Authorities in the region Sheikh Mohamed Bin Jabor Al Thani, Director Ministry of Municipal Affairs and Agriculture

Keynote Address: Eng. Hassan Mohammed Makki, Director of Waste Management Department, Dubai Municipality

- Herman Huisman, Msc. Senior Expert on Waste Management, SenterNovem, Agency of the Ministry of Economic Affairs (Netherlands)

12:30-13:30 **Lunch and exhibition visit**

13:30-14:30 **Recycling & Landfills**

Chairperson: Chairperson: Mr Reinhard Göschl, *Managing Director*, Emirates Environmental Technology Co LLC

- Strategies for diversion from landfilling and optimised management of biodegradable waste (and other recyclables)
- Composting, anaerobic digestion and their performances, trends and integration
- MBT for treatment of residuals and its integration to landfilling and energy recovery
- Case study: Solid Waste Management System and Operations in Beirut: Averda's experience in Lebanon (1994 – to date)
- Corporate social responsibility
- Vision for public-private partnerships
- The need for an integrated approach – technology alone is not the answer
- Assessment of waste options, a strategic evidence based approach

Speakers:

- Dr. Enzo Favoino, *Vice Chairman*, ECN-European Compost Network, and *Chairman of the WG on Biological Treatment*, ISWA – International Solid Waste Association
- Mr Walid Shaar, *Chief Operations Officer*, Averda International
- Dr Darren Perrin MCIWM, BSc.MRes.PhD, *Consulting Group Manager*, Enviros Consulting

15:00-16:00 **Zero Waste Inaccuracies and realities**

Chairperson: Mr Reinhard Göschl, *Managing Director*, Emirates Environmental Technology Co LLC

- Extended producer responsibility
- Clean production
- From Waste Management to Material Management: The Zero Waste Concept
- Zero Waste is the initial goal; but what real objectives are possible in 2009 and beyond?
- Sustainable waste management - the Australian approach

Speakers:

- Beverley Thorpe, *Director*, Clean Production Action (International)
- Dr Paul Connett, Professor Emeritus of Environmental Chemistry, St. Lawrence University, Canton; Director, American Environmental Health Science Projects; Joint Founder, Global Alliance for Incinerator Alternatives (GAIA), and Executive Producer, Grass Roots Recycling Network (GRRN)
- Wael Hmaidan, *Executive Director*, IndyAct (Lebanon) and *Steering Committee Member*, GAIA Co-ordinator in the Arab World
- Andrew Quinn, *Senior Waste Consultant*, GHD Australia

16:00 **End of Conference**

The latest participants list can be found at:

<http://www.wastesummit.com/the-exhibition/exhibitors-sponsors-and-supporters/>

More information and registrations:

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