



OMAN WASTE & ENVIRONMENTAL SERVICES CONFERENCE & EXHIBITION

13 14

DECEMBER 2017

Sheraton Oman Hotel
Muscat, Oman

Hosted by

The Organizer



**Oman Waste and Environmental Services (OWES)
Wednesday 13 December 2017 - Conference day one**

08:00 Registration & networking

08:55 Welcome remarks by emcee

09:00 Conference Inauguration by the chief guest
His Excellency Mohammed bin Salim Al Toobi, Minister of Environment and Climate Affairs (MECA)

Session A: Waste - A new outlook

09:05 Keynote presentation: Oman's transition to circular economy
Sheikh Mohammed Sulaiman Al Harthy, Executive Vice President - Strategic Development, Oman Environmental Services Holding Company (be'ah)

09:25 Keynote presentation: Energy in the new perspective
His Excellency Dr. Rashid Alleem, Chairman, Sharjah Electricity and Water Authority (SEWA)

09:55 Coffee Break & Exhibition Tour

Session B: Recovery- a perspective

10:20 What is Waste, classification and challenges in Oman's waste management Sector
Jørn Lauridsen, Head of Hazardous Waste Unit, Oman Environmental Services Holding Company (be'ah)

10:40 Taking care of non-recyclable waste
Philippa Charlton, Chief Marketing Officer, Averda

11:00 Case study: Reducing the amount of waste that goes to landfill - achieving the target of 100% diversion of waste from landfill
Dulce Pássaro, Former Minister of Environment and Spatial Planning, Government of Portugal

11:20 Economical Value Chain of Waste (MSW & Non-hazardous)
Eng. Walter Hauer, Senior Expert, International Solid Waste Association (ISWA) & Managing Director, Technisches Büro HAUER Umweltwirtschaft GmbH

- 11:40 The economic and environmental potential of used cooking oil**
- Understanding the economical & legal requirements for a robust national UCO policy

Harald Sigl, Head of Corporate Communication and Public Affairs, **Münzer Bioindustrie GmbH** and Former Member, **The Cabinet of the Minister of Agriculture and Environment, Austria**

- 12:00 Interactive panel session: Understanding the best practices to recycle and reuse**

Panelists:

Jørn Lauridsen, Head of Hazardous Waste Unit, **Oman Environmental Services Holding Company (be'ah)**

Dulce Pássaro, Former Minister of Environment and Spatial Planning, **Government of Portugal**

Philippa Charlton, Chief Marketing Officer, **Averda**

Eng. Walter Hauer, Senior Expert, **International Solid Waste Association (ISWA) & Managing Director, Technisches Büro HAUER Umweltwirtschaft GmbH**

Harald Sigl, Head of Corporate Communication and Public Affairs, **Münzer Bioindustrie GmbH** and Former Member, **The Cabinet of the Minister of Agriculture and Environment, Austria**

Moderator:

Prof. Steve Halls, Chairman, **IEMA Oman** and Senior Environmental Expert, **Ministry of Environment and Climate Affairs**

12:30 Coffee break

- 13:00 Presenting International trends in MSW-to-Energy conversion - Case study from Europe**

Bettina Kamuk, Global Market Director Waste to Energy, **Ramboll**

- 13:20 Presenting the technique for Recycling of Electronic Waste**

Rajesh Gupta, Director, **Evergreen Gulf Recycling HUB**

- 13:40 Re-use, recycling, re-use and final disposal of hazardous waste**

Mike Beedham, Business Development Director, **TRADEBE**

- 14:00 Waste to fuel conversion – An exclusive presentation**

Priyesh Bhatti, Director & Chief Executive Officer, **Gujarat Environment Protection and Infrastructure Limited (GEPIL)**

- 14:20 Waste-to-Energy in Oman – Potential, challenges, Roadmap – Recovering value from general waste and municipal waste**

- Understanding the possible applications in Oman (To water, RDF, Biogas) – Be'ah

Anup Thaliath, Business Development Specialist, **Oman Environmental Services Holding Company (be'ah)**

14:40 **Interactive panel session: Future of Waste – Going global - Challenges and opportunities for waste management and 3R**

Panelists:

Bettina Kamuk, Global Market Director Waste to Energy, **Ramboll**

Rajesh Gupta, Director, **Evergreen Gulf Recycling HUB**

Mike Beedham, Business Development Director, **TRADEBE**

Priyesh Bhatti, Director & Chief Executive Officer, **Gujarat Environment Protection and Infrastructure Limited (GEPIL)**

Anup Thaliath, Business Development Specialist, **Oman Environmental Services Holding Company (be'ah)**

Abdul Karim, General Manager, **Maqshan Oil & Gas Service SAOC**

Moderator:

Prof. Steve Halls, Chairman, **IEMA Oman** and Senior Environmental Expert, **Ministry of Environment and Climate Affairs**

14:55 **Moderator's closing remarks**

Prof. Steve Halls, Chairman, **IEMA Oman** and Senior Environmental Expert, **Ministry of Environment and Climate Affairs**

15:00 **Lunch and end of conference day one**

**Oman Waste and Environmental Services (OWES)
Thursday 14 December 2017 - Conference day two**

08:00 Registration & networking

08:50 Moderator's opening remark

Eng. Franz Neubacher, Senior Waste Management Expert - Environment Center of Excellence, Oman **Environmental Services Holding Company (be'ah)**

Session D: Technologies in Waste Management – Discussing the State-of-the-art technologies for waste collection, transportation, sorting and recycling

09:00 Selection Criteria of Waste Technologies

Prof. Steve Halls, Chairman, **IEMA Oman** and Senior Environmental Expert, **Ministry of Environment and Climate Affairs**

09:20 Innovative technology in Non-Hazardous Waste / Methodology for Recycling

Kevin Negoro Kasih, Co-Founder and Managing Director, **BlackForest Solutions GmbH** & Middle East Representative, **German RETech Partnership**

09:40 Solid Waste Collection Services. Presenting Suma's experience in Oman

Vincenzo Piepoli, Director, **SUMA**

10:00 The Automation in the Sorting of Municipal Solid Waste (MSW)

Sebastian Ebers, Sales Engineer - Middle East, **Tomra Sorting DMCC**

10:20 Interactive panel session: Discussing the trends that are Reshaping the Recycling and Waste Management Industry

- Understanding the selection criteria of waste processing technologies

Panelists:

Prof. Steve Halls, Chairman, **IEMA Oman** and Senior Environmental Expert, **Ministry of Environment and Climate Affairs**

Vincenzo Piepoli, Director, **SUMA**

Kevin Negoro Kasih, Co-Founder and Managing Director, **BlackForest Solutions GmbH** & Middle East Representative, **German RETech Partnership**

Sebastian Ebers, Sales Engineer - Middle East, **Tomra Sorting DMCC**

Moderator:

Eng. Franz Neubacher, Senior Waste Management Expert - Environment Center of Excellence, Oman **Environmental Services Holding Company (be'ah)**

10:40 Coffee break

Session D: Technologies in Waste Management – Discussing the State-of-the-art technologies for waste collection, transportation, sorting and recycling (Contd.)

11:00 Advances in Plastic Recycling

Kasim Puthanpurakkal, General Manager, **Connex LLC**

11:20 Developing the integrated technologies for MSW Processing

Eng. Helmut Krug, Managing Partner, **R+M Management + Resources**

- 11:40** **The unique challenges in the region in addressing waste collection, sorting and recycling – Presenting Dulsco’s experience**
Sreeram Madhumohan, Director Environmental Solutions, **Dulsco**
- 12:00** **The difference between waste management and smart waste management is only 12 bytes**
Elie Aad, Director Solution Sales Support – Middle East, **SIGFOX**
- 12:20** **Lead Battery recycling in Oman**
Eng. Yaser Assaad, General Manager & Partner, **Arab Lead**
- 12:40** **Interactive panel session**

Panelists:

Kasim Puthanpurakkal, General Manager, **Connex LLC**
Eng. Helmut Krug, Managing Partner, **R+M Management + Resources**
Sreeram Madhumohan, Director Environmental Solutions, **Dulsco**
Elie Aad, Director Solution Sales Support – Middle East, **SIGFOX**
Eng. Yaser Assaad, General Manager & Partner, **Arab Lead**

Moderator:

Eng. Franz Neubacher, Senior Waste Management Expert - Environment Center of Excellence, Oman **Environmental Services Holding Company (be'ah)**

13:00 **Coffee break**

Session E: Future of Waste Management in Oman

- 13:20** **Challenges in operation of sanitary landfills with recovery and treatment of leachate and landfill gas, closure and post closure care**
Dr. Said Mohammed Al Touqi, Landfill Rehabilitation Manager, **Oman Environmental Services Holding Company (be'ah)**
- 13:40** **Development of Bio-waste management in Oman**
Suad Hosni, Business Development Executive, **Oman Environmental Services Holding Company (be'ah)**
- 14:00** **Waste Recovery Options and Resource Efficiency in the Cement and Mining Industry**
Eng. Franz Neubacher, Senior Waste Management Expert - Environment Center of Excellence, **Oman Environmental Services Holding Company (be'ah)**
- 14:20** **Interactive panel session: Technologies, Investment & Market**
- Panelists:**
Senior Representative, **Oman Environmental Services Holding Company (be'ah)**
Senior Representative, **Ministry of the Environment and Climate Affairs (MECA)**
Senior Representative, **Muscat Municipality**
- Moderator:**
Eng. Franz Neubacher, Senior Waste Management Expert - Environment Center of Excellence, Oman **Environmental Services Holding Company (be'ah)**
- 14:40** **Moderator’s closing remarks**

Eng. Franz Neubacher, Senior Waste Management Expert - Environment Center of Excellence, Oman **Environmental Services Holding Company (be'ah)**

14:45 Lunch and end of conference