



Programme

TUESDAY 24 FEBRUARY 2015

WEDNESDAY 25 FEBRUARY 2015

- 08.30-09.10 **Registration and networking**
- 09.10-09.20 **Chairman's welcome**
Ian Crummack, Managing Director, Cobalt Energy
- 09.20-09.50 **Towards a circular economy – Is there a role for energy recovery?**
Julio Garcia-Burgues, Head of Unit, DG Environment, European Commission
- 09.50-10.10 **Has circular economy policy short changed energy?**
David Palmer-Jones, CEO, SITA UK
- 10.15-10.40 **The Dutch approach to resource management and waste to energy**
Herman Huisman MSc, Senior advisor/Expert, RWS Environment, Agency of the Ministry of Infrastructure and Environment, Government of the Netherlands
- 10.45-11.20 **Discussion - Where is waste policy heading, and what are the implications for waste to energy in terms of capacity and infrastructure? With panel guest:**
Ella Stengler, MD, CEVPEP; Mike Brown, Director, Eunomia
- 11.20-11.50 **Refreshments**

Optional Site Visit

An optional part of the conference, this year's site visit is to Viridor's newly opened Ardley Energy Recovery Facility in Oxfordshire.



- 11.50-12.10 **The financing environment – an examination of the changes to the electricity market and the implications for waste to energy**
Nick Churchward, Partner, Burges Salmon
- 12.10-12.50 **Questions and discussion – what is the impact of current financial mechanisms and what developments are emerging in the investment environment for waste treatment infrastructure?**
Ed Northam, Head of Investment, UK Green Investment Bank
Andrew Kirkman, Finance Director, Viridor
Nick Dawber, Managing Director, Energos

12.50-14.00/14.10 **Lunch**

14.10-16.15 **BREAKOUT SESSIONS 1-3**

16.30-17.30 **BREAKOUT SESSIONS 4-6**

Breakout sessions: Day 1

Wednesday 25 February 2015

Breakout session 1: C & I merchant funding and investment

Chairman: Adrian Judge, Director, Tolvik Consulting

14.10-14.30 **Capacity, infrastructure and investment - the Scottish programme for sustainable delivery.**

Jonathan Guthrie, Project Investment Advisor, Scottish Government
 14.30-14.45 **Questions**

14.45-15.05 **The rationale and reality of funding C&I waste projects**

Chris Holmes, Managing Director, Waste and Bioenergy, UKGreen Investment Bank

15.05-15.25 **Achieving financial close in the merchant C&I sector, for an ACT provider.** Professor Hisanori Shimakura,

Professional Engineer (Environmental Engineering), Kobelco Eco-Solutions Co., Ltd

15.25-15.45 **Successful finance structures for merchant waste plants – novel approaches, workable solutions.**

Ashish Anand, Director, Investment Banking Division, Global CAPEX Financing Solutions, Barclays

15.45-16.15 **Questions and discussion, with panel guests:**
 Nick Churchward, Partner, Burges Salmon; Adam Gordon, Investec

16.15-16.40 **Refreshments**

Breakout session 4: C & I merchant funding facilitated networking session with SRF/ RDF producers and suppliers.
 Co-ordinated with involvement and input from the UK Green Investment Bank.



Chairman: Adrian Judge, Director, Tolvik Consulting

16.40-17.30 **Facilitators include:**

Nick Churchward, Partner, Burges Salmon
 Adam Gordon, Investec
 Keith Riley, Managing Director, BH Energy Gap
 Stephen Ray, Director, Waste & Bioenergy, UK Green Investment Bank Plc

17.30

Networking drinks reception, sponsored by Valmet

19.30

Energy from Waste conference dinner

Breakout session 2: Market connect: Middle East

Chairman: Ian Crummack, Managing Director, Cobalt Energy

14.00-14.45 **Understanding the opportunities for waste to energy in the UAE and other parts of the Middle East.** Olabode Esan, Manager, Business Development, Special Projects Unit, Masdar

Questions, discussion and networking

Breakout session 3: The RDF / SRF market – trade and development

Chairman: Ian Crummack, Managing Director, Cobalt Energy

14.45-15.05 **RDF: Results and implications of the Defra Call for Evidence**
 Nigel Atkinson, Head of Waste Infrastructure, Growth and International Policy, Defra

15.05-15.20 **The market for RDF in Sweden – capacities and trends for future growth and development.** Jenny Sahlin, PhD, Consultant, Profu

15.20-15.40 **RDF / SRF for the cement industry and other energy intensive industries – quality and regulation, technical issues, capacity and market directions.** Dirk Lechtenberg, Managing Director, MVW Lechtenberg & Partners

15.40-16.10 **Questions and discussion, with panel guests:**

Herman Huisman, RWS, the Netherlands; Dan Cook, External Affairs Manager, Viridor; Pandora Renee, Senior Technical Advisor, Environment Agency

16.10-16.30 **Refreshments**

Breakout session 5: Delivering ACTs – commissioning and operation: lessons learnt

Chairman: Chindarat Taylor, Director, Resource Efficiency Pathway

16.30-16.50 **Valmet – Lessons learnt after delivering a commercial scale waste gasification plant.** Jari Viitala, Senior Sales Manager, Project Sales, EMEA, Valmet Power

16.50-17.10 **Plasma Gasification - Design and Construction – Lessons Learnt.** Matthew Cook, Global Technology Leader, Amec Foster Wheeler

17.10-17.30 **Questions and discussion**

Breakout session 6: Market connect: China and South East Asia

Chairman: Jon Swan, Head of Waste Management, Atkins

16.30-16.50 **Successful Project Development in China for Advanced Treatment Technology**
 Kevin Willerton, VP, Strategic Alliances and Business Development, Westinghouse Plasma Corp

16.50-17.05 **An introduction to waste to energy market opportunities in Indonesia (title tbc)** Jay Singgih, Vice President for Business Development & Investment, Bumi Laut Group, Indonesia

17.05-17.30 **Discussion and networking**

THURSDAY 26 FEBRUARY 2015

08.00-09.00	Networking
09.10-09.15	Chairman's welcome Ian Crummack, Managing Director, Cobalt Energy
09.15-09.45	Waste policy from the Shadow Cabinet Barry Gardiner, MP, Shadow Minister (Environment, Food and Rural Affairs)
09.45-10.05	From waste to resource – how should the UK develop the circular economy? Steve Lee, CEO, CIWM
10.05-10.35	Circular economy discussion panel – what is required to stimulate optimum resource management? Where does energy from waste fit into the circular economy?

10.35-11.00	How can the cities of today become the low carbon, sustainable, integrated cities of tomorrow? Keith Riley, Board Member, Institute for Sustainability; Managing Director, BHEnergyGap,
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11.00-11.30 Refreshments

11.30-13.10	BREAKOUT SESSIONS 1-3
13.50-17.00	BREAKOUT SESSIONS 4-9

Breakout sessions: Day 2

Thursday 26 February 2015

Breakout session 1: Local Authority waste treatment financing and solutions**Chairman:** Keith Riley, Director, BH Energy Gap11.30-11.45 **What next for local authority waste infrastructure? Financial and feedstock considerations in future planning for waste treatment solutions.**

Andrew Hartley, UK Green Investment Bank plc

11.45-12.10 **Discussion: with panel guests**12.10-12.30 **Developments in Local authority ESCOs – realising and capturing the value**

Didar Dhillon, Legal Director, Pinsent Masons

12.30-12.45 **Facilitating local investment and regeneration through ESCO structuring: Knowsley Council case study.** Rupert Casey, Head of Environmental Services, Knowsley Council12.45-13.10 **Discussion, with panel guest**

John Harrison, Executive Director Resources, Peterborough City Council

13.10-14.10 **Lunch****Breakout session 4: Heat network delivery****Chairman:** Keith Riley, Director, BH Energy Gap14.10-14.25 **Heat Networks in the UK: Opportunities and barriers to projects from concept to delivery.** John Saunders, HNDU, DECC14.25-14.45 **Commercial and contractual aspects of heat delivery – the view from the energy plant operator**

Chris Jonas, Head of Strategic Development, Viridor

14.45-15.05 **The public sector's role in delivering heat networks and connecting energy from waste – how we're doing it in Devon**

Melanie Sealey, Senior Economic Development Officer, Economy and Enterprise, Devon County Council, and Tony Norton, Director, Centre of Energy & the Environment, University of Exeter

5.05-15.30 **Questions and discussion, with panel guest James Snape, Partner, Nabarro**15.30-15.50 **Refreshments****Breakout session 7: Heat delivery workshop****Chairman:** James Snape, Partner, Nabarro15.50-16.45 **Heat delivery workshop with facilitators.** Keith Riley, MD, BH Energy Gap; Melanie Sealey, Senior Economic Development Officer, Economy and Enterprise, Devon County Council, and Tony Norton, Director, Centre of Energy & the Environment, University of Exeter; Chris Jonas, Head of Strategic Development, Viridor; John Saunders, HNDU, DECC16.50-17.00 **Chairman's summary and conclusion: Ian Crummack, MD, Cobalt Energy**17.00 **Close of conference****Breakout session 2: Integrating energy from waste into wider sustainable, smart city development****Chairman:** Jon Swan, Head of Waste Management, Atkins11.40-12.00 **The Sustainable Energy Action Plan: an outline of Nottingham's integrated carbon reduction activities** Antony Greener, Waste & Energy Services Manager, Nottingham City Council12.00-12.20 **Integration of waste management and waste to energy, with heating and cooling, into wider sustainable city development.**

Anders Dyrelund, Senior Market Manager, Energy, Ramboll

12.20-12.40 **Discussion: structural and policy requirements, technology drivers and choices**12.40-13.45 **Lunch****Breakout session 5: Advanced technologies for energy, fuels and materials recovery in a resource efficient economy****Chairman:** Adrian Judge, Director, Tolvik Consulting13.45-14.05 **Advanced treatment technologies in the circular economy – resource recovery and energy generation from industrial waste**

Martin Nye, Director, Chinook Energy;

Harry Perry, Technical Director, Chinook Energy

14.05-14.10 **Questions**14.10-14.30 **Demonstrating BioSNG production from waste.** Chris Manson-Whitton, Director, Progressive Energy14.30-14.35 **Questions**14.35-14.55 **Gasification of biomass and waste coupled to IC reciprocating syngas engines**

Mr. Luis Sanchez, GM, EQTEC Iberia

14.55-15.00 **Questions**15.00-15.20 **Sustainable production of fuels and industrial chemicals from municipal solid waste with advanced technology**

Alistair Reid, Manager Innovation, Partnerships & Biobased Materials, AkzoNobel, Tim Cesarek, Senior Vice President, Business Development, Enerkem

15.20-15.30 **Questions**15.30-15.50 **Refreshments****Breakout session 8: Market connect: Emerging Europe****Chairman:** Jon Swan, Head of Waste Management, Atkins15.50-16.10 **Opportunities and market structure for waste to energy in the Czech Republic.** Michal Mravinac, Director of UK & Ireland Operations, Czech Invest16.10-16.30 **Market information, wider Emerging Europe**16.30-16.50 **Discussion and networking****Breakout session 3: Optimising operational efficiency****Chairman:** Ian Crummack, MD, Cobalt Energy11.30-11.50 **Increasing efficiency for existing and new EfW facilities: why and how to do it** Dr. Ing Ute Fleck, Senior Sales Manager, Hitachi Zosen Inova AG, HZI11.50-12.00 **Questions**12.00-12.20 **Retrofit and efficiency improvements for existing plants – a case study of Trondheim WtE plant.** Egil Evensen, Technical Director, Development, Statkraft Varmer AS12.20-12.30 **Questions**12.30-12.50 **Case study, plant upgrading**

Pr. Frederic Duong, VP Energy Systems, Technical & Performance Division, Suez Environnement

12.50-13.00 **Questions**13.00-14.00 **Lunch****Breakout session 6: Asset management, APCR management: latest developments, greater efficiencies****Chairman:** Ian Crummack, MD, Cobalt Energy14.00-14.20 **Making the assets work harder: methods and systems for improving operational efficiency.** George Giles, Head of Environmental Power, Oil and Gas, Siemens plc14.20-14.25 **Questions**14.25-14.45 **Using advanced Plasma Gasification Technology for treatment of APC residues and medical waste.** Dean Mao, GTS Energy, China14.45-14.50 **Questions**14.50-15.10 **Energy efficiency and environmental performance at Copenhill – a technical outline**

Jeppe Rasmussen, Lead consultant (Energy), Ramboll – Waste to Energy

15.10-15.15 **Questions**15.15-15.30 **Optimising operational efficiency – key points discussion**15.30-15.50 **Refreshments****Breakout session 9: Decarbonising industry****Chairman:** Ian Crummack, MD, Cobalt Energy15.50-16.10 **Energy from waste to decarbonise energy intensive industries:** Lizzie Chatterjee, Industrial Heat Policy, DECC16.10-16.30 **Case study example**16.30-16.50 **Questions and discussion**