



Programme

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
09.50-10.05	An outline of current waste policy Jacob Hayler, Executive Director, Environmental Services Association
10.05-10.25	Has circular economy policy short changed energy? David Palmer-Jones, CEO, SITA UK; President FEAD
10.25-10.50	The Dutch approach to resource management and waste to energy Herman Huisman MSc, Senior advisor/Expert, RWVS Environment, Agency of the Ministry of Infrastructure and Environment, Government of the Netherlands
10.50-11.30	Discussion - Where is waste policy heading, and what are the implications for waste to energy in terms of

capacity and infrastructure? With panel guests:
Ella Stengler, MD, CEVEP; Mike Brown, Managing Director, Eunomia

11.30-12.00	Refreshments
12.00-12.20	The financing environment – an examination of the changes to the electricity market and the implications for waste to energy Nick Churchward, Partner, Burges Salmon
12.20-13.00	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, Ergos

13.00-14.00/14.10 **Lunch**

14.00-16.15 **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, Head of low carbon investment, 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.** 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

Breakout session 2: Market connect: Middle East

Chairman: Ian Crummack, Managing Director, Cobalt Energy

14.00-14.40 **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, RWVS, the Netherlands; Dan Cook, External Affairs Manager, Viridor; Pandora Renee, Senior Technical Advisor, Environment Agency

16.15-16.40 **Refreshments**

16.10-16.30 **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

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

Chairman: Chindarat Taylor, Director, Resource Efficiency Pathway

16.30-16.50 **Three years of commercial operation of Valmet waste gasification plant – lessons learnt.** Juhani Isaksson, Director, Gasification Technology, Valmet

16.50-17.10 **Staged pyrolysis and gasification – learning from 13MW modular plant in third year of its operation.** Robert Asquith, Director, Syngas Systems Ltd (previously NEAT Technology Group Ltd)

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**

17.30 **Networking drinks reception, sponsored by Valmet**

19.30 **Energy from Waste conference dinner**

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 guest**
Joel Hull, Project Director, Residual Waste Services, Norfolk County Council12.10-12.30 **Developments in Local authority ESCOs – realising and capturing the value**
Didar Dhillon, Legal Director, Pinsent Masons12.30-12.45 **Facilitating local investment and regeneration through ESCO structuring: Knowsley Council case study.** Rupert Casey, Head of Environmental Services, Knowsley Council12.45-13.10 **Discussion**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

15.05-15.30 **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**

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 – 16.20 **An introduction to waste market and infrastructure opportunities in Slovakia.** Martin Kovačič, Director, Ekos Plus16.20-16.50 **Discussion and networking****Breakout session 3: Optimising operational efficiency**Hitachi Zosen
INOVA**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 AG11.50-12.00 **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**
Frédéric Aguesse, Waste Technical & Performance Vice

President, Suez Environment Group

12.50-13.00 **Questions**13.00-14.00 **Lunch****Breakout session 6: Asset management, APCR management: latest developments, greater efficiencies**Hitachi Zosen
INOVA**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, Deputy General Manager, 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**15.15-15.40 **Optimising operational efficiency – key points discussion**

Panel guests: Ute Fleck, Hitachi Zosen Inova, Frederic Aguesse, Suez Environment Group; Jeppe Rasmussen, Ramboll – Waste to Energy

15.40-16.00 **Refreshments****Breakout session 9: Decarbonising industry****Chairman: Ian Crummack**, MD, Cobalt Energy16.00-16.20 **Energy from waste to decarbonise energy intensive industries:** Arjan Geveke, Assistant Director, Energy Policy, Green Economy Team, Department of Business Innovation & Skills16.20-16.50 **Discussion and networking**

Panel guests: George Giles, Siemens plc