



“A good and productive conference. You had all the right people there to move projects forward.” David Lynch, ENERKEM

4th ANNUAL

WORLD WASTE TO ENERGY CITY SUMMIT

London May 19-20, 2015

Accelerating the commercialisation of waste as a resource: Global opportunities in advanced conversion to power, fuel and chemicals

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Delegates from
25 Countries

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World Waste to Energy City Summit 2015

The 2015 World Waste to Energy City Summit brings together its best ever faculty of international waste management CEOs, developers, bankers, private equity financiers, technology providers and industrial end users for two days of intensive networking.



With a firm focus on advanced conversion technologies, the summit addresses the need for innovation – not just in technology, but in policy, finance and partnership models – in order to accelerate the growth of the industry worldwide.

New for 2015: Expanded Exhibition and Networking Space



PRE-SUMMIT TOUR - MONDAY MAY 18, 2015



Visit one of the UK's leading energy from waste facilities on a pre-summit site visit to the Lakeside Energy from Waste facility at Colnbrook near Slough. A joint venture between Viridor and Grundon Waste Management, the facility has been operational since 2010. Using advanced technology, the plant can process 410,000 tonnes of residual waste per year, generating 37MW of electricity (enough to power c50,000 homes) and has the potential to export heat.

Transport will be provided from Tower Hill to and from the facility and lunch will be served upon arrival. Places are limited so book early.

DAY ONE - TUESDAY MAY 19, 2015

9.00

Ministerial Keynote Address

9.15

The Shift to a Circular Economy: Shaping the Future of ACT

- What does the election results mean for the UK waste industry and what will domestic policy look like?
- With a comprehensive shift towards a circular economy planned by the EU Commission. What is the timeline for implementation? How will these targets impact quantity and quality of waste? What influence will Producer Responsibility targets for end of life recovery have on future waste arisings?
- How can ACT play a more central and strategic role in the plans for the circular economy?
- DEFRA is considering restrictions on RDF exports by imposing quality standards. What measures are being considered and what would this mean for the domestic ACT Market?

Session Chair:

Nina Skorupska, Chief Executive, **RENEWABLE ENERGY ASSOCIATION**, UK

Speakers:

Jorge Diaz Del Castillo, Legal Officer, Waste Management & Recycling, **DG ENVIRONMENT**, EC

Stuart Hayward Higham, Technical Development Director, **SITA**, UK

James Samworth, Investment Director, **FORESIGHT GROUP**, UK

Keith Riley, Chairman & CEO, **BH ENERGY GAP**, UK

10.00

Networking Coffee Break



10.30

Focus on Global Markets

Governments in Asia, South East Asia, the Middle East, South America and Eastern Europe are all looking to embrace W2E as part of their waste management strategies. What are the critical drivers in these markets and is the right infrastructure being planned? Where are the greatest opportunities for international participation?

Session Chair:

Chindarat Taylor, Director, **RESOURCE EFFICIENCY PATHWAY**, UK

Speakers:

Asia

Tianyi Wang, Executive Director and General Manager, **CHINA EVERBRIGHT INTERNATIONAL**, HONG KONG

Mohammad Helmy, Vice Chairman, **INDONESIA SOLID WASTE ASSOCIATION**, INDONESIA

Australia

Jason Pugh, CEO, **NEW ENERGY CORPORATION**, AUSTRALIA

11.30

Roundtable Discussion Groups

Host:

1	UK Election Result: What will it mean for the waste to energy industry?	Keith Riley, Chairman & CEO, BH ENERGY GAP, UK
2	Feedstock: Can the UK ACT sector compete with European combustion on price for RDF?	Paco Hevia, Head of Projects, Centre of Excellence, FERROVIAL/AMEYCESPA, UK
3	The Circular Economy: What role can ACT play?	
4	The Financing Mix: What will be the split between debt and equity finance?	Chris Holmes, Managing Director, Waste & Bioenergy, GREEN INVESTMENT BANK, UK
5	Getting the Banks on Board: What will it take?	Julio Schreier, Senior Specialist, Municipal & Environmental Infrastructure Team, EBRD, UK
6	Financing Trends: Waste to Energy PPPs	Carlos Afonso, Director, Corporate Development & Concessions, FCC, SPAIN
7	Risk and Reward: How much risk should each stakeholder shoulder?	Nick Forster, Senior Director Infrastructure Project Finance, BAYERN LB, UK
8	Technology Selection: When is gasification NOT the right solution for energy from waste?	Nick Dawber, MD, ENERGOS, UK

9 **Future Markets:** Should Europe follow the US's lead and focus on fuels?

Jim McDermott, Board of Directors, FULCRUM BIOENERGY, USA

10 **Is Heat an Option for the UK?** What are the challenges of establishing low carbon heat networks for industrial and domestic use?

John Ord, Business Director, Thermal Power & Energy Networks, MWH GLOBAL, UK

11 **Australia:** A market poised for Growth

Jason Pugh, CEO, NEW ENERGY CORPORATION, AUSTRALIA

12.30

Networking Lunch



13.30

Global Trends in the Waste to Energy Industry

Speaker:

Juan Béjar, CEO and Managing Director, FCC, SPAIN

13.45

Proving Success: Comparing Theoretical with Actual Output Yields

- How are newly commissioned ACT plants delivering? How do the conversion efficiencies compare to predicted calculations?
- What are the key technical challenges still to address? What are the key milestones for the future?
- Are there any key takeaways that can be used to provide greater certainty for the investment community?



Speakers:

Vincent Chornet, President & CEO, ENERKEM, CANADA

Kevin Willerton, Vice President, Strategic Alliances & Business, WESTINGHOUSE PLASMA, CANADA

14.15

A New Conversion Technology: Treating Unsorted Waste With Enzymes

Speaker:

Ulrik Falkenberg Lending, Senior Commercial Manager, New Bio Solutions, DONG ENERGY, DENMARK

14.30

Networking Coffee Break



15.00

Navigating the Pathways for Successful Project Development for ACT

- How are industrial leaders successfully delivering their ACT projects - including technology selection, securing feedstock supplies and the funding mix through to take-off agreements
- How do project developers view the new landscape of CFDs? With longer timescales for bidding rounds – how is this impacting project pipelines and plant delivery and can the long term risk and uncertainties be evaluated?

Session Chair:

Lisa Jordan, Business Development Director, MHC SERVICES, UK

Speakers:

Alan Cumming, Engineering Director, VIRIDOR, UK

Paco Hevia, Head of Projects, Centre of Excellence, FERROVIAL/AMEYCESPA, UK

Hisanori Shimakura, Professional Engineer, KOBELCO, JAPAN

Peter MacLaren, Director, LEVENSEAT, UK

16.00

Technology Showcase

Jan-Willem Könemann, Sales Manager Renewable Technology, **ROYAL DAHLMAN**, NETHERLANDS

16.15

Project Finance: The Transition from Municipal to a Commercial Model

- Do investors still see the UK as an attractive market for investment in this new landscape? Are investors seeing sufficient progress on ACT to be comfortable with investing in this space?
- How are investors structuring and mobilising capital into the merchant C&I waste infrastructure market? Which projects are getting financed and what will be the funding mix of projects moving forward?
- In lower risk projects there is growing appetite for equity only finance. Which projects are these and how can technology companies attract interest from investors?

Session Chair:

James Snape, Partner, **NABARRO**, UK

Speakers:

Nick Forster, Sr Director Infrastructure Project Finance, **BAYERN LB**, UK

Chris Holmes, Managing Director, Waste & Bioenergy, **GREEN INVESTMENT BANK**, UK

Itai Raanan, Investment Manager, **NOY INFRASTRUCTURE & ENERGY INVESTMENT FUND**, ISRAEL

Tor Midsem, Partner, **AGILITAS**, UK

Chris Tanner, Director, **JOHN LAING CAPITAL MANAGEMENT LTD**, UK

17.30

Drinks Reception Hosted by Atkins in the Sky Lounge of the Doubletree by Hilton



DAY TWO - WEDNESDAY MAY 20, 2015

9.00

Chairman's Welcome

Peter Jones OBE, Chairman, **WASTE2TRICITY**, **CARBON CONNECT & ECOLATERAL**

9.10

Keynote Panel: Waste Management CEO Debate

- What are the pain points that Waste Management CEOs are looking to solve?
- How are they looking to integrate advanced conversion technologies into their process and how do they determine future needs?
- What is the appetite for investing in downstream technologies?
- Which technologies are gaining the greatest traction and how do they see the advanced W2E market developing over the next 5 years?

Session Chair:

John Quinn, President, **CIWM**, UK

Speakers:

Peter Gerstrom, CEO, **CORY**, UK

Paul Taylor, CEO, **FCC**, UK

Richard Kirkman, Technical Director, **VEOLIA**, UK

10.00

City Resilience: Integrating Innovative Demand-Side Solutions into Today's Cities

- What are the drivers for adopting innovation in today's important cities?
- Emerging economies are realising rapid urbanisation. What role can waste to energy play in today's megacities?
- To what extent can waste to energy contribute to the future energy needs in cities?
- How does W2E fit into the move to decentralised energy generation in Cities? How can it be integrated with transport systems and utilities?

Session Chair:

Jon Swan, Head of Waste Management, **ATKINS**, UK

Speakers:

Ong Soo San, Director, Waste and Resource Management Department, **NATIONAL ENVIRONMENT AGENCY**, SINGAPORE

Susanne Lindeneg, Senior Waste Advisor, **CITY OF COPENHAGEN**, DENMARK

Andrew Richmond, Policy and Strategy Manager, Energy & Waste, **GREATER LONDON AUTHORITY**, UK

Jannicke Gerner Bjerkås, Director Communications and CSR, Waste-to-Energy Agency, **CITY OF OSLO**, NORWAY

Ofer Dresler, Director, **HAIFA BAY MUNICIPAL ASSOCIATION FOR ENVIRONMENTAL PROTECTION**, ISRAEL

Decentralised Energy: Optimising the Framework for Integrating Distributed Energy Systems

Speakers:

John Ord, Business Director, Thermal Power & Energy Networks, **MWH GLOBAL**, UK

11.00

Networking Coffee Break



11.20

Brainstorming Roundtables: Creating a Roadmap for Waste to Energy to 2025

Delegates will break into roundtable groups, each hosted by an industry expert. Each group will look into the future and create a vision for the future of the Waste to Energy industry across six core areas: Policy, Technology, Finance, Feedstock, Public and Waste Derived Products.

- 1 **Keith Riley**, Chairman & CEO, **BH ENERGY GAP**, UK
- 2 **Peter Jones OBE**, Chairman **WASTE2TRICITY**, **CARBON CONNECT & ECOLATERAL**
- 3 **Jon Swan**, Head of Waste Management, **ATKINS**, UK
- 4 **Nick Dawber**, MD, **ENERGOS**, UK
- 5 **Jim McDermott**, Board of Directors, **FULCRUM BIOENERGY**, USA
- 6 **Carlos Afonso**, Director, Corporate Development & Concessions, **FCC**, SPAIN
- 7 **Robert Do**, President and CEO, **SOLENA FUELS**, USA
- 8 **Carlos Silva Filho**, President, **ABRELPE**, BRAZIL
- 9 **Jaromir Manhart**, Director of Waste Management, **MINISTRY OF THE ENVIRONMENT**, CZECH REPUBLIC

12.00

Finance Panel: Financing Trends and Innovation in Waste to Energy

- What innovative and flexible financing mechanisms are being used to roll out technologies?
- Which financing models work best today for decentralised waste to energy facilities?
- Financing the growth of Waste to Energy in emerging economies and the role of Public Private Finance.

Session Chair:

Peter Jones OBE, Chairman, **WASTE2TRICITY**, **CARBON CONNECT & ECOLATERAL**, UK

Speakers:

Colin Campbell, Managing Partner, **ZOUK CAPITAL**, UK

Oliver Fricot, Head of Power and Renewable Lending Europe, **INVESTEC**, UK

Laurent Chatelin, Investment Director, **MARGUERITE ADVISER**, FRANCE

Shelley De Souza, Senior Manager Infrastructure and PPP, **SMBC**, UK

13.00

Networking Lunch



13.45

Focus on Global Markets

Governments in Asia, South East Asia, the Middle East, South America and Eastern Europe are all looking to embrace W2E as part of their waste management strategies. What are the critical drivers in these markets and is the right infrastructure being planned? Where are the greatest opportunities for international participation?

Emerging Europe

Jim Michelsen, Senior Industry Specialist, **IFC**, USA

Julio Schreier, Senior Specialist, Municipal & Environmental Infrastructure Team, **EBRD**, UK

Jaromir Manhart, Director of Waste Management, **MINISTRY OF THE ENVIRONMENT**, CZECH REPUBLIC

Michal Siembab, Project Director, **RANK RECYCLING ENERGY**, POLAND

Latin America

Carlos Silva Filho, President, **ABRELPE**, BRAZIL

14.45

Steering Waste to a Higher Value: A Commercial Platform

The UK, US and Canada are leading the way in commercialisation of technology to convert MSW to second generation biofuels and green chemicals.

- Which technologies offer consistent security and quality of feedstock? What does the revenue model look like? How are the finances structured?

- How can industry and government work to reduce risks and incentivise the adoption of these new approaches?

Session Chair:

Jeremy Tomkinson, CEO, Lead Consultant, Biofuels, **NNFCC**, UK

Speakers:

Robert Do, President and CEO, **SOLENA FUELS**, USA

Jim McDermott, Board of Directors, **FULCRUM BIOENERGY**, USA

15.30

Early Adopters of ACT Technologies

Developments in the treatment of waste arising from hazardous waste in the Aerospace & Defence, Hospital, Pharmaceutical, Water Utility and Refinery sectors are making significant progress. Which

technologies are leading the way? How can technology developers partner with end users to develop the right solutions for their needs?

Session Chair:

Peter Jones OBE, Chairman, **WASTE2TRICITY**, **CARBON CONNECT & ECOLATERAL**, UK

Speakers:

Mo Vargas, Senior Executive Business Leader, **LOCKHEED MARTIN**, USA

Nobuhiro Tanigaki, Technical Manager, **NIPPON STEEL**, JAPAN

Garry Pettigrew, Managing Director, **HEALTHCARE ENVIRONMENTAL GROUP**, UK

16.30

End of Summit



One to One Meetings



Maximize your networking: Pre-arrange one-to-one meetings with your most important contacts via our online partnering software.

worldwastetoenergy.com/1-1-meetings/

www.worldwastetoenergy.com

Partnership Opportunities to Fulfil your Business Objectives

We understand how important it is to deliver forward thinking and bespoke marketing opportunities to help you meet your business objectives and goals. The World Waste to Energy City Summit offers a range of tailored options covering thought leadership, brand awareness, business development and lead generation.



Thought Leadership

This summit is the perfect platform to deliver your message to the most senior stakeholders across the entire value chain and keep them informed on the latest market trends.

Benefits:

- Educate your market and be seen as a thought leader for the global W2E industry
- Elevate your presence in the networking environment as a recognised face at the event
- Remind the marketplace why you are a better choice than your competitors
- Demonstrate your expertise and solution offerings to over 250 W2E decision-makers



Brand Awareness

Raise your business' profile on an international stage. Exclusive high profile branding opportunities available at the Summit and throughout the extensive multi-channel marketing campaign will position your brand firmly in the minds of industry leaders.

Benefits:

- Enhance your profile and gain brand exposure in the fiercely competitive W2E marketplace
- Inform potential business partners and existing clients that you will be present at the summit
- Launch new products and services into the market



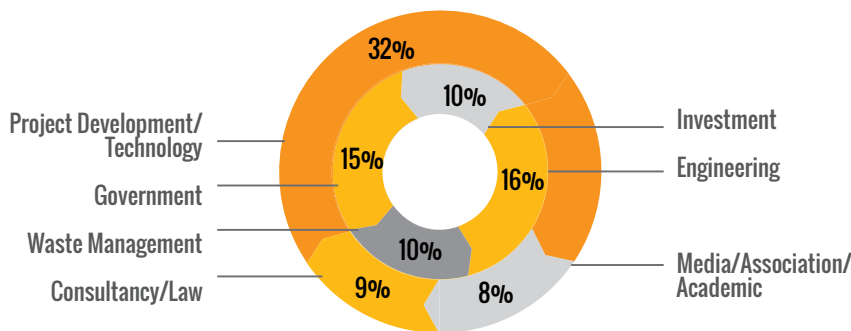
Exhibiting Opportunities

Exhibition spaces are limited in order to provide an intimate networking environment and maximise exposure for our exhibitors. Exhibition stands are located in the main networking/catering room where all breaks are held.

Benefits:

- Maximise your visibility at the summit and allow new contacts to find you instantly
- Opportunity for prospects to 'see and feel' your products and services
- Generate qualified sales leads by networking with real prospects face to face

Meet 250 Decision Makers



Contact Glen Pearce today to discuss how your company would benefit.
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Prices

Delegate Registration Fee	£1,395.00 + VAT
Delegate Registration Fee Including Lakeside Site Tour	£1,445.00 + VAT

Your Summit Registration Includes:

- Access to all sessions at the two-day summit
- A delegate pack including a full attendee list
- Your choice of two roundtable discussion groups
- A personal log-in for the online 1-1 meeting system
- All presentations available to download after the event
- Networking drinks on the first evening of the summit
- Breakfasts, lunches and refreshments



Venue

Doubletree by Hilton Hotel
7 Pepys Street,
London EC3N 4AF
Tel: +44 (0) 20 7709 1000



The overall agenda for the two days and logical flow of events, presentations, speakers worked very well and I have particularly appreciated the blend of participants

Federico Castelli, Strategic Business Development and Partnerships, Power New Bio Solutions, DONG Energy



Accommodation

Overnight accommodation is not included in the registration fee. You will receive accommodation options on registration.