

“As always, the right people attended from the industry and the discussions were invaluable. We don't attend many conferences, we target the ones that make a difference - this is one we make sure we don't miss.”

Business Director, **STANTEC**, UK

rethink.



WORLD WASTE TO ENERGY AND RESOURCES SUMMIT

London, May 21-22, 2019

**New Markets, Advanced Technologies and Project
Finance for Waste Conversion in the Circular Economy**

worldwastetoenergy.com @WorldW2E

PARTNERS



DON'T MISS OUT – BOOK YOUR PLACE



WORLD WASTE TO ENERGY AND RESOURCES SUMMIT

London, May 21-22, 2019

New Markets, Advanced Technologies and Project Finance for Waste Conversion in the Circular Economy

The 8th annual World Waste to Energy and Resources Summit is the foremost international business networking event in the sector, focused on promoting innovation and building partnerships. It brings together a unique combination of international waste management CEOs, local government, project developers, technology companies, engineering firms, EPCs and the financing community to mobilise investment and identify the right solutions to accelerate the build-out of projects.

With more than 60 industry leading speakers, this year's agenda will explore waste policy, upcoming projects in international markets, the digital revolution, game-changing business models, the future of thermal ACT, innovation in anaerobic digestion, high-value conversion from plastics to products and cutting-edge high-value fuels and chemicals from waste.

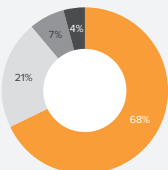


WHO WILL YOU MEET?



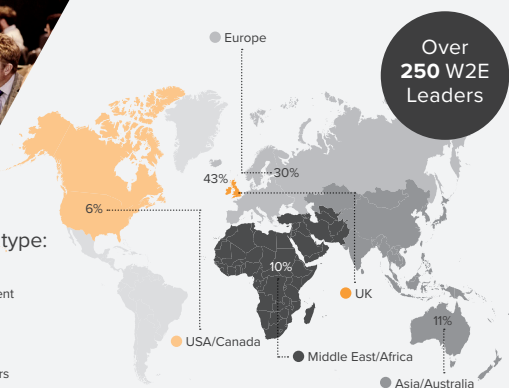
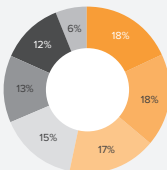
By attendee:

- President/CEO/Director
- Senior Management
- Management
- Other



By company type:

- Government
- Waste Management
- Engineering
- Investors
- Technology
- Project Developers
- Other





Open dialogue with waste leaders

CEOs/GMs share their
challenges with technology
and engineering partners

100% focused on innovation

Attracting international
waste management CEOs
from every part of
the value-chain

Access to finance

More investors and project
financiers than at any other
waste to energy event

The most exciting waste innovators

Showcasing
new and leading
technology solutions

A chance to learn with the market

Case studies, panel debates
and roundtable workshops
to maximise insights and
knowledge sharing

The best networking in waste

An extensive 1-1 meeting
system ensures every
delegate meets their
target clients

International in scope

Attracting speakers
and delegations from
around the world looking
for new solutions

Held in London

The dynamic UK capital,
and global hub for
innovation in waste and
environmental solutions

**“A very productive conference
with all the right people there
to move projects forward.”**

Director, **ENERKEM, CANADA**

Confirmed Speakers include:



Alfons Juan Tomás
Director of Business Development
ACCIONA INDUSTRIAL, SPAIN



Paco Hevia
Managing Director
AMEY WASTE TREATMENT, UK



Khaled Al Huraimel
Group Chief Executive Officer
BEE'AH, UAE



Bryony Collins
Editor
BLOOMBERG NEW ENERGY FINANCE, UK



Ben Wright
CFO
BIOENERGY INFRASTRUCTURE GROUP, UK



Leigh Hudson
Sustainable Fuels & Carbon Manager
BRITISH AIRWAYS, UK



Samuel Alemayehu
Managing Director – Africa
CAMBRIDGE INDUSTRIES, USA



Enda Kiernan
President
CIWM, UK



Christophe Cord'Homme
Development Director for the Environment & Renewable Energies Sector
CNIM GROUP, FRANCE



Ian Brooking
CEO
COGEN



Tom Koltis
Executive Director – Corporate Development
COVANTA, USA



Thomas Obermeier
President
GERMAN ASSOCIATION FOR WASTE MANAGEMENT, GERMANY



Matthew Edgar
Senior Vice President
GREEN INVESTMENT GROUP, UK



James Michelsen
Senior Industry Specialist – Waste
INTERNATIONAL FINANCE CORPORATION (IFC), USA



Stefan Rattensperger
Director – Power & Infrastructure Finance
INVESTEC, UK



Peter MacLaren
Director
LEVENSEAT, UK



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



Lars Jennissen
Technical Director
N + P GROUP, NETHERLANDS



Bettina Kamuk
Global Market Director W2E
RAMBOLL, DENMARK



Andy Jones
Vice Chair
RDF INDUSTRY GROUP, UK



Rob Marshall
Sector Lead – Energy
SPENCER GROUP, UK



Stuart Hayward-Higham
Technical Development Director – Recycling & Recovery
SUEZ, UK



Neville Hargreaves
VP Waste to Fuels
VELOCYS, UK



Marcus Du Pree Thomas
Development Manager (Technology & Innovation)
VIRIDOR, UK

Visit www.worldwastetoenergy.com/speakers to see all speakers

Summit Agenda:

DAY 1 TUESDAY MAY 21, 2019

08:55 Welcome Remarks

09:00 Keynote Address: Zero Waste to Landfill and the Role of Waste to Energy in the Circular Economy

09:15 Leveraging Policy to Open Up New Market Opportunities and Boost Profitability

The right government policy at the right time can have a huge impact on opportunity and profitability in the sector. Of course, the opposite can be true too, where either bad policy - or no policy at all - has the power to kill off projects or stifle essential progress. Our panel of global industry leaders explore:

- In which markets are developments in policy driving the industry forwards?
- What needs to be in place from a regulatory standpoint to incentivise waste conversion to energy and resources, especially as we move away from subsidies?
- Where can the biggest improvements be made? Who needs to lead the way?

SESSION CHAIR:

James Court, *Policy & External Affairs Director*,
RENEWABLE ENERGY ASSOCIATION, UK

SPEAKERS:

Adam Read, *Director of External Affairs – Recycling & Recovery*, SUEZ, UK

Hazel Schofield, *Head of Low Carbon Fuels Regulation, Low Carbon Fuel*, DEPARTMENT FOR TRANSPORT, UK

Thomas Obermeier, *President*, GERMAN ASSOCIATION FOR WASTE MANAGEMENT, GERMANY
Jaromír Manhart, *Director of Waste Management*, MINISTRY OF THE ENVIRONMENT, CZECH REPUBLIC

Carlos Afonso, *Director, Head of Corporate Development & Concessions*, FCC ENVIRONMENT, SPAIN

10:00 New Project Opportunities (and Challenges) in International Markets

- AUSTRALIA:
Alfons Juan Tomás, *Director of Business Development*, ACCIONA INDUSTRIAL
- CHINA:
Jisheng Long, *Chairman*, SHANGHAI SUS ENVIRONMENT
- MALAYSIA
- OMAN

11:00 Networking Coffee Break



11:30 Banks, Private Equity and Sovereign Wealth Where Are the Funds Flowing From?

- What kinds of waste to energy projects are bankable in today's market? Which projects are attracting finance, and who is backing them?
- Private equity funds are becoming more averse to risk – what is happening here? Is blended finance the answer to get the more innovative projects off the ground?
- How should risk be distributed and what does the future of financing waste to energy look like?
- Are banks softening their risk criteria? What impact could this have on the industry?
- With subsidy programmes running their course, what are the implications for the next 5 to 10 years of financial modelling?

SESSION CHAIR:

Bryony Collins, *Editor*, BLOOMBERG NEW ENERGY FINANCE, UK

SPEAKERS:

Beth Watkins, *Director*, FORESIGHT GROUP, UK

Matthew Edgar, *Senior Vice President*, GREEN INVESTMENT GROUP, UK

Ben Wright, *CFO*, BIOENERGY INFRASTRUCTURE GROUP, UK



12:15 **Innovation in Action:
Demonstrating the Success of
Advanced Conversion Technologies**

We hear high-profile case studies of ventures that have forged new horizons, broken the mould and driven industry-defining innovation through advanced conversion technologies.

13:00 **Synergies of Tomorrow:
TUAS NEXUS - The Frontier of The
Circular Resource Park Concept**

SPEAKER:

Bettina Kamuk, *Global Market Director – Waste to Energy*, **RAMBOLL, DENMARK**

13:15 **Networking Lunch Break**



14:15 **The Digital Revolution and Modernising
Waste Conversion Infrastructure**

While many see waste to energy as the simple burning of waste to generate electricity, waste to energy should be seen instead as part of the digital revolution and part of the infrastructure in delivering smart cities while reducing greenhouse gas emissions as it integrates further into the circular economy.

14:30 **Cyber Security in Waste to Energy
Plants: Industry Fad or Genuine Threat?**

SPEAKER:

Morteza Hadpour Seraj, *Director Energy Automation – Europe, Middle East & Africa*,
MITSUBISHI ELECTRIC, EUROPE

14:45 **Roundtable Discussion Groups**

Join one of the most interactive sessions of the programme! Delegates choose their preferred topic, then join the numbered table in the main conference room. Hosted by an industry leader, it's a valuable opportunity to share ideas, ask questions and network with peers focused on the same issue.

15:30 **Networking Coffee Break**





16:00

Getting Across the Line: Which Business Models are Working (and Which Aren't) to Drive Projects to Financial Completion

While many waste conversion projects reach financial close, some of them on time and under budget, many of them don't – and some of them may never.

- What are the critical success factors the industry needs to meet, both in preparation and execution, to get these projects over the line?
- Which business models work better than others? Who is leading the way?

SESSION CHAIR:

James Snape, Head of Projects, **CMS**, **UK**

SPEAKERS:

James Michelsen, Senior Industry Specialist – Waste, **INTERNATIONAL FINANCE CORPORATION (IFC)**, **USA**

Rob Marshall, Sector Lead – Energy, **SPENCER GROUP**, **UK**

Isabel Boira-Segarra, CEO, **FUTURE EARTH ENERGY**, **UK**

Stefan Rattensperger, Director – Power & Infrastructure Finance, **INVESTEC**, **UK**

“We feel very satisfied with our participation in the summit. The main global waste to energy industry stakeholders were present, and it was a very good opportunity to hear their view on the industry's trends.”

Business Development Director, **FCC ENVIRONMENT**

16:45

What Next for ACT?

Following several high-profile, costly setbacks for advanced conversion technology plants, some major W2E players are asking searching questions as to whether gasification and pyrolysis can ever work sustainably at sufficient scale to turn a workable profit. On the other hand, there is still interest from investors and developers – especially in Asia. All the while, conversion to other resources continues to look promising. So, what next?

- Does ACT just need a bottom line breakthrough and is it around the corner? Does it need more investment, or subsidies? More patience?
- Why are some countries more viable market places than others?
- Would ACT tech benefit from focussing principally on resource creation rather than energy generation?
- Can synergies be developed by incorporating ACT into established plants?
- Is there a game changer on the horizon?

SPEAKERS:

Ari Kokko, Director of Technology and R&D, **VALMET**, **FINLAND**

Marcus Du Pree Thomas, Development Manager, **VIRIDOR**, **UK**

Ian Brooking, CEO, **COGEN**, **UK**

Paco Hevia, Managing Director, **AMEY WASTE TREATMENT**, **UK**

17:30

Closing Remarks and Networking Drinks



Summit Agenda:

DAY 2 WEDNESDAY MAY 22, 2019

07:45 Breakfast Briefing: Making Projects Fundable by Securing Long-Term Waste Supply

Hosted by: **Foresight**
group

SESSION CHAIR:

Beth Watkins, Director of Infrastructure, **FORESIGHT GROUP**

SPEAKERS:

Ian Brooking, CEO, **COGEN**

Chris Jonas, Director, **TOLVIK**

Mark Berry, Partner, **NORTON ROSE FULBRIGHT**

09:00 Waste Management CEO Forum

- With our eyes on the horizon, where is the industry going?
- What are the greatest development opportunities and obstacles to development of waste to energy infrastructure?
- How far has technology come in driving forward efficiencies?
- How does waste to energy fit into the broader commercial strategy of today's leading waste management CEOs?

SESSION CHAIR:

Enda Kiernan, President, **CIWM**, **UK**

SPEAKER:

Khaled Al Huraimel, CEO, **BEE'AH**, **UAE**

09:45 Fuelling Tomorrow's Fires: Feedstock Innovation and Evolution

- From e-waste to tyres, wood to textiles, fuel diversification is on the rise – which show the greatest potential and why?
- What is the future of RDF and SRF? What impact may the advent of subcoal have on these industries?
- As rates of recycling rapidly increase, consumer behaviour continues in a 'consume less' trend and import/export policy becomes ever more mindful of its carbon footprint, should the industry be concerned about how it is going to fuel its bottom line?

SESSION CHAIR:

Andy Jones, Vice Chair, **RDF INDUSTRY GROUP**, **NETHERLANDS/UK**

SPEAKERS:

Christophe Cord'homme, Development Director for the Environment & Renewable Energies Sector, **CNIM GROUP**, **FRANCE**

Steve Rogers, Chief Commercial Officer, **LICELLA**, **AUSTRALIA**

Lars Jennissen, Technical Director, **N + P GROUP**, **NETHERLANDS**

James Maiden, Country Manager UK, **GEMINOR**, **UK**

10:30 Innovation in Action: Demonstrating the Success of Advanced Conversion Technologies

SPEAKERS:

Leigh Hudson, Sustainable Fuels & Carbon Manager, **BRITISH AIRWAYS**, **UK**

Neville Hargreaves, VP Waste to Fuels, **VELOCY**, **UK**

10:45 Networking Coffee Break



11:15 New Waste to Energy Horizons in Africa: Addis Ababa and Beyond...

Africa is the world's fastest-urbanising continent. While city life has helped lift millions out of poverty, the rapid transformation has created a new problem: vast seas of urban waste. To be more precise – notoriously wet, low calorific waste. Now, an Ethiopian entrepreneur is tackling the crisis with Africa's first waste to energy plant that has been specially calibrated to process Addis Ababa's challenging waste composition, and has ambitions to replicate this success across the continent.

SPEAKER:

Samuel Alemayehu, Managing Director – Africa, **CAMBRIDGE INDUSTRIES**, **USA**

11:30 Riding the Wave of Surging Anaerobic Digestion

- What is the balance between innovation and fundability for new technologies in the Anaerobic Digestion (AD) world?
- Which countries represent the greatest market potential today and why?
- How should the W2ER industry respond to meet the projected boon in feedstock?
- What are the key technology trends in the AD market?
- How far has AD come in cleaning up gas for the grid?

SESSION CHAIR:

Michael Dann, *Director*, IONA CAPITAL, UK

SPEAKER:

Eike Liekweg, *Managing Director*,
BTA INTERNATIONAL, GERMANY

12:15 Lightning Talks: Innovation and Synergy with Waste to Energy Waste Outputs

We hear from companies working to utilise waste to energy waste output in innovative ways, from cement manufacturing to greenhouse farming.

SPEAKER:

Mike Hart, *President & CEO*, SIERRA ENERGY, USA

12:30 Networking Lunch



“There is great value in attending this summit, some of the presentations have been eye-openers. There is great potential in the technologies being developed, different approaches, prototypes and new pilot projects presented at both smaller and larger scale.”

HSE Manager, CONSOLIDATED CONTRACTORS, QATAR

13:30 Advanced Conversion Technologies: Plastics to High-Value Output

- What's next for the plastic conversion market?
- Which direct conversion to chemical technologies are generating the most interest? Where is the money going?

SESSION CHAIR:

Fredrick Royan, *Global Leader for Environment & Water*, FROST & SULLIVAN, UK

SPEAKERS:

Carlos Monreal, *Founder & CEO*, PLASTIC ENERGY, SPAIN
Maurizio Crippa, *CEO*, GR3N, SWITZERLAND

14:15 New Project Opportunities (and Challenges) in International Markets

- Serbia
- Turkey

14:45 Analysing Investment Opportunities in the UK Waste Conversion Market

With a large capacity gap and new policy making all the right sounds, the UK arguably represents one of the hottest waste to energy markets on the planet in 2019. New plans mean that 100 new plants have been proposed. We'll close the summit out by exploring what this opportunity means and overseas players can get involved.

- What does this progress mean for international developers and EPCs?
- How can investors get into the game?
- Where are the hottest opportunities?
- Who are the local stakeholders?

SESSION CHAIR:

Peter MacLaren, *Director*, LEVENSEAT, UK

SPEAKERS:

Helena Barrett, *Investment Manager*, JOHN LAING INVESTMENTS, UK

Keith Riley, *Chairman & CEO*, BH ENERGYGAP, UK

Tom Koltis, *Executive Director – Corporate Development*, COVANTA, USA

Stuart Hayward-Higham, *Technical Development Director – Recycling & Recovery*, SUEZ, UK

15:30 Close of Summit



1-1 Meetings

We make it easy for delegates to connect before, during and after the summit through the online 1:1 meeting tool, breakout workshops and evening networking drinks.

A dedicated meeting hub onsite and the support of our informed team at the event mean you will never miss a potential new contact.



Leaders from these companies confirmed to attend in 2019:



“The networking is most valuable. Rather than spend 3 weeks going to see people around the world, I’m able to see the key people in 1-2 days so it’s great value for money.”

Managing Director, GLOBAL AFR, SINGAPORE



**WORLD WASTE TO ENERGY
AND RESOURCES SUMMIT**
London, May 21-22, 2019



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London, May 21-22, 2019

With a firm focus on successful project delivery drivers, the summit addresses the need for innovation – not just in technology, but also in policy, finance and partnership models – to accelerate the growth of the industry worldwide.

Book now!

DELEGATE REGISTRATION

1,450 GBP + VAT

Venue

The Tower Hotel: GUOMAN

St Katharine's Way
London
E1W 1LD
UK

3 Ways to Register

By Phone: +44 (0)1273 789 989

By Email: callum.alexander@rethinkevents.com

Online: www.worldwastetoenergy.com/register

Your Summit Registration Includes:

- ✓ Supported networking and guaranteed introductions
- ✓ Access to all sessions at the two-day summit
- ✓ Delegate pack including full delegate list
- ✓ Your choice of a roundtable discussion group
- ✓ Personal login for the 1:1 meeting system online
- ✓ Presentations available online after the summit
- ✓ Networking drinks on the first evening of the summit
- ✓ All refreshments, breakfast and lunch

Overnight accommodation is not included in your package, however, we have negotiated a special rate for all attendees at the summit venue. Please make a reservation by April 23.

www.worldwastetoenergy.com/venue

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