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SMi Present the 9th Annual Conference...

# ENERGY FROM WASTE

Holiday Inn Kensington Forum, London, UK

8TH - 9TH  
DEC  
2016

## FEATURED SPEAKERS:

- **Roger Seed**, Contracts Team Leader, **Buckinghamshire County Council**
- **Pandora Rene**, Senior Advisor, Waste and Illegals, **Environment Agency**
- **Jarno Stet**, Waste Services Manager, **City of Westminster**
- **Stuart Hayward-Higham**, Technical Development Director, **SUEZ R&R UK**
- **Johnny Stuen**, Technical Director, Waste-to-energy Agency, **City of Oslo**
- **Maya Van der Steenhoven**, Director of the Public Private Cooperation Heating and Cooling, **South-Holland**
- **Andrew Hartley**, Director, **Green Investment Bank**
- **Mark Shenton**, Director, Head of Infrastructure & Renewables UK, **NIBC Bank N.V.**
- **Lukasz Dziekonski**, Director, Management Board Member Marguerite, **PKO Bank Polski SA/ Marguerite Fund**
- **Hubert de Chefdebien**, Chairman of ESWET Technical Committee, **ESWET**
- **Dr Philip Thomas**, WWS Technical Manager, **Thames Water**

## BENEFITS OF ATTENDING:

- **Receive** regulatory guidance and understand the impact of the circular economy on energy from waste
- **Discover** how to handle the monitoring issue in the **BREF** review process
- **Hear** about the outcomes of the world's first experiment to capture carbon dioxide from the fumes of burning trash
- **Discuss** the development of larger scale heat networks incorporating heat not just from EfW but also other industrial processes and greenhouses
- **Learn** about EfW projects and opportunities in Central and Eastern Europe Get ahead of the game and learn about the latest cutting edge technological breakthroughs
- **Realise** how merchant projects can be funded, re-financed and structured and what projects are bankable

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8.30 Registration & Coffee

9.00 Chairman's Opening Remarks

John Twichen, Consultant, [env23](#)

### REGULATION & CIRCULAR ECONOMY

9.10 OPENING KEYNOTE ADDRESS

#### Regulation of RDF in the UK

- Trends in Production and use of RDF
- Legislative Impacts on RDF in UK
- Future Regulation of RDF

[Pandora Rene](#), Senior Advisor, Waste and Illegals,  
[Environment Agency](#)

9.50 EfW and the Circular Economy from a local authority's perspective

- Westminster's context and challenge
- Enhancing value for money services which contribute towards the Circular Economy
- The role of EfW in the circular economy

[Jarno Stet](#), Waste Services Manager, [City of Westminster](#)

10.30 Morning Coffee

11.00 Energy from Waste and the circular economy from a provider's perspective

[Nicholas Pollard](#), CEO, [Cory Riverside Energy](#)



11.40 Energy from Waste need in a post Brexit UK

Senior representative SLR Consulting Limited

12.20 Networking Lunch

### TECHNOLOGICAL DEVELOPMENT IN EFW

1.30 The limitation to reducing ELVs (Emission Limit Values) due to the performances of the monitoring system in the context of BATs (Best Available Techniques)

- Background: Revision of the Waste Incineration BREF (BAT Reference document) under IED (Industrial Emission Directive) – The new nature of BATAELs (BAT Associated Emission Levels) which become capping values for ELVs
- INERIS report: Performances of the available monitoring systems (uncertainties) – Minimum achievable ELVs in respect of monitoring
- Consequences: How to handle the monitoring issue in the BREF review process

[Hubert de Chefdebien](#), Chairman of ESWET Technical Committee, [ESWET](#)

2.10 Spin it, don't block it

- Turning fat, oil, and grease into a renewable fuel
- Construction of dedicated FOG facility
- How this fits into the wider picture of keeping the sewers flowing

[Dr Philip Thomas](#), WWS Technical Manager, [Thames Water](#)

2.50 Afternoon Tea

3.20 Carbon capture and storage (CCS) system

- Overview of the project
- Reductions in emissions
- After trial results

[Johnny Stuen](#), Technical Director, Waste-to-energy Agency, [City of Oslo](#)

### HEATING PROJECTS

4.00 Development of larger scale heat networks

- Incorporating heat from other industrial processes
- Incorporating heat from greenhouses

[Maya Van der Steenhoven](#), Director of the Public Private Cooperation Heating and Cooling, [South-Holland](#)

4.40 "Heatline" low carbon district heating network for Coventry's city centre

- The specific details of this project
- Overcoming the infrastructural issues
- Looking to the future: What are the possibilities?

[Andrew Walster](#), Assistant Director Streetscene and Greenspace, [Coventry City Council](#)

5.20 Chairman's Closing Remarks and Close of Day One

5.30 Sponsored Networking Drinks Receptions

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8.30 Registration & Coffee

9.00 **Chairman's Opening Remarks**  
**John Twitchen**, Consultant, **env23**

#### INTERNATIONAL MARKETS

9.10 **OPENING ADDRESS**

##### **EfW projects in Central and Eastern Europe - regulatory environment, financing and current opportunities**

- EfW projects in CEE – state of play in the context of the EU regulatory developments
- Poland – the country with the largest number of ongoing projects: regulatory environment and structuring; current opportunities
- Romania – regulatory environment and the preferred options for financing; the progress of Timișoara and Bucharest EfW projects; other opportunities.
- Bulgaria - regulatory environment and structuring; Sofia EfW project and other opportunities.
- Overview of the potential across CEE and likely developments during the next 12 months

**Kostadin Sirleshtov**, Partner, **CMS Cameron McKenna LLP**, Bulgaria

**Wadim Kurpias**, Partner, **CMS Cameron McKenna LLP**, Poland

**Loredana Mihailescu**, Partner, **CMS Cameron McKenna LLP**, Romania

10.30 Morning Coffee

11.00 **Into the void: Brexit, technology, and driving continued growth in anaerobic digestion**

- Decarbonising heat, power, and transport- the role for anaerobic digestion
- The anaerobic digestion industry and market biomass in the UK- Brexit, policy, and technological trends
- The campaign for separate food waste collections and the need for collaboration to boost UK recycling rates

**Gaynor Hartnell**, Senior Biogas Advisor, **Renewable Energy Association**

11.40 **Liquidity in EfW feedstock treatment**

- Understanding future volumes and quality
- Policy and market implications on availability
- Implications of the move away from landfill

**Stuart Hayward-Higham**, Technical Development Director, **SUEZ R&R UK**

12.20 **Networking Lunch**

1.30 **Case study: New energy-from-waste plant in Greatmoor**

- Challenges during project programme delivery
- Project funding
- Future opportunities & benefits

**Roger Seed**, Contracts Team Leader, **Buckinghamshire County Council**

#### FUNDING ENERGY FROM WASTE

2.10 **Financing Energy from Waste schemes**

- Emerging trends in the broader financial markets post Brexit
  - Current EfW financing market
  - Key non-recourse financing structural elements
  - Lessons learned from existing financings
- Mark Shenton**, Director, Head of Infrastructure & Renewables UK, **NIBC Bank N.V.**

2.50 **Afternoon Tea**

3.20 **Financing EfW**

- The state of the financial markets and latest developments
- Applying project finance techniques to merchant EfW
- Sources of funding – debt and equity
- Structures and processes for merchant projects
- EfW in a non-subsidised era
- Re-financing operational PFI projects

**Andrew Hartley**, Director, **Green Investment Bank**

4.00 **The case study of the Poznan WtE – innovative hybrid-PPP model**

- First WtE installation built in the PPP in Poland
  - Innovative Hybrid-PPP
  - Case to follow and to be replicated in the CEE
- Lukasz Dziekonski**, Director, Management Board Member Marguerite, **PKO Bank Polski SA/ Marguerite Fund**

4.40 **Chairman's Closing Remarks and Close of Day Two**

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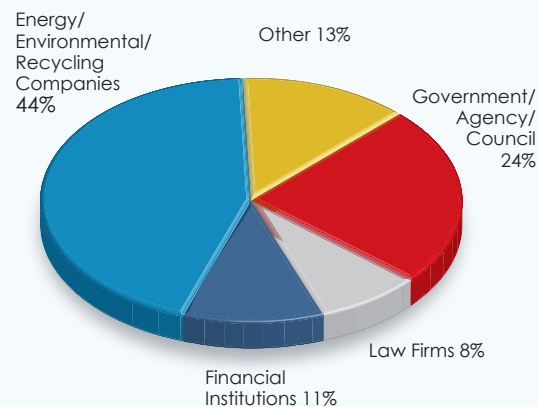


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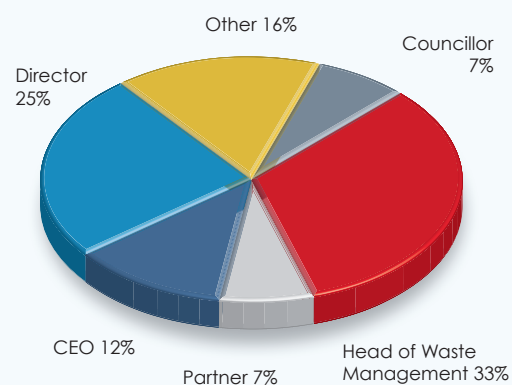


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## Previous attendees by job title



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London, United Kingdom

### December 2016

#### Energy from Waste

8th December - 9th December 2016  
London, United Kingdom



# ENERGY FROM WASTE

Conference: 8th - 9th December 2016, Holiday Inn Kensington Forum, London, UK

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