



*Waste today,
energy tomorrow*

national conference
energy from
waste 2016

25-27 OCTOBER 2016 • NOVOTEL SYDNEY, BRIGHTON BEACH NSW

CONFERENCE PROGRAM

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CONFERENCE PROGRAM

Tuesday, 25 October 2016

Welcome Function

1800-2000 **Welcome Function** - The Pavilion, Novotel Sydney, Brighton Beach



Wednesday, 26 October 2016

Plenary one

Chair: Joyanne Manning - Associate Principal, Australasia Resource and Waste Management Leader, Arup

0900	Welcome and introduction Joyanne Manning - Associate Principal, Australasia Resource and Waste Management Leader, Arup
0910	Waste Aid - The charity for the waste and resource recovery sector Mark Conlon - Chief Executive Officer, Waste Aid
0925	Keynote address: EfW Projects: Ensuring the good and avoiding the bad and the ugly Kevin Whiting - Senior Technical Director, WSP Parsons Brinckerhoff
1015	Morning Tea

Plenary two: Energy from Waste/Circular Economy Nexus

Chair: Joyanne Manning - Associate Principal, Australasia Resource and Waste Management Leader, Arup

1045	Keynote address: Lessons learned globally: international successes and failures and questions for Australia Mark Berry - Partner, Norton Rose Fulbright (UK)
1130	<i>The new EfW Policy Guide</i> Rhian Tough - Senior Policy Officer, Waste Strategy, NSW Environment Protection Authority
1200	Questions & Answers
1225	Lunch

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Wednesday, 26 October 2016 *continuing*

Session one: What is needed to bank an EfW Project

Chair: Anthony Douglas - Project Engineer, Phoenix Energy Australia

1325	<i>Financing bioenergy in Australia: Experience and insights from the Clean Energy Finance Corporation</i> Henry Anning - Associate Director, Corporate & Project Finance, Clean Energy Finance Corporation
1345	<i>MSW waste supply agreement</i> Alex Upitis - Environmental Engineer, Talis Consultants
1405	<i>How EfW can help generation mix, emissions intensity and network stability</i> David Dawson - Associate Principal Economics, Arup
1425	<i>How to maximise funding certainty</i> Nigel Aitchison - Partner, Head of Environment, Foresight Group
1445	Afternoon Tea

Session three: Social licences

Chair: Noni Shannon - Partner, Norton Rose Fulbright

1515	<i>Translating a social licence into community acceptance and an environmental approval for a Waste to Energy Facility</i> Noel Davies - Director, Aurora Environmental & Jason Pugh - General Manager, New Energy Corporation
1545	<i>A social licence to operate: The value of investing in your community</i> Hazel Storey - Regional Strategic Coordinator, Southern Sydney Regional Organisation of Councils (SSROC) & Vicky Critchley - Project Manager, Elton Consulting
1605	<i>Panel session:</i> Noel Davies - Director, Aurora Environmental; Jason Pugh - General Manager, New Energy Corporation; Hazel Storey - Regional Strategic Coordinator, SSROC; Simon Currie - Global Head of Energy, Norton Rose Fulbright and Stephen Fitzpatrick - Director Waste Services, Eastern Metropolitan Regional Council
1645	Day 1 - Concludes
1830	Conference Dinner - Novotel Sydney, Brighton Beach

Session two: What is needed for approval

Chair: Miles Mason - Business Development Manager, New Energy Corporation

1325	<i>EfW approvals: Navigating the regulatory and policy maze</i> Noni Shannon - Partner, Norton Rose Fulbright
1345	<i>Greenhouse and other air emissions from Energy from Waste Projects: A case study</i> Damon Roddis - Principal, General Manager, Pacific Environment
1405	<i>Air emissions and control from Energy from Waste facilities, ozone formation and implications for regional air quality</i> Ronan Kellaghan - Senior Manager, Air Quality, Ramboll Environ
1425	Questions & Answers
1445	Afternoon Tea

Session four: EfW associated plant and infrastructure

1515	<i>The Kwinana WtE Project - A key component for sustainable waste management in WA</i> Anthony Douglas - Project Engineer, Phoenix Energy Australia
1535	<i>PEF - Part of the EfW equation for Australia</i> Ben Sawley - Chief Operating Officer, ResourceCo
1555	<i>Energy from Waste Rock'n Roll</i> Dr Marc Stambach - Managing Director, Hitachi Zosen Inova Australia
1615	<i>How to optimise recycling rates using waste incineration</i> Bodo Rohs - Business Development Manager, Steinmüller Babcock Environment GmbH
1635	<i>The role of deep geological storage and isolation facilities in the cost effective management of fly ash from EfW plants</i> Steve Reece - Technical Services Manager, Tellus Holdings Ltd
1655	Day 1 - Concludes
1830	Conference Dinner - Novotel Sydney, Brighton Beach

Thursday, 27 October 2016

Plenary three: Recent overseas projects

Chair: Dr Marc Stambach - Managing Director, Hitachi Zosen Inova Australia

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| 0900 | Keynote address: <i>Energy from waste - making it happen!</i>
Anne Rabier - Vice President Municipal Projects, SUEZ |
| 0940 | Keynote address: <i>RENERGIA - Renewable Energy from Waste in Central Switzerland</i>
Ruedi Kummer - Managing Director, EfW Plant Lucerne |

1020 Morning Tea

Plenary four: International learnings from overseas

Chair: Simon Currie - Global Head of Energy, Norton Rose Fulbright

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| 1050 | <i>Development of new Energy from Waste Projects in North America</i>
Bruce Howie - Vice President, HDR Incorporated |
| 1115 | <i>Development of Energy from Waste in the UK - Lessons learned</i>
Andrew Street - Director, SLR Consulting Limited |
| 1140 | <i>Sustainable future</i>
Toshinori Nii - General Manager, Waste Treatment Systems Engineering Division, Kobelco Eco-Solutions |
| 1205 | <i>Sewage sludge incineration: Opportunities and challenges compared to thermal treatment of solid waste</i>
Roger Bligh - Sales Director, Outotec |

1230 Questions & Answers

1240 Lunch

Burst session one: Timbers/Innovation

Chair: Gillian Hand-Smith - Director, Sustainability by Innovation

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| 1340 | <i>The CharMaker MPP: A transportable furnace for waste, char and energy production</i>
Dr John Sanderson - Principal Environmental Engineer, Earth Systems |
| 1355 | <i>Technology and regulatory considerations in the development of a wood waste to energy project</i>
Stephen Fitzpatrick - Director Waste Services, Eastern Metropolitan Regional Council |
| 1410 | <i>MAGS: Decentralized Waste to Energy Transformation</i>
Dr Peter Tsantrizos - President and Chief Executive Officer, Tarragon |
| 1425 | <i>Reducing the technical risk in gasification-based EFW: Feedstock, gasifier and syngas science</i>
Daniel Roberts - Research Group Leader, CSIRO Energy |
| 1440 | <i>ORC - Organic Rankine Cycle technology, a flexible way to turn waste into distributed power, heating and cooling</i>
Carlo Minini - Sales Business Development Manager, Turboden |

1455 Afternoon Tea

Burst session two: Anaerobic Digestions

Chair: Enzo Bruscella - Chief Executive Officer, SCR Group

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| 1530 | <i>Anaerobic Digestion - The most sustainable solution for recycling organic waste</i>
Elmar Offenbacher - Sales Manager, BDI-BioEnergy International |
| 1545 | <i>Household food waste treatment technologies and system - A systematic review</i>
Meris Zheng - PhD Candidate, Victoria University |
| 1600 | <i>Waste-to-Energy and Anaerobic Digestion, proven solutions for different waste streams</i>
Edmund Fleck - Manager, Martin Biopower |
| 1615 | <i>ReWaste - Solving a shared problem</i>
Damien Bassett - Manager, Waste to Energy Services, Yarra Valley Water |
| 1630 | Conference wrap up
Joyanne Manning - Associate Principal, Australasia Resource and Waste Management Leader, Arup |

1645 Conference Close