



# 2021 ANNUAL CONFERENCE

15 - 17 June 2021 ■ Crowne Plaza Hunter Valley, NSW

*Pathways to sustainable growth*

## CONFERENCE PROGRAM

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# Free online Compost Facility Management training

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The course is for all staff working in organics processing facilities, with content tailored to different roles. Each module helps build knowledge and skills around topics such as the composting process, managing environmental risks and the types and use of end products.

Visit: <https://learning.epa.nsw.gov.au/> and search for Compost Facility Management Course.



Brought to you by the  
Department of Planning,  
Industry and Environment

# WELCOME

**On behalf of the Organising Committee, we take great pleasure in welcoming you to the AORA 2021 Annual Conference - Pathways to Sustainable Growth.**

With increasing expectations of the global community for primary industries and the organics recycling market to strike a healthy balance between economic progress and good environmental practice, 'Pathways to Sustainable Growth' through a healthy circular economy are paramount to success.

This conference sets out to blend the ideas and ambitions of a diverse group into a coherent vision for the future. The three major segments to be explored include the vision and long-term strategy for the industry, methods to engage the community in improved outcomes, and the continued effort to build best practices and a knowledge base around effective and profitable organics recycling.

Delegates will hear from some of the world's most prominent academics and industry experts, view first-hand demonstrations of leading-edge equipment and techniques, and be able to learn about research conducted by Australia's up and coming scientists – the winners of the annual AORA Student Research Awards.

We would like to extend a special welcome to our international keynote speakers, Jeff Lowenfels and Aurel Lübke, who will be joining us via livestream, as well as The Hon. Penelope Wesley and Dr Jeff Baldock. We would also like to thank our fellow Organising Committee members, all of the presenters and our sponsors and partners whose generous support is essential to the success of this event.

We are extremely grateful to be able to host a face-to-face event again and we look forward to meeting and engaging with as many of you as possible over the next few days.



**Charlie Emery**  
*2021 Conference Chair*



**Peter Wadewitz**  
*AORA Chairman*

## The uncomfortable truth of commercial food waste

**Each day in Australia, the equivalent of 560 semi-trailer loads of edible food produced by local farmers and food manufacturers is wasted.**

**There has to be a better way.**





# ABOUT AORA



**The Australian Organics Recycling Association (AORA) works on behalf of its members to raise awareness of the benefits of recycling organic resources.**

It aims to act as an advocate for the wider organics resource recovery and beneficial reuse industries, and to represent their views in a constructive dialogue with policy makers. The Association envisages an industry in which best practice is shared, standards are maintained and surpassed, and a positive contribution to safeguarding the environment is made.

The Association consists of a national body represented by a Board. State divisions operate in defined geographical areas (e.g. states or territories of the Commonwealth of Australia), managing their operations relevantly to their region. The AORA Board provides coordination across the divisions and a means of addressing state and national matters, as well as being the administrative managers of the business.

T: 0434 625 472  
E: [admin@aora.org.au](mailto:admin@aora.org.au)  
W: [www.aora.org.au](http://www.aora.org.au)  
P: PO Box 585, Hove SA 5048

## The Conference

The AORA Annual Conference is the principal conference in Australia for the recycled organics industry. Each conference is a forum for education, discussion and networking related to Organics Recycling. It is also an opportunity to celebrate outstanding achievements in the industry.

The AORA Annual Conference features workshops, presentations, social functions and an equipment demonstration day. This is an opportunity to network with industry leaders and gain insight to the latest achievements in the Organics Recycling Industry.

The first AORA conference was held in 2013 in Sydney and is now run annually, rotating the location around Australia.

## Organising Committee

- Charlie Emery, Soilco (Chair)
- Tim Richards, Richgro
- Robbie McKernan, FOCUS Enviro
- Dr Virginia Brunton, MRA Consulting
- Veronica Dullens, rEvolve Services
- Peter Olah, AORA National Executive Officer
- Alex Hammett, AORA Admin & Events Officer

## The Venue

**Crowne Plaza Hunter Valley**  
**430 Wine Country Drive, Lovedale NSW 2325**

The Crowne Plaza Hunter Valley is situated within the heart of Australia's oldest and most visited wine region. The Hunter Valley is easily accessible, only two hours' drive from Sydney and 50 minutes from Newcastle.

Direct flights into Newcastle Airport are available from Sydney, Melbourne, Brisbane, Canberra and the Gold Coast with transfers to the Hunter Valley from Newcastle Airport being only 50 minutes.

Crowne Plaza Hunter Valley offers premier resort accommodation with a scenic golf course, breathtaking vineyard views and great leisure facilities right on our doorstep. With accommodation options that include spacious, modern villas, rooms and suites that give you room to spread out, the warm and genuine service across a wide range of resort facilities will leave you with cherished memories.



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# JOIN THE AORA COMMUNITY

BECOME A MEMBER TODAY



THE  
AUSTRALIAN  
ORGANICS  
RECYCLING  
ASSOCIATION  
(AORA) IS THE  
PEAK BODY FOR  
THE ORGANICS  
RECYCLING  
INDUSTRY IN  
AUSTRALIA

Benefit from the support  
and advocacy that  
AORA provides on behalf  
of its membership

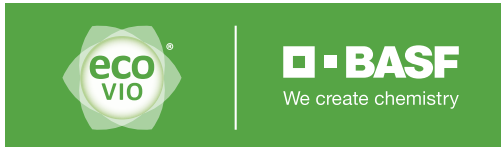
AORA members include  
recycled organics  
processing entities and  
sector stakeholders  
including allied industry  
members, individuals and  
students

# NATIONAL SPONSORS

AORA would like to acknowledge the following National Sponsors who play an active role in realising our vision:

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## Silver

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## Bronze

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## Founding Members

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## Research Partners

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## Media Partner

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# THANK YOU TO OUR SPONSORS

AORA would like to acknowledge the generous support of our sponsors and partners:

## NSW ENVIRONMENT PROTECTION AUTHORITY

CONFERENCE PARTNER

The NSW Environment Protection Authority is the primary environmental regulator for NSW and protects the community and our environment. We partner with business, government and the community to reduce pollution and waste, protect human health, and prevent degradation of the environment. We encourage businesses to make sure their activities do not harm the environment and human health.

The management of waste is a key focus area. In particular, we are targeting organics waste from households, business and industry across all aspects of the waste hierarchy - from avoidance to recycling. Our support of the organics sector includes working with local government, businesses and industry, driving education campaigns and providing funding for infrastructure to collect and process more organics waste to keep it out of landfill.

Our core values of collaboration and consultation are at the heart of how we work to deliver great places for you to live and work, and to develop smart ways to support innovative and prosperous industries.

[www.epa.nsw.gov.au/fogo](http://www.epa.nsw.gov.au/fogo)

## KOMPTECH (CEA)

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MAJOR CONFERENCE SPONSOR



Komptech CEA is a leading supplier of machinery and systems for the mechanical and mechanical-biological treatment of solid waste and biomass as a renewable energy source. As a premier service provider, we supply and service waste recycling equipment ensuring a first-class customer service experience that extends beyond the sale of the machine.

With branches in Australia & New Zealand and a team of highly experienced service technicians on hand, Komptech CEA is your trusted partner throughout the life of your machine.

[www.komptechcea.com.au](http://www.komptechcea.com.au)



## FOCUS ENVIRO

DEMONSTRATION DAY SPONSOR



FOCUS enviro is a specialist provider of environmental equipment solution for the organics recycling industry

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With a team of experienced industry professionals, FOCUS now sets the standard for in market customer service. Delivering national and international proven technology with excellent local support is the winning combination.

[www.FOCUSenviro.com.au](http://www.FOCUSenviro.com.au)

## HITACHI

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## HITACHI

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Hitachi Construction Machinery (Australia) Pty. Ltd. (HCA) is a subsidiary of Hitachi Construction Machinery Co., Ltd. (Japan) established in 1949, and a leading global manufacturer of Hitachi branded mining and construction equipment. We are part of the global and diversified Hitachi Group, one of the world's largest companies and a leading researcher and manufacturer of new technologies across a diverse range of industries.

HCA is the exclusive distributor of Hitachi and Bell products in Australia. Committed to delivering machinery sales and support to Australian customers across the mining, construction, quarry, material handling and waste / recycling industries through a wholly-owned national branch network.

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## MRA CONSULTING GROUP

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MRA is one of Australia's leading environmental consultancy firms, specialising in the waste and recycling sector.

We are experts in waste, resource recovery and technology, tendering and contracts, business analytics, organics, carbon and sustainable development. Offering customised advice to all levels of government and to the private sector, our objective is to provide a one-stop shop for your project.

[www.mraconsulting.com.au](http://www.mraconsulting.com.au)

## SUEZ

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SUEZ makes the best use of water and waste by providing smart and reliable resource management solutions for towns, cities, businesses and industry. We're also the country's largest processor of urban generated food and garden organics, producing around 250,000 tonnes of high quality compost each year.

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## AGSIGHT

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AgSight supports the Australian Compost Industry.

We market the SOLVITA™ Compost Maturity Test which improves the composting process, reduces costs and helps produce a compost that is fit-for-purpose.

AgSight works with scientists and industry to measure the benefits of compost to soil microbial activity and labile carbon and plant growth.

[www.agsight.com.au](http://www.agsight.com.au)

## NALG & HZI

JOINT TECHNOLOGY SPONSORS



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NALG's Composting system uses In-Vessel Composting Technology with specialised high-pressure nozzles and superior air handling, dirty air and leachate treatment systems manufactured under International Composting standards and guidelines to produce high quality composted end product. An Australian family owned mushroom and organic waste composting technology company with reference sites in Australia and worldwide.

[www.nalg.com.au](http://www.nalg.com.au)

HZI's Kompogas® process uses continuous anaerobic digestion to recycle biogenic waste, producing natural fertiliser and renewable energy in the form of green power and heat or biogas. Thanks to its robust, modular design, the Kompogas® technology has become one of the global market leaders, with almost 100 reference plants worldwide.

[www.hz-inova.com](http://www.hz-inova.com)

## MRA Consulting Group Best consultancy in:

- 1st Education, training, community consultation
- 1st Strategy, policy and planning
- 1st Technology, infrastructure reviews and evaluations
- 1st Economic evaluation and modelling
- 1st Procurement – tender development and evaluation
- 1st Logistics – collection and transfer studies
- 1st Best environmental specialists
- 1st Environmental and greenhouse management



2020 Inside Waste Annual Consultants Review

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# KEYNOTE SPEAKERS



## Jeff Lowenfels

Author - The Teaming Series Books on Organic Growing (USA)

Jeff Lowenfels is the most humorous and entertaining lecturer on the circuit. He is a reformed lawyer and author of Timber Press' award winning and best-selling books, *Teaming With Microbes: The Organic Gardener's Guide to The Soil Food Web* and *Teaming With Nutrients: The Organic Gardener's Guide to Optimizing Plant Nutrition* and completing the trilogy, *Teaming With Fungi, The Organic Grower's Guide to Mycorrhizae*.



Jeff's new book was released in October and is called *DIY Autoflowering Cannabis*, published by NewSociety.

Lowenfels also pens the longest running garden column in the world and is a highly respected and popular garden writer. He is the former President of the Garden Writers of America, a GWA Fellow and in 2005 was inducted into the GWA Hall of Fame - the highest honor an American garden writer can achieve.

Most important, Jeff is the founder of a now national program that started as "Plant a Row for Bean's," the soup kitchen in Anchorage, and is now "Plant A Row for The Hungry." The program is active in all 50 states and Canada and has resulted in millions of pounds of garden produce being donated every year to feed the hungry.

Jeff is as passionate about "Plant a Row" as he is about organics. He encourages gardeners everywhere he goes to participate in the program and constantly reminds his fellow garden communicators of the pressing need to solve the hunger problem.

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## Dr Jeff Baldock

Soil Scientist

Jeff Baldock is a soil scientist based in South Australia. Prior to retiring from CSIRO, his research focussed on measuring the amount and composition of organic matter in soils and other terrestrial and aquatic environments.



He led a range of research projects aimed at defining the influence of agricultural management practices on the stocks and composition of organic carbon in soils, peats and sediments and how this impacts productivity. He examined the availability of nitrogen within agricultural systems and developed a calculator for predicting the amount of fertiliser N required to achieve targeted grain production outcomes. He contributed and continues to contribute to the development of soil carbon modelling component of Australia's National Greenhouse Gas Inventory and soil carbon methods included in Australia's Emissions Reduction Fund.

Jeff has also completed research aimed at enhancing the use of various forms of spectroscopy to provide rapid and cost-effective soil measurement capabilities and how to integrate the data derived into predictive models and decision support systems.

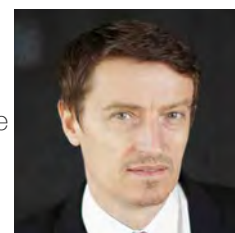
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## Aurel Lübke

CEO - Compost Systems (Austria)

Aurel Lübke, CEO of Compost Systems based in Wels, Upper Austria, has been working in the field of waste management, specialising in composting, for more than 30 years.

After concluding his studies in Mechanical Engineering, Aurel first started composting in 1989. In 2002, he established "Compost Systems GmbH" consulting engineers, specialising in waste management, the company has designed over 100 biological treatment facilities for clients around the world in various fields including municipal, industrial and agricultural organic waste streams.





# MASTER OF CEREMONIES

## Cate McQuillen

Head Smarty Pants - mememe Productions

Cate McQuillen is a producer and writer, known for Dirtgirlworld (2009) and Get Grubby TV (2014).



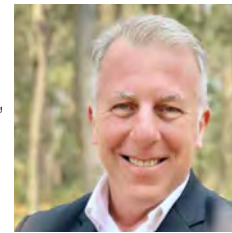
From her home base in the Northern Rivers Region of NSW, Cate is one half of mememe productions, creating 'out there' children's programming for a new generation of content seekers. With a myriad of skills and interests, her greatest assets are her approach and attitude and ability to generate ideas, motivate, inspire and see the 'big picture'.

# DINNER SPEAKER

## Dr Michael Crawford

CEO - Soil CRC

Dr Michael Crawford has over 25 years' experience in extension, research and science management in areas related to soil science, farming systems and natural resource management. Michael has an Honours Degree in agricultural science from the University of Melbourne, a PhD in soil science from the University of Adelaide, undertaken through the former CRC for Soil and Land Management, and an Executive Masters in Public Administration from the University of Melbourne and the Australia and New Zealand School of Government.



He has operated at senior levels of government and research management, has worked with grower groups and farming communities, and has strong relationships with relevant industry stakeholders, universities and government departments. He commenced as the inaugural CEO of the CRC for High Performance Soils in Sep 2017.

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# DEMONSTRATION DAY

Tuesday 15<sup>th</sup> June 2021

## SEE EQUIPMENT IN ACTION AT THE AORA DEMONSTRATION DAY

AORA Demo Day  
proudly sponsored by:



**FOCUS**  
enviro

See grinders, screens, turners and other equipment in operation with live demonstrations, and take the opportunity to see the equipment up close, compare different models and meet with suppliers all in the one place.

**All participants are required to wear long pants and steel capped safety boots.** Hard hats and safety vests will be provided. Lunch, afternoon tea and cold drinks will be supplied plus a complimentary coffee van will be onsite from 10:00am - 2:00pm..

**NOTE: The Demonstration Day Site is a working site. For safety reasons, delegates may not drive themselves to the location, all delegates MUST arrive and depart via the coach from the Crowne Plaza Hunter Valley**

## Timetable\*

1000	Registration (Foyer of Crowne Plaza Hunter Valley)
1020	Bus 1 Departs Crowne Plaza Hunter Valley
1040	Bus 2 Departs Crowne Plaza Hunter Valley
1050	All attendees onsite
1100	Compost Cover and Telehandler
1115	Grinders and Excavators
1200	Truck Volume Scanner
1215	Break for Lunch
1300	Shredders and Excavators
1330	Trommels and Loaders
1445	Opportunity to view equipment and meet with suppliers
1500	Bus 1 Returns to Crowne Plaza Hunter Valley
1530	Bus 2 Returns to Crowne Plaza Hunter Valley
1545	All attendees arrived Crowne Plaza Hunter Valley
1800	Networking Function

*Note: Schedule is subject to change*



## Equipment on display

### Compost Covers

- Compost Systems COMPOSTcover (FOCUS enviro)

### Shredders

- Doppstadt Inventhor Type 9 Shredder (JDM Aust) [STATIC]
- Edge FTS R Radial Mulch Master (FOCUS enviro)
- Terex Ecotec TDS825 Slow Speed Shredder (Finlay)
- Terex Ecotec TDS820 Slow Speed Shredder (Finlay) [STATIC]
- Terex EcoTec TDS-V20 Medium Speed Shredder (Finlay) [STATIC]

### Grinders

- Komptech Crambo 5200 Track Grinder
- Morbark 6400XT Horizontal Grinder (Lincom) [STATIC]
- Rotochopper FP622 High Speed Grinder (FOCUS enviro)
- Vermeer HG6800TX Horizontal Grinder (RDO Equipment)

### Trommels

- Edge TR622 Trommel (FOCUS enviro)
- Gremac E2 Trommel Screen (GCM enviro)
- Komptech Nemus 2700 Trommel Screen
- Seibo 5000 Mobile Trommel Screen (GCM enviro)
- Terex EcoTec TTS-620 Trommel (Finlay) [STATIC]

### Excavators, Loaders and Handlers

- 13T Excavator Hydraulic Quick Hitch (SBA) [STATIC]
- Arden 20T Sorting Grab (SBA) [STATIC]
- Five Finger Grab (SBA) [STATIC]
- Hitachi ZW180-5 Front-End Wheel Loader
- JCB 455ZX 18T Wheel Loader
- JCB 467ZX Wheel Loader
- JCB TM420 10T Telescopic Wheel Loader [STATIC]
- John Deere 624K-II Wheel Loader (RDO Equipment)
- John Deere E260 Excavator (RDO Equipment)
- SENNEBOGEN 355E Telehandler (Pacific Materials Handling)

### Other Equipment

- Loadscan LVS3TMM Truck Volume Scanner
- Moving Floor Trailer (Barker Trailers) [STATIC]
- ScreenPod 1600D Industrial Vacuum (Komptech CEA) [STATIC]



# SOCIAL FUNCTIONS

## Networking Function

Join us after the Demonstration Day for an evening of drinks, canapés and networking with the exhibitors, speakers, sponsors and other attendees.

*Sponsored by:*



**Date:** Tuesday 15 June 2021  
**Time:** 6.00 – 8.00pm  
**Venue:** Pergola (Crowne Plaza Hunter Valley)  
**Dress:** Casual  
**Music:** "Who's Charlie" - Amanda & Michael Dobney.  
A piano/vocal duo performing a range of 70's, 80's, 90's and current material.

## Conference Dinner

The Conference Dinner is traditionally a highlight in the AORA Annual Conference program and provides an opportunity for the participants to relax and engage in the type of networking that is vital to furthering the recycled organics industry.

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**Date:** Wednesday 16 June 2021  
**Time:** 7.00pm – late  
**Venue:** Merlot Room (Crowne Plaza Hunter Valley)  
**Dress:** Business/Smart Casual  
**Speaker:** Dr Michael Crawford, CEO - Soil CRC  
**Music:** "Happy Days" - Acoustic Folk/Rock Duo featuring Bia Keats on lead vocals, electric violin and percussion & Gavin Beck on acoustic guitar, vocals and stomp box

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# PROGRAM

Wednesday 16<sup>th</sup> June 2021

0800	Registration, tea and coffee
<b>OPENING PLENARY</b>	
0830	<b>Welcome and housekeeping</b> <b>Peter Olah</b> , NEO - Australian Organics Recycling Association
0835	<b>Official welcome</b> <b>Peter Wadewitz</b> , Chair - Australian Organics Recycling Association
0840	<b>Opening address (livestream)</b> <b>Hon Trevor Evans MP</b> , Assistant Minister for Waste Reduction and Environmental Management
0850	<b>KEYNOTE PRESENTATION: Teaming with Microbes: AORA needs the soil food web and so do your customers! (livestream)</b> <b>Jeff Lowenfels</b> , Author - The Teaming Series Books on Organic Growing (USA)  Australia's oldest tree is a huon pine located on Mount Reed and believed to be about 2,000 years old. How did it survive so long without ever being fertilised or having pesticides applied to it? In an extremely humorous and entertaining presentation, Jeff Lowenfels will show you why compost, soil conditioners and mulches should be of interest to all who grow plants.
0930	<b>KEYNOTE PRESENTATION: Soil Organic Matter: Functions and the role of organic amendments</b> <b>Dr Jeff Baldock</b> , Soil Scientist  The beneficial role of organic matter and its component fractions on soil function will be discussed. The composition of these fractions will be defined and used to identify the characteristics of organic amendments required to achieve particular functions in soil. The ability of infrared spectroscopy to indicate the suitability of organic amendments to achieve a desired function will be presented.
1000	Morning tea break
<b>A COMMON VISION</b>	
1030	<b>Platinum Plus Sponsor Presentation</b> <b>Craig Cosgrove</b> , Komptech CEA
1045	<b>Pathway Towards Zero Waste: Applied Network for Recycled Organics and Waste Management (ANROWM)</b> <b>Dr Maryam Esfandbod</b> , Prof Chengrong Chen & Dr Mehran Rashti, Griffith University, Dr Georgina Davis, Queensland Farmers' Federation & Veronica Dullens, AIEN  ANROWM is an industry network focused on shifting the paradigm from waste disposal to resource recovery. ANROWM brings together the State/Federal Government, industry (waste and recycled organics), researchers, environmental consultants growers and farmers around Australia.
1100	<b>Mandating Organics: The rest of the world provides options</b> <b>Virginia Brunton</b> , MRA Consulting Group  To identify policies and mechanisms and determine their success in diverting food and or garden organic (FOGO) waste from landfill, this review focuses on organics collection legislation in American and European countries of comparable socioeconomic status.
1115	<b>International Compost Industry Leaders Panel</b> <ul style="list-style-type: none"> <li><b>Susan Antler</b>, Executive Director, Compost Council of Canada</li> <li><b>Frank Franciosi</b>, Executive Director, US Composting Council</li> <li><b>Dr Stefanie Siebert</b>, Executive Director, European Compost Network</li> <li><b>Percy Foster</b>, Chief Executive, Composting and Anaerobic Digestion Association of Ireland</li> </ul>
1145	Questions and discussion

1200	Lunch
<b>INFORMED OPINION: FOGO</b>	
1300	<b>Platinum Plus Sponsor Presentation</b> <b>Robbie McKernan</b> , FOCUS enviro
1320	<b>FOGO and MUDs - Developer perspective and solutions for local government</b> <b>Geraldine Busby</b> , Encycle Consulting  Increasing housing density and government initiatives towards implementing FOGO collections present opportunities for best practice waste management in MUDs. Being aware of different perspectives and gaining knowledge of what is possible for FOGO will facilitate not only collection but processing from the built environment.
1340	<b>FOGO Organics Under Control: Comparison of Two Regional Case Studies - Technology and compost product outcomes</b> <b>Dr Harrie Hofstede</b> , Sparteel  The paper reviews two approaches to FOGO recovery. Goldfields Shire in Victoria, which has a voluntary based participation system, and Bunbury Harvey Regional Council, which introduced a compulsory system. The paper makes a comparison on the collection, processing and compost quality.
1400	<b>FOGO Deep Dive - NSW gets its Scrap Together</b> <b>Amanda Kane</b> , NSW EPA  The NSW government took its investment into new FOGO collection services a step further in 2020, with a deep dive into household behaviours to make the most of the green lid bin. The result was 'Let's Get our Scrap Together' campaign. This presentation will highlight the findings from a three council trial and plans to roll it out statewide.
1420	Questions and discussion
1445	Afternoon tea break
<b>INFORMED OPINION: CARBON</b>	
1515	<b>The potential for enhancing soil carbon levels through the use of organic soil amendments</b> <b>Johannes Biala</b> , CROWN, UQ  Application of organic amendments such as livestock manures and compost is commonly listed as a strategy with potential to sequester carbon in agricultural soils and contribute to climate change mitigation. The objective of this study was to evaluate this potential for Qld, by collating and analysing information on organic amendments and modelling SOC sequestration in illustrative cropping locations.
1535	<b>Microbes and their applications to enrich soil organics</b> <b>Dr Mahesh Venkataramaiah</b> , CrabFish Advisory (India)  Agricultural soils have low organic matter content and are more susceptible to erosion, desertification, and climate change. Microorganisms present in the soil have various properties to decompose the organic carbon fraction like Cellulose, lignin, hemicelluloses, chitin and lipids present in soil organic matter.
1555	<b>Incorporating composts into cropping systems</b> <b>Declan McDonald</b> , Regen Soils & <b>Bill Grant</b> , Blue Environment  Use of compost on cropping land is constrained by poor understanding of how compost works. Transformational change in management of cropping soils requires more strategic management of carbon inputs as an energy source for microorganisms.
1615	<b>KEYNOTE PRESENTATION: Review – 30 years composting in Austria (livestream)</b> <b>Aurel Lübke</b> , Compost Systems (Austria)  Austria has a mix of high populated metropolitan areas and difficult to access, thinly populated mountain regions. Around 500 composting facilities process 1.5M tonnes of organic waste, ranging from very small to >100,000 t/year capacity. Over 30 years, many lessons have been learnt - from contamination, to cost impact and harvesting results between decentralised solutions and large metropolitan plants.
1645	Questions and discussion
1700	Close Day 2
1900	Conference Dinner



Thursday 17<sup>th</sup> June 2021

## 0800 Registration, tea and coffee

### ENGAGED COMMUNITIES

- 0830 AORA Study Awards for Advancing Organics Recycling**  
Awards sponsored by Komptech CEA. Supported by CROWN, UQ.
- Lignite amendment of livestock manure: Mechanisms for nitrogen retention and effects on composting and nutrient release dynamics  
**Robert Impraim**, University of Melbourne (PhD)
  - The value of dehydrated food waste products in enriching soil health and crop productivity  
**James O'Connor**, University of Newcastle (Honours)

- 0900 Process Quality: The cost-effective method to control compost odour**  
**Tim O'Neill**, Engineered Compost Systems &  
**Mike Lord**, Mike Lord Consultancy
- This presentation will document how science-based and well executed design, when combined with good operations, will reliably and significantly reduce odour emissions, and should be considered as a cost-effective alternative to completely enclosing the process.

- 0920 Recovering commercial and industrial food waste in Melbourne**  
**Jillian Risely**, Metropolitan Waste & Resource Recovery Group
- The Victorian MWRMG has identified C&I food waste as an opportunity to divert waste from landfill and put it to better use. Its strategic analysis, comprehensive data and a new guide to support businesses will contribute to meeting the ambitious objectives of the Victorian Government's circular economy policy and action plan for waste and recycling.

- 0940 A National Compostable Packaging Strategy for Australia**  
**Lily Barnett**, Australian Packaging Covenant Organisation
- Developed in consultation with a wide range of stakeholders across industry and government, this holistic strategy outlines the actions to be taken collectively to ensure that certified compostable packaging is used appropriately and helps to facilitate a circular economy for packaging and food waste.

- 1010 Questions and discussion**

- 1030 Morning tea break**

### INFORMED OPINION: IN THE FIELD

- 1100 Pathways to Soil Sustainability: New approaches and opportunities**  
**The Hon. Penelope Wensley AC**, National Soils Advocate
- The subject of soils is moving up the national agenda. This fresh focus on soils has delivered some important initiatives, notably the release of the National Soil Strategy. There are exciting new opportunities for the Australian soil community and for the organic recycling industry.

- 1120 Demonstrating the benefits of compost as a cost-effective input for broad-acre cropping in NSW**  
**Dr Greg Bender & Norman Marshall**, Australian Soil Management
- Compost is an important tool in our soil regeneration and carbon farming programs, however, the value proposition for use of compost in broad-acre cropping remains elusive. This presentation reports on good progress to date.

- 1140 0.25% by 2025**  
**Angus Johnston**, BioCarbon Soil
- Agriculture is a large and valuable market for composted soil amendments that are consistent, clean and matured. BioCarbon Soil makes the case for an industry wide commitment to a limit of 0.25% physical contamination in composted soil conditioners by 2025.

- 1200 How using compost on sports fields delivers recreation, environmental and economic outcomes**  
**Dr Paul Lamble**, Peak Water Consulting
- Sports fields with compost amended soils and the correct turf have a higher carrying capacity, lower water demand and more fertile soils than fields built without any soil amendment. Furthermore, they are more cost effective than synthetic alternatives.

- 1220 Questions and discussion**

## 1300 Lunch

### INFORMED OPINION: WHAT'S NEXT?

- 1400 ACCC vs Woolworths. Any lessons for the compostable plastics industry?**  
**Simon Leake**, SESL Australia
- In 2019, the ACCC prosecuted Woolworths for misleading and deceptive conduct over the claim that certain picnicware was biodegradable and compostable. The ACCC lost its application and had costs awarded against it. In 2020, ACCC appealed the judgement but the Federal Appellate court rejected all points of the appeal and upheld the judgement completely. The reasons for the judgement and the evidence presented and used at the trial have implications for the future of the bioplastics industry.

- 1420 Platinum Plus Sponsor Presentation**  
**Rowan Williams**, BASF

- 1440 National food waste strategy**  
**Sam Oakden**, Fight Food Waste Australia
- Australia generates almost 300kg of food waste per capita every year or 7.3 million tonnes of food waste across the entire production and consumption chain. In December 2020, the Australian Government partnered with industry, NGOs and all levels of Government to form Stop Food Waste Australia. This presentation will provide an update on the implementation of the national strategy and how business and government can work together to capture more value from this \$20b+ cost/opportunity.

- 1500 Questions and discussion**

### CONFERENCE CLOSE

- 1530 The ground's generosity takes in our compost and grows beauty: Compost promotes soil health and productivity**  
**Prof Nanthi Bolan**, University of Newcastle & CRC for High Performance Soils
- This presentation will cover the value of compost in improving physical (e.g., soil structure/porosity etc.), chemical (e.g., nutrients inputs, CEC etc.) and biological (e.g., carbon source, microbial diversity and function) fertility of soil.

- 1550 Conference wrap up and closing remarks**  
**Peter Wadewitz**, Chair - Australian Organics Recycling Association

- 1600 Conference Close**

# CONFERENCE APP

As part of our commitment to ensure the conference content is accessible to all members and industry stakeholders, we are utilising the Cvent Attendee Hub for the AORA 2021 Annual Conference.

## Key features of the Attendee Hub

- **Event Information** - View all information relating to the event, including the complete Conference Program, Sponsors, Speakers, Exhibitors and Attendee Lists.
- **Interact with Sessions** - Vote in Live Polling, send Questions and upvote the topics you'd like answered in real-time.
- **Real-Time Online Access to Presentations** - Participate online by watching the dedicated live stream.
- **On Demand Access to Recordings after the Event** - The videos of the presentations will be available for three months after the Conference in case you want to catch up on anything you might have missed while you were busy networking at the event.
- **Push Notifications** - Receive alerts, news and updates directly from the AORA Annual Conference team.

## How to access the Attendee Hub

The easiest way to access the attendee hub is via the email sent to you a few days before the conference. Click **Open the App** and it will automatically download and log you in.

### For manual access:

- On your device, search for Cvent Events and download the app.
- Search for AORA 2021 Annual Conference, select the conference.
- Enter your name and the email address you registered for the conference with and then check your email for the verification code.

If you can't locate your email or require any additional assistance, please visit the Registration Desk.



## COVID-SAFE MEASURES AT THE AORA 2021 ANNUAL CONFERENCE



AORA is taking appropriate precautions to ensure we provide a safe environment for participants to connect at the AORA 2021 Annual Conference.

The event has been registered with the NSW Government as COVID-safe and as such attendees will be required to check in upon arrival.



Physical distancing



Hygiene and cleaning



Record keeping



Wellbeing of all attendees

- QR codes will be posted at the entry to the Crowne Plaza Conference Centre. To speed up the process, you may wish to download the Service NSW app prior to arriving at the venue (Android or iOS).
- Once you have completed the check in process, please keep the screen open to show staff prior to collecting your name badge.

We are closely monitoring COVID-19 regulations in line with advice from the Australian Government and local health authorities to ensure your health is protected. In addition, we are working with the conference venue to ensure a safe and secure environment. This includes new measures around physical distancing, increased hygiene practices, safe food service, sanitisation and cleaning protocols for your safety onsite.

## NALG INVESSEL COMPOSTING SYSTEMS

NALG is an Australian family owned innovative custom design specialist in the development of invessel composting projects using computer-controlled climate systems for organic waste and anaerobic digestion systems.



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NSW 2153, Australia  
[www.nalg.com.au](http://www.nalg.com.au)



Thanks to our Kompogas® and BioMethan technologies, organic waste also finds its way back into the materials cycle. We deliver complete turnkey plants for biological and thermal energy recovery from waste. Check our over 600 references worldwide.

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North Sydney NSW 2060 Australia  
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Waste is our Energy  
[www.hz-inova.com](http://www.hz-inova.com)

For Some It's Just Waste.  
For Us It's a Key Natural Resource.



Hitachi Zosen  
INOVA

# POSTERS

## Innovative approach for identification of microplastic in biosolids and soils

**Dr Mehran Rashti & Dr Maryam Esfandbod**, Griffith University

Microplastics (MPs) have been notified as a newly emerging contaminant in international scale, so the awareness about this issue is slowly increasing within policy. The proposed method is innovative for MP quantification developed based on reviewing worldwide available literature where collective techniques were utilised to provide the best possible outcome in obtaining MPs from samples with high organic matter content whereas, the current methods are not suitable.

## Carbon abatement from organics diversion

**Robin Gonzalez**, MRA Consulting Group

Waste contributes to approximately 3.7% of Australia's greenhouse gas emissions, which are mainly generated from food and organic waste. The Clean Energy Regulator has created the Source Separated Organic Waste (SSOW) method to incentivise proponents to divert organic materials from landfill. MRA will provide an overview of the benefits associated with the SSOW method.

## The economics of recycled organics in vegetable production

**Liam Southam-Rogers**, Applied Horticultural Research

Recycled organics can be used to improve soil conditions and create profitable increases to yield in vegetable production. Two demonstration trials were established, and the economic performance of recycled organics was measured along the life of open-field popcorn crop and radish crop under a greenhouse.

## Spreading Compost to Wider Fields

**Stephen Ockerby**, AgSight Pty Ltd

The effects of compost on the soil and plant growth are well-known. This (poster) paper explores how to use what is often a limited supply of compost to derive added benefits from more-and-more farmed and managed lands.

## Agricultural waste upcycling for a circular future

**Dr. Katharina Devitt, Cinthya Cusi, Daniela Guerra & Mauricio Murillo**, FIBO

Farming innovation by-product operations (Fibo) has a vision of transforming agricultural waste into valuable products. Not only will the reduction of organic waste that would traditionally be left to decompose on fields decrease GHG emissions; but transforming waste into products creates additional revenue for farmers, feeds resources and materials into a circular supply chain, and offers alternative perspectives of waste valorisation.

## Solvita®: The Key to Practical Compost Maturity Testing.

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The Compost Maturity Index (CMI) demystifies assessing compost progress and stability.

By assessing both CO<sub>2</sub> and NH<sub>3</sub> emissions, you gain confidence that your compost is biologically and chemically stable. With our new CMI Calculator, you can more accurately calculate and report compost maturity level. It's the standard for a reason.

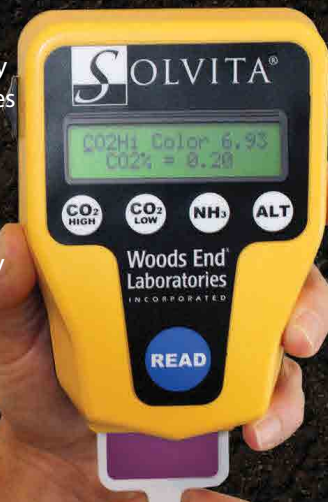
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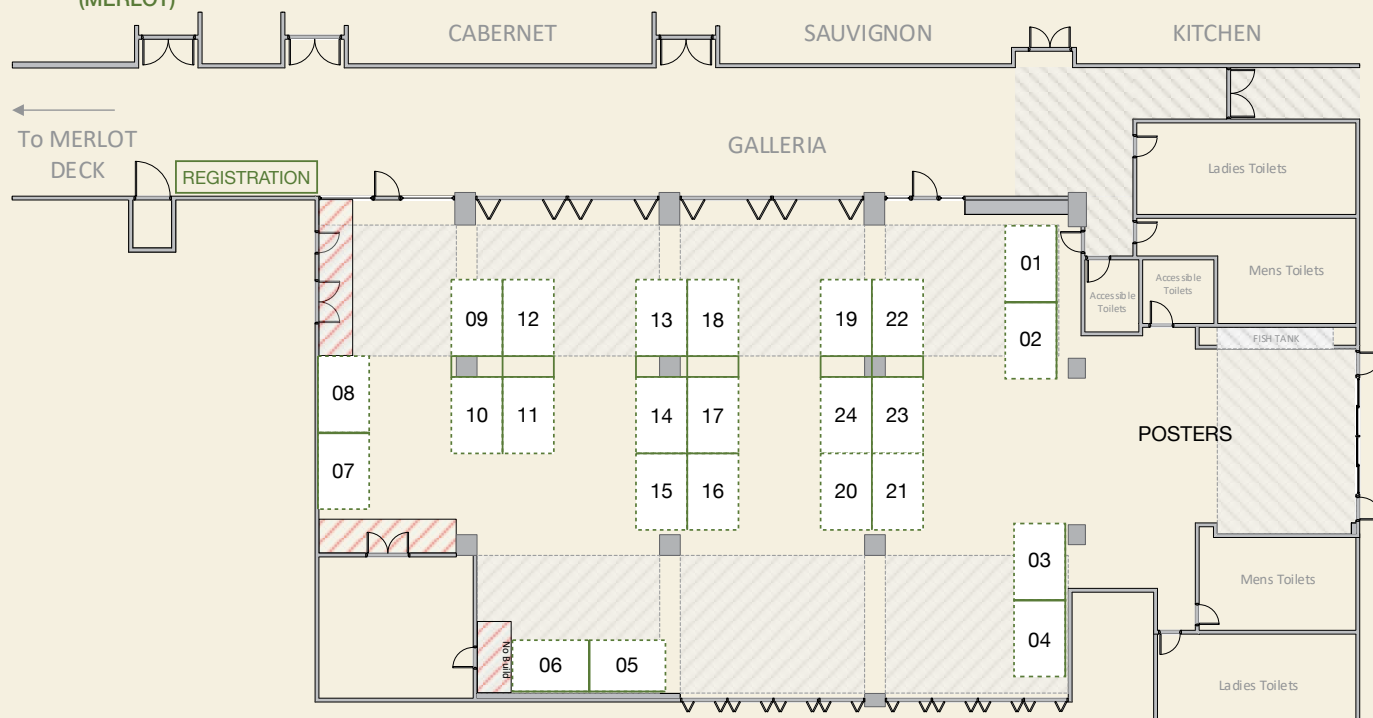
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# FLOORPLAN

## CONFERENCE ROOM (MERLOT)





# EXHIBITOR CATALOGUE

## Australian Bioplastics Association

Booth 18



The Australasian Bioplastics Association (ABA) is the peak industry body for manufacturers, converters and distributors of bioplastic products and materials throughout Australia and New Zealand. The Association represents Members in the promotion of, and advocacy for, Members' products and materials. The Association works with government, organic recyclers, composters, industry groups, non-government organisations, brand owners and converters to further the understanding and appropriate use of bioplastics.

**Contact** Rivka Garson  
**Phone** 0424 933 346  
**Email** r.garson@cardiabioplastics.com/  
 margherita.caggiano@gmail.com  
**Website** www.bioplastics.org.au

## Australian Organics Recycling Association

Find us in the Poster Area



AORA works with all stakeholders to facilitate an operating environment which maximises the recycling and reuse of organic materials, and promotes the benefits of compost, soil conditioners and mulches across the Australian community and business.

**Contact** Peter Olah  
**Phone** 0458 404 898  
**Email** peter@aora.org.au  
**Website** www.aora.org.au

## AWRE (Diversified)

Booth 17



Australians are looking towards the waste and recycling industry to drive positive change. As the premier business event for the waste, recycling and resource recovery sector, AWRE is where the best come together to join forces for a world of solutions towards a cleaner, more sustainable future with a two-day exhibition, free seminars, a new high-level summit and a Gala Dinner. Supported by NWRIC, WCRA, NSW EPA, MRA, AIP, SSROC, AORA and APCO the event will be held on July 25 – 26 at the ICC in Sydney.

**Contact** Melissa Clendinen  
**Phone** 0412 547 664  
**Email** mclendinen@divcom.net.au  
**Website** www.awre.com.au

## BioBag World Australia

Booth 08



BioBag World Australia is an Australian Manufacturer of certified compostable and biodegradable products. Our main goals combine concentrating on the quality of existing products and the innovation of new products and concepts.

**Contact** Craig Secombe  
**Phone** 0457 004 464  
**Email** craig@biobagworld.com  
**Website** www.biobagworld.com

## Barker Trailers

Demonstration Day



As a Victorian based family business of 47 years, founders, Ernie and Arthur Barker paved the foundation for building high quality trailers matched directly to customer requirements.

Barker Trailers does not compromise on strength, quality or long-term durability. It is for these reasons our loyal client base continue to support us.

**Contact** Lainie Nitz  
**Phone** 0428 996 961  
**Email** lainie@barkertrailers.com.au  
**Website** www.barkertrailers.com.au

## Cemac Technologies

Booth 01



CEMAC technologies offers a range of leading recycling and resource recovery technologies and related engineering experience. With focus on material resources, we offer the Organics Industry proven processing and decontamination solutions. Combining over three decades experience in Resource Recovery, Plant Engineering and Equipment Design, we create value through implementing up to date technologies.

**Contact** Eric Paulsen  
**Phone** 0455 920 888  
**Email** cher.coulter@cemactech.com  
**Website** www.cemactech.com

## EAL-Southern Cross University

Booth 19



Environmental Analysis Laboratory (EAL), Southern Cross University, is an innovative research, teaching and commercial laboratory offering cutting-edge, quality assured, nationally competitive services. Specialising in compost, soil, plant tissue and water testing, EAL provides comprehensive analysis to meet compliance guidelines, to Australian Standards, for composts and landscape soils.

**Contact** Graham Lancaster  
**Phone** 0419 984 088  
**Email** graham.lancaster@scu.edu.au  
**Website** www.scu.edu.au/eal

## Finlay Waste & Recycling

Booth 22, Demonstration Day



Finlay is the authorised Australian distributors for Terex Environmental Equipment. Terex Environmental Equipment (TEE) is an industry leader in the design and manufacture of wood processing, biomass and recycling equipment. TEE's product portfolio includes trommels, horizontal wheeled and tracked grinders, slow speed shredders, recycling screens with Spaleck technology and material handlers.

**Contact** Brad Scott  
**Phone** 0448 510 011  
**Email** bscott@finlay.com.au  
**Website** www.finlay.com.au

## Finlease

Booth 06



For the past 30 years, Finlease has been making life easier for small to medium sized businesses for equipment and vehicle finance in the waste and recycling, earthmoving, excavating sectors and beyond. Financing over \$500M p/a in equipment finance for private business and with a national network of 16 offices, Finlease has a track record of establishing long-term relationships with their clients and spreading their equipment debt requirements over a broad base of competitive underwriting financiers and banks. The key role is one of advocacy, ensuring the client is well represented, the right outcomes are negotiated and clients are assisted through the good and bad times.

**Contact** Jay Martin  
**Phone** 0448 484 987  
**Email** jmartin@finlease.com.au  
**Website** www.finlease.com.au

## FOCUS enviro

Booth 13, Demonstration Day



FOCUS enviro is a specialist provider of environmental equipment for the organics recycling industry. They offer lower-cost tailored solutions, from single equipment supply to complete integrated systems. Selected technologies include shredders, trommel screens, air separators, turners, flip-flow screens, mulch colouring and FOGO systems to create and maximise value in organic recycling.

**Contact** Robbie McKernan  
**Phone** 02 4365 4247  
**Email** info@FOCUSenviro.com.au  
**Website** www.FOCUSenviro.com.au

## GCM Enviro

Booth 12, Demonstration Day



GCM Enviro is a leading distributor for the latest in waste management equipment, from landfill compactors and shredders through to state-of-the-art screeners and compost turners. They offer top quality equipment from world renowned manufacturers including TANA, TERRA SELECT, BACK-HUS and JENZ. Their philosophy is to maintain constant dialogue between manufacturers and clients to ensure that design is governed by market requirements, particularly in the harsh climatic conditions we experience. This is combined with efficient service back-up and approachable personnel and ongoing industry support.

**Contact** Daniel Kastowsky  
**Phone** 02 9457 9399  
**Email** sales@gcmenviro.com.au  
**Website** www.gcmenviro.com

## Hitachi Construction Machinery Australia

Booth 14, Demonstration Day

### HITACHI

#### Reliable solutions

Hitachi Construction Machinery Australia (HCA) delivers machinery sales and support to Australian customers across the mining, construction, quarry, material handling and recycling industries through a wholly owned national branch network and a customer support centre operating 24 hours a day, seven days a week.

**Contact** Matthew McCarthy  
**Phone** 0409 758 524  
**Email** mccarthy@hcma.com.au  
**Website** www.hitachicm.com.au

# EXHIBITOR CATALOGUE

## JCB CEA

Booth 09, Demonstration Day



JCB CEA is a leading distributor for world-renowned capital equipment brands. We have been operating for almost 40 years. Our range of machinery includes backhoe loaders, hydraulic excavators, mini excavators, skid steers, compact track loaders, telehandlers, Fastrac tractors, rough terrain forklifts and wheeled loaders. The trusted relationships that we have built with our customers, employees and communities continue to create shared successes.

**Contact** Tara Stewart  
**Phone** 0408 059 231  
**Email** d.cope@jcbcea.com.au  
**Website** www.jcbcea.com.au

## Liebherr-Australia

Booth 20

# LIEBHERR

Liebherr offers a wide variety of machines and technologies that are custom engineered for material handling applications. These highly specialised machines and solutions for recycling and waste management include wheel loaders, crawler loaders, dozers and a large range of material handlers. Support services are underpinned by a significant parts inventory and distribution infrastructure for all products.

**Phone** 02 9852 1800  
**Email** em-sales.las@liebherr.com  
**Website** www.liebherr.com.au

## JDM Aust

Booth 05, Demonstration Day



JDM Aust Pty Ltd is the Group Company and its core business is recycling and waste equipment. We have successfully sought out some of the most well respected and internationally recognised principals and manufacturers of machinery in the world that are recognised as having a strong commitment to providing solutions to customer needs. JDM Aust Pty Ltd are the exclusive Australian agents for our principal suppliers of recycling and materials handling equipment manufactured in Germany, Austria, Netherlands and USA.

**Contact** Luis Rojas  
**Phone** 0455 045 214  
**Email** luis.rojas@jdmaust.net.au  
**Website** www.jdmaust.net.au

## Lincom Group

Booth 16, Demonstration Day



Lincom Group is a parent company for a specialised range of businesses, supplying the quarry, mining and forestry industries with the sales, service and hire of screening, crushing and recycling equipment.

With operations throughout Australia, New Zealand, Papua New Guinea and the Pacific Islands Lincom Group have been providing industry-leading solutions for more than 25 years.

**Contact** Renata Hjelmstrom  
**Phone** 0406 603 180  
**Email** renatah@lincom.com.au  
**Website** www.lincom.com.au

## Komptech CEA

Booths 03 & 04, Demonstration Day



Komptech CEA is a leading supplier of machinery and systems for the mechanical and mechanical-biological treatment of solid waste and the treatment of biomass as a renewable energy source. With machines covering all steps in modern waste handling – shredding, separation, and biological treatment the key focus is innovative technology and solutions ensuring maximum customer benefit.

**Contact** Craig Cosgrove  
**Phone** 0417 320 082  
**Email** c.cosgrove@cea.net.au  
**Website** www.komptechcea.com.au

## Loadscan

Demonstration Day



For over 20 years, Loadscan's Load Volume Scanner (LVS) has provided detailed insights to optimise production loading and improve operational performance. With accuracy to +/-1% they have set the industry standard for load measurement, and are the only volumetric scanning manufacturer with internationally recognised Weights and Measurement Certifications.

**Contact** Luke Jackman  
**Phone** 0407 854 886  
**Email** luke@loadscan.com  
**Website** www.loadscan.com



## Loop Organics

Booth 11



Loop Organics is passionate about driving sustainability in business. We operate organics recycling facilities in the Hunter Valley and Sydney region, including a purpose-built compost site. Processed materials are used as soil amendments in agricultural and mine rehabilitation, providing valuable nutrients and organic matter. We have committed to achieving #NetZero2030

**Contact** Tracey Storm  
**Phone** 0416 182 370  
**Email** [tracey.storm@looporganics.com.au](mailto:tracey.storm@looporganics.com.au)  
**Website** [www.looporganics.com.au](http://www.looporganics.com.au)

## NALG Australia & HZI Australia

Booth 02



Hitachi Zosen  
INOVA

Australian Family Owned Business with over 35 years of combined experience with our European partners in the field of Agriculture and Organic Waste Composting. We are specialised in: In vessel composting Infrastructure and Technology, Software and Hard ware, development and support, for waste and mushroom composting programs, covered maturation sheds, state of the art in-house manufacturing and testing capabilities.

**Contact** Philip Parekalam  
**Phone** 0414 979 628  
**Email** [philip@nalggroup.com](mailto:philip@nalggroup.com)  
**Website** [www.nalg.com.au](http://www.nalg.com.au)

HZI's Kompogas® process uses continuous anaerobic digestion to recycle biogenic waste, producing natural fertiliser and renewable energy in the form of green power and heat or biogas as the basis for alternative fuels. By recycling organic waste into materials and energy, the process closes the environmental cycle cost-efficiently.

**Contact** Marc Stammbach  
**Phone** 0412832035  
**Email** [marc.stammbach@hz-inova.com](mailto:marc.stammbach@hz-inova.com)  
**Website** [www.hz-inova.com](http://www.hz-inova.com)

## NSW EPA & The Good Dirt

Booth 07



The NSW Environment Protection Authority (EPA) has partnered with WildBlueGlobal for this exhibit to showcase one of the grants under its \$7.5 million Organic Market Development program.

The Good Dirt for Small Farms project (provided by WBG) was supported under Round 2 of the market development grant program. It is an education and awareness raising initiative, targeting small area farmers, highlighting the benefits of compost. It has involved the development of information resources to encourage small area farmers to take up compost and an exhibit displayed at agricultural field days across NSW (COVID permitting).

The EPA is the primary environmental regulator for NSW and protects the community and our environment. It partners with business, government and the community to reduce pollution and waste, protect human health and prevent degradation of the environment.

**Contact** Elisabeth Blik  
**Phone** 0457 121 707  
**Email** [elisabeth@wildblueglobal.com.au](mailto:elisabeth@wildblueglobal.com.au)  
**Website** [www.epa.nsw.gov.au/working-together/grants/organics-infrastructure-fund](http://www.epa.nsw.gov.au/working-together/grants/organics-infrastructure-fund)

## OneTrak

Booth 24



Onetrak is home to large brands within the earthmoving and construction, forestry, material handling and quarry industries. The business now consists of six branches across Australia, head office in Tasmania, 30 field service vehicles and around 100 team members. Onetrak offers new and used machine sales, rental equipment, attachments, service and parts. Onetrak's brands include Anaconda Equipment, Striker Crushing and Screening, Hidromek Construction Equipment, Dressta Dozers, Tigercat Forestry Equipment and Fuchs Material Handlers.

**Contact** Jason MacDonald  
**Phone** 0436 034 552  
**Email** [contact@onetrak.com.au](mailto:contact@onetrak.com.au)  
**Website** [www.onetrak.com.au](http://www.onetrak.com.au)

# EXHIBITOR CATALOGUE

## Pacific Materials Handling

Booth 21, Demonstration Day



Pacific Materials Handling, a 30-year-old business from Warrnambool, Victoria with facilities across Australia. We support, supply and service global leading brands and products that are focussed in the waste, recycling, timber and forestry and ports industries. SENNEBOGEN, with largest range of electric and diesel-powered material handlers, unique 355E Telehandler with elevating cab and 360° all-round-view. Other brands include ROTOBEC.

**Contact** Stephane Honore  
**Phone** 0499 200 244  
**Email** stephane.honore@pacificmh.com.au  
**Website** www.pacificmh.com.au

## SUEZ Recycling & Recovery Australia

Booth 15



### SUEZ DRIVING THE RESOURCE REVOLUTION

For over 100 years, SUEZ has led the way, delivering smart and sustainable resource management solutions for businesses, governments and communities.

Whether it's turning organic waste into compost or treating and re-using wastewater, our experts are embracing the power of innovation to find more sustainable ways of living.

**Contact** Karen Muir  
**Phone** 0409 644 417  
**Email** karen.muir@suez.com  
**Website** www.suez.com

## RDO Equipment

Booth 10, Demonstration Day



RDO Equipment is the official dealer partner for John Deere Construction and Forestry equipment in Australia (excluding WA). RDO and its partner companies Vanderfield and Vermeer Australia operate out of 29 dealerships across the country. The RDO Australia Group proudly employs more than 700 people offering sales, parts and service support to customers across the agricultural, roads, civil construction, landscaping, mining and forestry sectors.

**Contact** Nathan Psaila  
**Phone** 0427 081 209  
**Email** nathan.psaila@rdoequipment.com.au  
**Website** www.rdoequipment.com.au

## Vermeer

Booth 09, Demonstration Day



Vermeer Australia is part of Vermeer Corporation's worldwide dealer network of over 3000 team members. Vermeer Corporation, a manufacturer established in Pella, Iowa, in 1948, is a manufacturer of high-quality construction, surface mining, agricultural and environmental equipment.

Vermeer Australia is also part of the RDO Australia Group – a subsidiary of North Dakota-based RDO Equipment Co. Globally, RDO Equipment Co. is the world's largest John Deere dealer group, with presence in Africa, Australia, Mexico, Russia and Ukraine. Today, RDO Australia Group comprises of three dealer brands; RDO Equipment Australia (John Deere Construction & Forestry equipment), Vanderfield (John Deere Ag & Turf equipment and related agricultural implements), and Vermeer Australia (Vermeer Industrial products).

**Contact** Brittany Stewart  
**Phone** 0437 817 395  
**Email** brittany.stewart@rdoequipment.com.au  
**Website** www.vermeeraustralia.com.au

## SBA - Salmon Buckets and Attachments

Demonstration Day



Renowned throughout Australia as a high quality and innovative manufacturer of buckets, quick hitches and other earthmoving and material handling attachments, the SBA range of attachments are designed to improve on-site productivity, efficiency and safety. Our products have a proven track record and are repeatedly trusted by the world's leading Original Equipment Manufacturers and end users alike. SBA are a 2nd generation Australian owned business with local manufacturing and engineering capability servicing the industry with a national footprint.

**Contact** Stuart Shirvington  
**Phone** 0438 881 100  
**Email** stuart@salmonbuckets.com.au  
**Website** www.salmonbuckets.com.au

# GENERAL INFORMATION

## REGISTRATION DESK

If you are booked in for the Demonstration Day on Tuesday 15<sup>th</sup> of June, please assemble in the foyer of the Crowne Plaza by 10.00am, the first bus will depart at 10.20am sharp.

*All participants are required to wear long pants and enclosed, flat shoes. Hard hats and safety vests will be provided along with lunch and afternoon tea.*

The Registration Desk (located in the O Galleria) will be open between the following hours:

Tuesday 15<sup>th</sup> June  
5:30pm - 7:00pm

Wednesday 16<sup>th</sup> June  
8:00am - 3:30pm

Thursday 17<sup>th</sup> June  
8:00am - 1:30pm

## Dress Code



The dress standard for the event is business/smart casual including sessions and evening functions.

## Name Badges



Your name badge is your entry pass for all conference sessions and social functions. To save time please wear your name badge whenever you are in the Crowne Plaza Conference and Events Centre.

## Conference Papers



The Conference papers will be available within two weeks of the event. Attendees will be sent an email with a link and password as soon as they are available.

## Mobile Phones



It is requested that mobile telephones be turned off or switched to 'silent' during all Conference sessions.

## Parking



The Crowne Plaza Hunter Valley offers complimentary outdoor/open air parking for delegates and exhibitors. There are a number of designated parking areas located throughout the resort and spaces are on a first come first serve basis. Vehicles left onsite are at owner's risk.

## Internet Access



For complimentary WiFi access in the Crowne Plaza Hunter Valley please use these login details - Network: Crowne Plaza, Code: crowne

## COVID-Safe



AORA is taking appropriate precautions to ensure we provide a safe environment for participants to connect at the AORA 2021 Annual Conference.

We are following all of the NSW Health Guidelines and know that you will understand that there are some conditions of entry. These include signing in, sanitising your hands and avoiding handshakes and hugs. These conditions may cause some inconvenience, and we thank you for your understanding.

Strict hygiene measures and changes to capacity are there to ensure the health and safety of everyone.

We ask that you use common sense when attending. Please ensure that you're feeling well and maintaining social distancing measures when onsite.

## Dietary Requirements



Any delegate who has advised they have special dietary requirements should identify themselves to Crowne Plaza Hunter Valley Staff and will be advised of ingredients in the lunch items suitable to your diet.

If you are unsure if you have included any requirements on your registration form, please email our office at [conference@aura.org.au](mailto:conference@aura.org.au) as soon as possible. Whilst we will make every effort to accommodate any last minute needs, we cannot guarantee them at this late stage.

## Need Assistance During the Conference?



Please visit the registration desk for assistance during the Conference. If the registration desk is not open, please phone 1300 421 065.

## Disclaimer



Every effort has been made to present all the information contained in this brochure as accurately as possible. The organisers reserve the right to change, without notice, any or all of these details.

## Privacy



In registering for this event, relevant details may be incorporated into a delegate list for the benefit of all attendees (name, organisation and title) and may be made available to parties directly related to the event including AORA and sponsors (subject to conditions). If you do not wish to be included in the delegate list, please email [conference@aura.org.au](mailto:conference@aura.org.au).

## Photography/Recording



By registering for the AORA 2021 Annual Conference, you consent and grant permission to AORA, its agents and others working under its authority, to take and to have full and free use of video/photographs containing your image/likeness. These images and recordings may be used for promotional, news, online/multimedia, research and/or educational purposes by and for AORA. Copies of the event photographs will be made available to the attendees after the event.

## Contact



If you have any questions about the event, please contact the Conference Secretariat:

rEvolvE Services  
T: 1300 421 065  
E: [conference@aura.org.au](mailto:conference@aura.org.au)





T: 0434 625 472

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