



AORA 2023

Australian Organics Recycling Association
ANNUAL CONFERENCE

7 - 9 June 2023

Pullman Albert Park, Melbourne

*Working together for
a better future*

CONFERENCE PROGRAM

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Sustainability Victoria has an extensive library of campaign materials to support the successful introduction and use of a food and garden organics bin.

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campaigns.sustainability.vic.gov.au/asset-library



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to find out more.

Sustainability Victoria is providing the use of illustrations, messaging and materials to Victorian councils, alpine resorts, waste and recycling industry bodies and associated organisations for the purpose of supporting the Small Acts, Big Impact campaign in Victoria.

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THANK YOU TO OUR 2023 CONFERENCE SPONSORS



AORA NATIONAL SPONSORS

PLATINUM PLUS



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FOUNDING MEMBERS



RESEARCH PARTNERS



MEDIA PARTNERS



WELCOME

On behalf of the AORA Board of Directors and 2023 Organising Committee, I take great pleasure in welcoming you to the AORA 2023 Annual Conference – Working together for a better future.

With the sector growing at more than double the rate of population growth for more than a decade, the organics recovery and processing industry provides Australia with the means to achieve national and state objectives for waste reduction, recycling and landfill diversion whilst also playing a critical role in the improvement of soil health, carbon sequestration, and climate change mitigation.

Boasting significant economic benefit multipliers locally and nationally, organics recycling in Australia has consistently delivered on its promise. It has become an exemplar of the circular economy achieving highly beneficial results in a relatively short time frame.

This year's conference will explore the importance of developing the industry further. It will also consider the commercial and environmental opportunities that can be achieved by unlocking the considerable potential of the recycled organics end-use market.

Delegates will hear from some of Australia's most prominent industry experts, as they share their expertise, demonstrate their equipment and technology and showcase their innovative ideas.

I would like to extend a special welcome to our keynote speakers - The Hon. Penny Wensley, Frank Franciosi and Lawrence di Bella. I would also like to thank the members of the organising committee, all of the presenters and our sponsors and partners whose generous support is essential to the success of this event.

I look forward to meeting and engaging with as many of you as possible over the next few days.



Kurt Palmer
AORA 2023 Conference Chair

DELIVERING A GREENER FUTURE

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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

W: www.aora.org.au

P: PO Box 585, Hove SA 5048

ABOUT 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

- Kurt Palmer, CEMAC Technologies (Chair)
- Andrew Dougall, Sustainability Victoria
- Brad Scott, Finlay Waste and Recycling
- Deon Cope, Komptech CEA
- Marcus Geisler, Eastern Metropolitan Regional Council
- Sage Hahn, Biogro
- Simon Humphris, Environmental Resource Solutions
- Dr Maryam Esfandbod, CSIRO
- Mick Yarra, Bega Valley Shire Council
- Veronica Dullens, rEvolve Services
- John McKew, Australian Organics Recycling Association
- Alex Hammett, Australian Organics Recycling Association
- Doug Wilson, Australian Organics Recycling Association

VENUE

Pullman Albert Park

65 Queens Rd, Albert Park VIC 3004

Located near St Kilda and the Chapel Street precincts, the Pullman & Mercure Melbourne Albert Park is an upscale hotel overlooking picturesque Albert Park Lake, home to the Formula 1 Australian Grand Prix. From here, it's just moments to the top tourist attractions and activities in Melbourne.

Take advantage of Melbourne accommodation that's popular amongst both business and leisure travellers.

Located only three kilometres from the heart of the city and 26 kilometres from the Melbourne Airport, Albert Park is within an easy reach of many of Melbourne's top attractions.

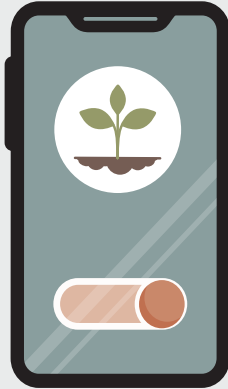
CONFERENCE APP

The conference app includes the conference program, information about speakers, sponsors and exhibitors as well as the attendee list. The online Q&A tool can also be accessed through the App.

The app works on both Android and iOS devices. Download the "conf.app" app on the App Store or Play Store and use the QR Code or link below.

The event access code is **AORA23**.

<https://conf.app/event/69d7bed6-ab6c-494a-afd5-63e0230283ae>



NEW THIS YEAR! LATE NIGHT NETWORKING LOUNGE

Continue networking after the social functions on Wednesday 7th and Thursday 8th June in the exclusive AORA Late Night Networking Lounge*.

Sponsored by:



Date & Times: Wednesday 7 June 2023
8:00pm - 12:00pm

&

Thursday 8 June 2023
10:30pm - 1:30am (Friday)

Venue: Element Room (Ground Floor)

Dress: Casual

*Cash bar or bar tabs available.

SAVE THE DATE

**AUSTRALIA'S PREMIER
RECYCLED ORGANICS CONFERENCE
IS HEADING BACK TO
THE SUNSHINE STATE!**



AORA 2024

Australian Organics
Recycling Association
ANNUAL CONFERENCE

5 - 7 June 2024
Sea World Conference
Centre, Gold Coast

www.aoraconference.com.au



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

MAJOR SPONSOR

SUSTAINABILITY VICTORIA



Sustainability Victoria (SV) is a statutory authority with a board appointed by the Minister for Environment.

SV's purpose is to accelerate Victoria's transition to a circular, climate resilient clean economy – contributing to achieving the Government's targets for 2025 and 2030 as set out in the Recycling Victoria policy and the Climate Change Strategy.

SV's ambition is to develop and deliver fit-for-purpose high impact solutions to challenges posed by our complex and rapidly changing environment.

We do this in partnership with our stakeholders in industry, business, entrepreneurs, research institutions, schools, households, individuals, community groups and governments within Victoria and across Australia

sustainability.vic.gov.au

CONFERENCE DINNER SPONSOR

HITACHI



Hitachi Construction Machinery (Australia) Pty. Ltd. (HCA) is a subsidiary of Hitachi Construction Machinery Co., Ltd. (Japan) and part of the global and diversified Hitachi Ltd group. HCA is the exclusive distributor of Hitachi and Bell products in Australia.

Hitachi is committed to a more sustainable society as well as, delivering machinery sales and support to Australian customers across the mining, construction, quarry, material handling and waste / recycling industries.

As part of a global network and with 24 wholly-owned national branch networks, HCA is in a strong position to meet customer needs 24 hours a day, 7 days a week.

hitachicm.com.au

BARISTA SPONSOR

VAN SCHAIK'S BIO GRO



Van Schaik's Bio Gro is a family-owned Australian business operating organic receive and composting facilities in South Australia and Victoria. Their manufacturing and quality control processes enable the diversion of organic material from landfill and the creation of a range of quality products for the horticulture, viticulture, agriculture and landscape markets.

biogro.com.au

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WELCOME FUNCTION SPONSOR
KOMPTECH CEA



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.

komptechcea.com.au

AORA PLATINUM PLUS SPONSOR
DEMO DAY SPONSOR
FOCUS ENVIRO



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

By understanding and matching application requirements to the client's specific needs they offer a range of value for money and tailored options to deliver efficiency and build customer profitability.

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

focusenviro.com.au

LATE NIGHT NETWORKING SPONSOR
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Recovery of organic material (via diversion) from landfill

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THANK YOU TO OUR SPONSORS

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

LANYARDS SPONSOR

AGSIGHT



AgSight specializes in technology and research for agriculture in Australia.

Our primary technology is the SOLVITA™ range of compost and soil microbial activity tests. Solvita tests can help industries use recycled organic products to regenerate a healthy soil.

AgSight recognizes the importance of the AORA conference in achieving this goal.

agsight.com.au

DEMO DAY HOST

REPURPOSE IT



Repurpose It are industry leaders in making high-quality repurposed materials. They recover resources and turn them into a wide range of construction and landscaping products, including sand, soil, mulch, bark, and soil amendments.

They have multiple EPA licences for various waste streams and a mission to eliminate waste and pollution through closed-loop resource recovery.

repurposeit.com.au

SESSION SPONSOR

RMCG



RMCG is a multi-disciplinary consultancy specialising in environment, agriculture and communities providing advice to government agencies, water utilities and private sector clients. RMCG considers organic and recoverable materials as resources and develops processes and reuse schemes that integrate circular management principles including designing out waste.

rmcg.com.au

SESSION SPONSOR

GIPPSLAND WATER



Gippsland Regional Organics is an EPA-licensed waste treatment and composting facility owned by Gippsland Water, located in Dutson Downs.

Each year they accept up to 250,000 tonnes of waste and manufacture approximately 60,000 tonnes of compost certified to Australian standards – reducing the amount of waste going to landfill.

gippswater.com.au

WATER BOTTLES SPONSOR

LMS ENERGY



With four decades' experience, LMS Energy is Australia's leading methane abatement and bioenergy company and one of the country's largest emissions reducers. LMS owns and operates more than 60 biogas projects across Australia, New Zealand and the United States that generate enough bioenergy to power 100,000 homes. LMS recently acquired Helmont Energy, a pioneering anaerobic digestion from agricultural waste company. Together, the companies are leveraging their expertise to decarbonise the Australian economy and make a material contribution to Australia's journey to net zero.

lms.com.au

CATERING SPONSOR

CONFOIL



DualPakECO® trays are made in Australia by Confoil using compostable ecovio® biopolymer coating by BASF.

The coating is food contact safe and has barrier qualities against liquids and oils.

The certified compostable trays can be frozen or refrigerated and are microwave safe and ovenable for 40 minutes, up to 180 degrees.

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products conform to
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and
AS 5810-2010



www.bioplastics.org.au

- ✓ Product verification confirms compliance with AS 4736 or AS 5810
- ✓ Compliance verified via independent audit
- ✓ Easy to recognise logos with searchable 'ABAX' number



AS 4736-2006
suitable for composting and other microbial treatment:

- ✓ Easily identify certified compostable products with the 'seedling' logo
- ✓ Compost with confidence knowing certified compostables are suitable for commercial composting systems



AS 5810-2010
suitable for home composting:

- ✓ Easily identify certified compostable products with the 'compost bin' logo
- ✓ Support and encourage well managed home composting with easy to spot logos

DEMONSTRATION DAY

Wednesday 7th June 2023

SEE EQUIPMENT IN ACTION AT THE AORA DEMONSTRATION DAY

The AORA Demo Day is proudly sponsored by:



See grinders, screens, loaders 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.

Timetable*

0830	Registration (Foyer of Pullman Albert Park)
0915	Bus 1 Departs Pullman Albert Park
0920	Bus 2 Departs Pullman Albert Park
0930	Bus 3 Departs Pullman Albert Park
1030	All attendees onsite
1030	Introductions, safety and housekeeping Demo Day Sponsor Welcome - FOCUS enviro Demo Day Host Welcome - RepurposelT
1100	Demonstrations & Static Displays <ul style="list-style-type: none">• FOCUS enviro• Hitachi• Komptech CEA & JCB CEA• Barker Trailers• Terra Nova Ag
1230	Break for Lunch
1300	Demonstrations & Static Displays <ul style="list-style-type: none">• RDO Vermeer• Wastech• SKALA• LiuGong• EcoDynamics• Finlay• Ontrak
1430	Opportunity to view equipment and meet with suppliers
1500	Bus 1 Returns to Pullman Albert Park
1515	Bus 2 Returns to Pullman Albert Park
1530	Bus 3 Returns to Pullman Albert Park
1615	All attendees arrive at Pullman Albert Park
1800	Networking Function

*Note: Schedule is subject to change



Equipment on display

Company	Machine
FOCUS enviro	UNTHA XR3000C Shredder
	Tiger H20 Depackager [STATIC]
	Edge VS420 Shredder [STATIC]
	Edge MC1400 Windshifter [STATIC]
Barker Trailers	Moving Floor, 45' Wedge, Chip Bin [STATIC]
CJD Equipment	Volvo EC220E Excavator
	Volvo L150H Wheel Loader
EcoDynamics	Express Blower TM-45
	CAS ST-20 Slinger
Finlay	Terex Ecotec TRS550 Spaleck Screen
	Terex Ecotec TDS 825 Slow Speed Shredder [STATIC]
	Terex Finlay TC-80 Tracked Stockpiler [STATIC]
Hitachi	Hitachi ZW220-7 Wheel Loader
Komptech CEA	Komptech Crambo 5200 Dual Shaft Shredder
	Komptech Terminator 6000S Single Shaft Shredder [STATIC]
	Komptech Multistart XXL2 Star Screen [STATIC]
	Komptech X5000 Topturn [STATIC]
	Rowan Dominator Food Depackager [STATIC]
JCB 455ZX Wheel Loader	
LiuGong	LiuGong 856HE MAX Electric Wheel Loader
Ontrak	Anaconda TD516R Trommel
	Hidromek HMK230LC Excavator
RDO Equipment	Vermeer HG6000TX Horizontal Grinder
	John Deere E260LC Hydraulic Excavator
SKALA	Terra Select T60 Trommel Screen
	Backhus A50 Windrow Turner [STATIC]
Terra Nova	Terra Nova Ag 4m Sub Soil Ameliorating Machine - Compost [STATIC]
Wastech Engineering	McCloskey ES-250 Shredder

SOCIAL FUNCTIONS

Networking Function

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

Sponsored by:



Date: Wednesday 7 June 2023

Time: 6:00 - 8:00pm

Venue: Trade Exhibition Area

Dress: Casual

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.

Sponsored by:



Date: Thursday 8 June 2023

Time: Pre-dinner drinks will be served in the exhibition area from 6:30pm
Dinner - 7:00pm - 10:30pm

Venue: Grand Rooms 5 & 6, Pullman Albert Park

Dress: Business / Smart Casual

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PROGRAM

Thursday 8th June 2023

0800 Registration, tea and coffee

OPENING PLENARY

0830 Welcome and housekeeping
John McKew, NEO - Australian Organics Recycling Association

0840 Official welcome
Peter Wadewitz OAM, Chair - Australian Organics Recycling Association

0850 Opening address
Ms Nina Taylor MP, Member for Albert Park

0900 **INTERNATIONAL KEYNOTE: Creating resources to grow composting infrastructure in the US**
Frank Franciosi, Executive Director, US Composting Council & Compost Research & Education Foundation
There are many obstacles to increase composting infrastructure in the US. Inconsistencies in site zoning and state permitting, the lack of operator training and certification, poor consumer awareness, and no federal funding for new facility construction. Over the past seven years the USCC has taken a strategic approach to providing resources to overcome these obstacles. Taking these on one-by-one and providing the tools for our members to expand their existing capacities and find new opportunities for growth. In this session you will learn about how these resources were developed and how they may be applied in your organisation.

0930 **KEYNOTE PRESENTATION: Harnessing the co-benefits of composting**
The Hon. Penny Wensley, National Soils Advocate
Organic waste recycling is a well-established industry, obviously growing in importance - What are the opportunities for building it further and lifting its profile? Paying greater attention to co-benefits could be one way forward, looking beyond urban settings.

1000 Questions and discussion

1030 Morning tea break

THE FUTURE OF FOOD WASTE

1100 **Food Waste: Why it's everyone's business**
Petah Rhynehart, Dept of Climate Change, Energy, the Environment and Water
This presentation will discuss Australian Government interventions to support food waste avoidance, and support for the organic recycling industry for the production of high quality recycled organic products. Whether we avoid, create, process, or need it as nutrients and carbon input to grow plants or the food we eat tomorrow.

1120 **Are we good to go with FOGO? Victoria is setting the standard for better recycling at home**
Lorna Mathieson & Jennifer Anne, Department of Energy, Environment and Climate Action
This presentation is about the development of mandatory service standards under the Circular Economy (Waste Reduction and Recycling) Act 2021 and using this regulatory framework to drive consistent and high-quality delivery of household waste and recycling services (including FOGO) by councils and alpine resorts across Victoria.

1140 **Packaging without Packaging - What does that mean?**
Michael Dosser, Result Group
EcoMark Natural Branding, an innovative non-contact and safe labeling technology, creates an image using a high-resolution laser to remove colour from the outer layer of a fruit or vegetable. It acts as a tattoo on a variety of goods, eliminating the need for stickers and making plastic-free packaging a reality.

1200 Questions and discussion

1230 Lunch

PANEL: A COMMON VISION

1330 This panel session will explore the synergies and differences in State Government visions, strategies and policies for the organics industry across Australia.

Panelists include:

- **The Hon. Pam Allan**, Tasmanian Waste and Resource Recovery Board
- **Mark Bannister**, EPA Victoria
- **Cara McNicol**, Qld Dept of Environment and Science
- **Amanda Kane**, NSW EPA
- **Steven Sergi**, EPA South Australia
- **Scott McKenzie**, WA Dept of Water and Environmental Regulation

1500 Afternoon tea break

BEYOND THE CHALLENGES

1530 **The future of PFAS management in the recycled organics industry**
Dr Matthew Askeland, ADE Consulting Group
A step-by-step overview of PFAS in organics and the current state of knowledge, what this will likely mean for compliance and what the tools of the present and future look like to reduce the risks of PFAS in the future.

1550 **Plugging the Gaps - Improving the understanding of odour in composting design**
Shaun Rainford, Arup & **Matthew Leyton**, Dulverton Waste Management
This paper considers the benefits of advanced odour modelling and how this can influence facility design particularly for organics and FOGO treatment facilities. It will discuss the specific considerations of the Dulverton Organics Facility, its history, and learnings along the pathway to construction.

1610 **Preparing for the Next Wave of Source Separated Organics**
Charlie Emery, SOILCO
SOILCO's Tweed OPF is the first functional piece of a new SEQ/Northern Rivers facility network. In late 2022 SOILCO secured two new greenfield sites in SEQ: a 6ha site in Pinkenba and a 160ha site in Bromelton. This presentation provides an update on the regional strategy, engagement activities and approvals progress for the network.

1630 Questions and discussion

1700 Close Day 2

1900 Conference Dinner (Pre-dinner drinks served from 1830)

Friday 9th June 2023

0800 Registration, refreshments, tea and coffee

GROWING MARKETS

0830 KEYNOTE PRESENTATION: Seizing the Opportunity - Learnings from the sugarcane industry
Lawrence Di Bella, Herbert Cane Productivity Services Limited & Di Bella Produce and Farming

Among the waste streams produced by sugar mills is mill mud and mill ash. This organic waste can be used by the farm production sector as soil amendments and nutrient sources. Mill mud and ash increase cane yields, but nutrients from these by-products must be managed.

0900 How to make excellent decisions that grow recycled organics markets
Andrew Dougall, Sustainability Victoria

Do you know something to be true but cannot measure it? Are you seeking to grow an agricultural market but don't know where to start? This presentation will describe how Sustainability Victoria used the CSIRO ADOPT tool to make evidence-based, informed decisions that help evaluate and grow recycled organics markets.

0920 Subsoil amelioration using compost in Australian cropping and pasture systems
Bill Grant, Federation University

An overview of work Federation University is doing on the use of compost products to recondition constrained subsoils soils. It will focus on work being undertaken near Elmore and Bairnsdale in Victoria and will also provide an overview of research into the agronomic and market potential of the use of composts in subsoiling in Australia.

0940 Just measure soil microbial activity
Dr Stephen Ockerby, Agsight

Soil health is becoming mainstream news as more people recognize that there is life in those fields. And the news is coming thick and fast. New understanding of the way organic carbon is processed and stored in soils gives us scope for upscaling the value of compost products.

1000 Questions and discussion

1030 Morning tea break

PROCESS REFINING

1100 Building Geelong City's cloud-based compost operations manager from scratch
Andrew Lucas, City of Greater Geelong & **Patrick Blampied**, Sequence Digital

Over four years of development and evolution, an innovative cloud-based compost operations system was developed based on the operations of the City of Greater Geelong's Green Waste Processing Facility that opened in 2019. Additionally, the addition of IoT devices and automated temperature monitoring will be discussed.

1120 Best practice environmental regulation of organics recycling in Australia
Ben Carr, Carr Enviro

This paper will analyse and identify the key features of best practice regulation. Regulation will improve when regulators advise recyclers on what to achieve rather than telling them what they must do. Better practice regulation will lead to better practice organics recycling.

1140 Localised Organics Treatment - The benefits of local AD in regional areas
Luke Brennan, Gaia EnviroTech

This session will explore the benefits of a de-centralised organics waste treatment model, and how local solutions can support regional communities in their journey to net zero.

1200 Wurzer Umwelt GmbH, a leading compost producer in Germany. Best practice impurity removal from compost
Johannes Schlosser Wurzer Umwelt

Wurzer Umwelt GmbH is a family-run, modern waste disposal and environmental services company. Over the years, Wurzer Umwelt has continued to optimise its composting process. Especially the subject of contaminants has been constantly developed in order to always guarantee the highest quality of compost.

1220 Questions and discussion

1300 Lunch

LOOKING AHEAD

1400 Where Does it Go? How we recover resources and give them new life
George Hatzimanolis, RepurposeIT

A closed-loop solution is fundamental to transition Australia to a circular economy. We need to challenge the industry, community, and government to consider all waste as a resource. Repurpose It has created a video series to help educate the community on the importance of the circular economy and the impact on environment.

1420 Certified compostable ecovio® contributing to a more circular economy
Rowan Williams, BASF Australia

BASF will present the benefits of certified compostable ecovio® for food packaging applications aiding source separated collections in FOGO and the beneficial use of certified soil biodegradable agricultural mulch films made from ecovio® for sustainable agriculture, without microplastics and how these applications contribute to a more circular economy.

1440 Recycle Mate - A shared education platform to combat contamination in FOGO
Lara Barclay, Adaptation Environmental Support

Recycle Mate is revolutionising resource recovery education to the Australian community. The national collaboration is empowering Australians to reduce contamination in kerbside recycling and organics bins and divert valuable resources to the highest value recovery options. Twelve months after the national roll out there are already many learnings to share.

1500 Can the organics recycling industry solve the plastics crisis?
Matt Kendall, Phantm

This presentation will explore the potential of the emerging natural materials industry, and the importance of closing the loop for the end-of-life for these materials. It will feature an overview of Phantm's composting pilot and a discussion about how the organics recycling industry could help solve the plastics crisis.

1520 Questions and discussion

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

1600 Conference Close

KEYNOTE SPEAKERS

FRANK FRANCIOSI

Executive Director, US Composting Council & Compost Research & Education Foundation



Frank Franciosi is currently the Executive Director of both the US Composting Council and the Compost Research & Education Foundation. He has over 30-years experience in residuals management and composting operations management, sales, and marketing.

Over the course of his career, Frank has facilitated the turnkey start-up of award-winning composting facilities from conception to feasibility and operations, overseeing permitting, equipment selection, hiring, and training of personnel, and developing and executing product marketing plans. He has also consulted on a diverse range of composting projects, including animal waste management, biosolids management, coal ash residuals, industrial residuals, product development and marketing.

THE HON. PENELOPE WENSLEY

National Soils Advocate & Patron of the Australian Organics Recycling Association



Former Governor of Queensland and distinguished Australian diplomat, the Honourable Penelope Wensley AC, has a long-held interest and substantial experience in natural resource management, environmental and sustainable development matters, and in Australia's response to national and global challenges in these areas. Ms Wensley was a key contributor to the negotiation of several landmark international treaties to address environmental challenges through the United Nations. Currently, Ms Wensley holds a number of high-level roles concerning sustainability, including as National Soils Advocate.

LAWRENCE DI BELLA

Company Manager, Herbert Cane Productivity Services Limited (HCPSSL) & Owner, Di Bella Produce and Farming



Lawrence has been involved with the Australian sugarcane and other agricultural industries for over 30 years. During his employment he has worked in the fields of farm management, plant breeding, agronomy, natural resource management and extension. During his working career Lawrence has had the opportunity to review sugarcane and agricultural operations in PNG, South Africa, Swaziland, the USA, Brazil, Italy, Switzerland and Kyrgyzstan.

At HCPSSL, Lawrence manages a team of 15 who work on a range of industry services and extension programs. His family business, Di Bella Produce and Farming, specialises in sugarcane, sweet potato, pumpkin, melon production, cover crop, pasture and vegetable seed sales.

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'.

EXHIBITOR CATALOGUE

Australian Organics Recycling Association

Booth 28



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 Alex Hammett
Phone 0434 625 472
Email alex@aora.org.au
Website www.aora.org.au

Australasian Waste & Recycling Expo

Booth 29



AWRE returns to the ICC Sydney this 26-27 July 2023 with an extensive exhibition floor full of the latest innovations and solutions in waste, recycling and resource recovery. Offering a jam-packed agenda filled with a range of important education and networking events, AWRE is where the industry comes together to join forces towards a cleaner, more sustainable future.

Contact Sofie Teh
Phone 02 9275 9213
Email steh@divcom.net.au
Website www.awre.com.au

Barker Trailers

Demonstration Day



Established in Woodend, in 1974, Barker Trailers is a proud Victorian based family business of nearly 50 years, crafting high quality trailers matched directly to customer requirements as the foundations of the company's continued success.

Our loyal client base is proud to support Australian made, locally manufactured trailers, with no compromise to strength, durability, or quality.

Contact Peter O'Malley
Phone 0409 479 570
Email peter@barkertrailers.com.au
Website www.barkertrailers.com.au

REPURPOSE IT.
**WE RECOVER RESOURCES
 AND GIVE THEM NEW LIFE**

Repurpose It are industry leaders in making high-quality repurposed materials. We recover resources and turn them into a wide range of construction and landscaping products, including sand, soil, mulch, bark, and soil amendments.

We have multiple EPA licences for various waste streams and a mission to eliminate waste and pollution through closed-loop resource recovery.

(03) 9408 0277
info@repurposeit.com.au
 Scan the QR below to find us online!

CEMAC Technologies

Booth 13



CEMAC technologies offers a high level of engineering experience and proven technologies for the Circular Economy. With focus on material resources, we offer over two decades of experience in Resource-Recovery, Plant Engineering and Equipment Design. Creating value for businesses and communities, we tailor cutting edge solutions incorporating the most up to date technologies.

Contact Kurt Palmer
Phone 0491 758 290
Email kurt.palmer@cemactech.com
Website www.cemactech.com

EXHIBITOR CATALOGUE

CJD Equipment

Demonstration Day



Founded in 1974, CJD Equipment is a privately owned Australian company. Our core business involves the national distribution of construction equipment and trucks. The CJD product portfolio consists of world-class brands such as Volvo, SDLG, Kenworth, DAF, Isuzu, and Fuso. Our network of dealers and service centres stretches across the nation, from Australian capital cities to regional country towns and mining centres.

Contact Matthew Kozole
Phone 0429 443 770
Email mkozole@cjd.com.au
Website www.cjd.com.au

Confoil

Booth 17



Established in 1966, Confoil is a 100% family-owned Australian food packaging manufacturer. Our humble beginnings commenced as we embarked on the design and manufacture of foil and paperboard containers. Our range now consisting of more than 450 food packaging products. We supply a variety of customers, from caterers to food manufacturers. Our head office and manufacturing facility is located in Bayswater, Melbourne.

Contact Scott Henschke
Phone 0413 435 312
Email scotth@confoil.com.au
Website www.confoil.com.au

EAL-Southern Cross University

Booth 23



EAL – Environmental Analysis Laboratory – Southern Cross University, is an innovative research, teaching and commercial laboratory offering cutting-edge, quality assured competitive services nationally and internationally. Specialising in water, plant tissue, compost and soil testing. EAL provides comprehensive analysis to support important decisions in organic and biological farming as well as meeting compliance guidelines with Australian Standards for composts and landscape soils.

Contact Brian Smith
Phone 0437 016 091
Email brian.smith@scu.edu.au
Website www.scu.edu.au

EcoDynamics

Demonstration Day



Ecodynamics is the longest operating blower truck service provider in Victoria. Ecodynamics can supply and install a variety of soil, mulch and aggregate products to your project. Whether high up into multi storey inner city developments, hard to access sites or where you want a quick, professional and clean solution delivered exactly where you want it. Our fleet includes Slingers and Hydroseeders so there is no job too big or complex that our solutions can't help you deliver your project quickly, effectively and efficiently.

Contact Jason Davenport
Phone 0478 820 323
Email jason.davenport@ecodynamics.com.au
Website www.ecodynamics.com.au

Finlay Waste and Recycling

Booth 21, Demonstration Day



Finlay is a specialist provider of crushing, screening, and processing equipment for the mining, quarrying and waste recycling industries. Finlay are the exclusive dealers in QLD, NSW, VIC, SA, ACT, TAS and PNG for Terex Finlay, Terex Ecotec and Terex Recycling Systems.

Contact Bethanie Burrows
Phone 07 3888 1777
Email reception@finlay.com.au
Website www.finlay.com.au

Fire Protection Technologies

Booth 22



Fire Protection Technologies is a specialist fire protection company focused on the protection of unique and special hazard applications and fire risks. With our extensive expertise in providing design and engineering solutions we strive to provide the right solution for any given hazard.

Contact Chris Trapnell
Phone 0433 294 810
Email chris@fire-protection.com.au
Website www.fire-protection.com.au

FOCUS enviro

Booths 1 & 2, 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 Ryan McParland
Phone 0416 827 056
Email ryan@FOCUSenviro.com.au
Website www.FOCUSenviro.com.au

Gore Cover | Sustainable Generation

Booth 12



Sustainable Generation offers advanced, encapsulated composting technology using the Gore Cover, a highly engineered semi-permeable membrane that has proven, exceptional performance in reducing odour volatiles and GHG emissions and providing clear separation of site stormwater from process water. This technology is characterised by lowest total cost of ownership and ease of operation.

Contact Geoff Hemm
Phone 0403 363 289
Email geoffhemm.australis@gmail.com
Website www.sustainable-generation.com

Hitachi Construction Machinery

Booth 21, Demonstration Day



Hitachi Construction Machinery (Australia) Pty. Ltd. (HCA) is a subsidiary of Hitachi Construction Machinery Co., Ltd. (Japan) and part of the global and diversified Hitachi Ltd group. HCA is the exclusive distributor of Hitachi and Bell products in Australia. As part of a global network and with 24 wholly-owned national branch networks, HCA is in a strong position to meet customer needs 24 hours a day, 7 days a week.

Contact Clara Faddoul
Phone 02 9780 6948
Email faddoul@hcma.com.au
Website www.hitachicm.com.au

CONFOIL

DUALPAKECO CERTIFIED COMPOSTABLE FOOD TRAYS

Table to tomato

DualPakECO® food trays are made in Australia with certified compostable ecovio® by BASF. Visit confoil.com.au

DualPakECO
Packaging with Purpose

Komptech CEA

Booths 1 & 2, 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. The Komptech product range includes over 30 different types of machines that cover all key process steps in modern waste handling – shredding, separation, and biological treatment. The focus is always on innovative technology and solutions that ensure maximum customer benefit.

Contact Deon Cope
Phone 0408 059 231
Email marketadmin@cea.net.au
Website www.komptechcea.com.au

EXHIBITOR CATALOGUE

Lincom Group

Booths 20



Lincom Group is an Australian-owned family business based in Southern Queensland with service branches and warehouses across Australia. For over 25 years, Lincom Group has been providing the best-in-class material processing equipment to the quarry, mining, recycling, and forestry industries.

Lincom Group also offers tailored solutions for customers and provides hire, service support and spare parts.

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

LiuGong Australia

Booth 6, Demonstration Day



LiuGong Australia delivers high customer satisfaction with our uncomplicated machinery and fast, reliable service. Perfect for Australia's tough conditions, our equipment reduces costs, increases productivity and maximises profits.

We work with our customers to create mutual success and long-term partnerships.

Contact Shannon Bethe
Phone 0426 733 398
Email shannon.bethe@liugong.com.au
Website www.liugongaustralia.com.au

NALG Envirotech

Booths 19



NALG design's, builds, commissions & maintains self-sufficient organic waste recycling facilities that are tailored to the specific needs of our clients. We ensure that the facilities we build are equipped with state-of-the-art technology and processes, that maximise resource recovery and minimise waste generation. Our facilities are designed to be self-sufficient, meaning that they can produce their own energy and water, reducing their reliance on external resources and we are a carbon neutral business.

Contact Philip Parekalam
Phone 0414 979 628
Email philip@nalg.com.au
Website www.nalg.com.au

OneTrak

Booth 18, Demonstration Day



OneTrak is a supplier of quality material handling, construction, forestry and crushing & screening equipment. Brands include Anaconda, Hidromek, Striker, Dressta, Tigercat and Terex Fuchs.

Phone 1300 727 520
Email contact@onetrak.com.au
Website www.onetrak.com.au

Orez

Booth 10



Orez partners with global leaders in waste management technology and manufacturing to combine personalised in-house expertise with a hands-on approach to offer a one-stop solution for organisations looking to improve diversion from landfill and achieve their sustainability goals.

Contact Sean Galdermans
Phone 0451 907 901
Email s.galdermans@cea.net.au
Website www.orez.com.au

Premier Tech Systems and Automation

Booth 3



Premier Tech with its brand "Slootweg" is an international leader in delivering complete mixing lines and complete screening lines. We provide turn-key projects for a wide variety of products in the substrates and wood-processing markets. Our complete lines include hoppers, dosing systems, grinding machines, mixers, screening equipment, conveyors as well as baggers, balers, palletizers and hooders.

Contact Sam LiRosi
Phone 0409 237 214
Email lirs@premiertech.com
Website www.ptsystemsautomation.com

RDO Equipment

Booth 14, Demonstration Day



Today, RDO Equipment is one of the world's most trusted John Deere and Vermeer equipment dealers and sells and supports John Deere Construction & Forestry, and Agricultural & Turf machinery, as well as the full range of Vermeer equipment. RDO proudly employs over 850 staff and operates out of 29 dealership locations in metro and regional Australia, providing parts and service support for the agricultural, roads, construction, environmental, landscaping, mining, and forestry sectors.

Contact Alex Koorey
Phone 0455 160 833
Email alex.koorey@rdo.com.au
Website www.rdoequipment.com.au

SKALA Australasia

Booth 25, Demonstration Day



Since 2012, SKALA is a leading equipment and technology provider to the recycling industry, offering mobile and stationary solutions for organics processing. Representing the Eggersmann portfolio of brands throughout Australia including Backhus Windrow Turners, Terra Select Screens & Windsifters, Eggersmann Shredders, Convaero compost membrane systems, IVC tunnels and BEKON dry anaerobic digestion systems.

Contact Simon Toal
Phone 0411 277 730
Email simon@skala.com.au
Website www.skala.com.au

STEINERT Australia

Booth 24



STEINERT sorting solutions provide the right technology for every requirement in separating the contaminants from compost and green waste, also recovering fractions with high levels of purity.

- Recover metals using STEINERT magnetic and eddy-current separation technology
- UniSort technology (HSI) for precise elimination of foreign substances
- Special solutions for detecting dark plastics and materials

Contact Johann Hefner
Phone 03 8720 0805
Email sales@steinert.com.au
Website www.steinert.com.au



AUSTRALIA'S WASTE IS NOT BEING WASTED

We're making the most of your organic waste, converting it into renewable energy and returning important nutrients to our soils.

With anaerobic digestion (AD) projects being developed across Australia and New Zealand, LMS Energy is at the forefront of providing circular economy solutions for our clients' municipal, commercial and agricultural organic wastes. LMS is drawing on 40 years' experience in landfill biogas to energy for AD, using the controlled natural breakdown of organic matter to support the recovery of its embodied energy and heat to renewably power communities.

LMS ENERGY

- ✓ ONE OF AUSTRALIA'S LARGEST EMISSIONS REDUCERS
- ✓ 100% AUSTRALIAN OWNED AND OPERATED
- ✓ PARTNERS WITH OVER 30 LOCAL GOVERNMENT ORGANISATIONS
- ✓ FULL IN-HOUSE BUSINESS MODEL (INCL. LOCAL MANUFACTURING)
- ✓ 40 YEARS INDUSTRY EXPERIENCE
- ✓ IMPECCABLE SAFETY AND ENVIRONMENTAL COMPLIANCE RECORD
- ✓ ORGANICS RECYCLING
- ✓ SOLAR ON LANDFILL
- ✓ RENEWABLE GAS
- ✓ CIRCULAR ECONOMY SOLUTIONS
- ✓ LEACHATE SERVICES



LEADERS IN METHANE ABATEMENT AND BIOENERGY

LMS.COM.AU | 118 GREENHILL ROAD UNLEY SA 5061 | 08 8291 9000 | INFO@LMS.COM.AU

Sustainability Victoria

Booth 27



Sustainability Victoria (SV) holds a vision of a sustainable thriving Victoria. As part of delivering this vision SV delivers; campaigns to educate householders about recycled organics, grants to grow the organics industry, and actions to enhance markets for recycled organics.

Contact Andrew Dougall
Phone 0408 740 891
Email andrew.dougall@sustainability.vic.gov.au
Website www.sustainability.vic.gov.au

EXHIBITOR CATALOGUE

Terra Nova

Demonstration Day



Our business is designing and implementing subsoil amelioration solutions that increase productivity, sustainability, and profitability. After a decade of research, development, and deployment, Terra Nova Ag was established as a standalone company in 2020. Terra Nova Ag now provides subsoil amelioration services to agriculture using recycled urban and agricultural waste, tapping into the rapidly growing circular economy.

Contact Simon Falkiner
Phone 0407 319 967
Email falkiner.ag@bigpond.com
Website www.terranovaag.com.au

Vermeer

Booth 15



Designed with innovations that help improve productivity, streamline maintenance and protect operators, Vermeer's organic recycling equipment is built to last and is fully supported with parts and service from your local Vermeer Australia dealership. Part of RDO Equipment Pty Ltd, our dealership network proudly employs over 950 employees across 29 locations in metro and regional Australia.

Contact Alex Koorey
Phone 0455 160 855
Email alex.koorey@rdo.com.au
Website www.vermeeraustralia.com.au

Tradefaire International

Booth 11



TFI supplies quality specialised tyres into the waste industries, green and hard waste.

We believe we have a responsibility to help our customer achieve sustainability with their tyres at every stage including end of life.

With our partnership with BKT, we are dedicated to a cleaner and sustainable future for all.

Contact Johann Stadler
Phone 0498 003 986
Email johann@tradefaire.com.au
Website www.tradefaire.com.au

Waste Expo

Booth 26



Waste Expo Australia is the country's largest gathering of waste management and resource recovery professionals, which brings together leading solution providers in the waste management, recycling, resource recovery and sustainability sectors. Attracting more than 2,700 industry professionals, Waste Expo Australia is a must-attend event in the industry's calendar.

Contact Sherri Pearson
Phone 0434 606 540
Email sherri.pearson@rxglobal.com
Website www.wasteexpoaustralia.com.au

Van Schaik's Bio Gro

Booth 4



Van Schaik's Bio Gro is a family-owned Australian business operating organic receiveal and composting facilities in South Australia and Victoria. Their manufacturing and quality control processes enable the diversion of organic material from landfill and the creation of a range of quality products for the horticulture, viticulture, agriculture and landscape markets.

Contact Sage Hahn
Phone 03 8788 1700
Email info@biogro.com.au
Website www.biogro.com.au

Wastech Engineering

Booth 16, Demonstration Day



Wastech is a leading design, engineering and manufacturing company that services the waste management and resource recovery sectors throughout Australia and New Zealand. Known for our technology-enabled solutions, we solve our customers problems through engineering innovation driven by the goal of environmental sustainability. We don't just question the "what if" - we explore the "how will it be done", and we make it happen. Put simply, we'll work with you to treat your waste in the best way for both the environment - and your business.

Contact Garreth Dorey
Phone 0458 762 879
Email gdorey@wastech.com.au
Website www.wastech.com.au

GENERAL INFORMATION

REGISTRATION DESK

If you are booked in for the Demonstration Day on Wednesday 7th of June, please assemble in the foyer of the Pullman Albert Park from 8:30am, the first bus will depart at 9:15am 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 outside Ballroom 6 at the Pullman Albert Park) will be open between the following hours:

Wednesday 7th June
5:30pm - 7:00pm

Thursday 8th June
8:00am - 3:30pm

Friday 9th 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 conference area.

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



Convenient, secure undercover casual parking is available at the Pullman Albert Park. The carpark access is via Lorne Street.

A special conference self-parking rate of \$20 per exit/24 hours is available for delegates, please visit the conference registration desk to collect a validation ticket. When leaving the car park the original entry ticket needs to be inserted first, followed by the validation ticket, discounts will then be applied and payment can be via Cash or Card. Receipts are available at the time of payment.

INTERNET ACCESS



For complimentary WiFi access in the Pullman Albert Park please use these login details:

Network: **Pullman Conference Wireless**
Select: **Visitor**
Enter Code: **AORA23**

COVID-SAFE



Whilst COVID-safe measures and restrictions have been scaled back, we do ask that you take appropriate precautions whilst at the event.

For clarification on the current Public Health Directions for Victoria please visit: <https://www.coronavirus.vic.gov.au/>.

Although masks are no longer mandatory, we encourage you to wear one if you feel more comfortable doing so.

We appreciate your cooperation and understanding to ensure a safe event experience for all attendees.

DIETARY REQUIREMENTS



Any delegate who has advised they have special dietary requirements should identify themselves to Pullman 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@aoara.org.au as soon as possible. Whilst we will make every effort to accommodate any last-minute requests, 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@aoara.org.au.

PHOTOGRAPHY/ RECORDING



By registering for the AORA 2023 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@aoara.org.au



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E admin@aora.org.au
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