

**FWR** Future  
Waste  
Resources  
**CONVENTION | 2018**



Innovation in  
Recycling  
Secondary  
Resources

**11 - 13  
OCTOBER  
2018**

**THE WORKSHOPS  
RAIL MUSEUM  
IPSWICH, QLD**

**INVITATION  
TO REGISTER**

HOSTED BY:



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**Queensland  
Government**

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# Invitation

On behalf of the Waste, Recycling Industry Association of Queensland (WRIQ), I take great pleasure in inviting you to join us for FWR 2018 - Future Waste Resources - Innovation in Recycling and Secondary Resources Convention to be held in Ipswich this October.

FWR 2018 will take place from Thursday 11 to Saturday 13 October 2018 at The Workshops Rail Museum in Ipswich.

This timely and important event will feature an impressive line-up of local and international keynote speakers and industry experts. They will present practical insights and outcomes that articulate how Queensland can deliver a new business environment focused on achieving a 'circular economy' in secondary resource management, and what is and can be achieved in this state.

FWR 2018 will focus on real solutions to current challenges by presenting case studies and technology that is being utilised now as well gives an as an insight into what the industry, including waste service providers, local and state government need to be considering within their future plans and adopting the State's new waste strategy.

The Convention agenda will ensure that investment decisions made by industry, local and state government in infrastructure, education and services are well informed. A strong and secure sector that is growing to meet the community's needs will generate more employment opportunities, respond well to changes in markets and legislation and ultimately deliver high quality sustainable services to end users of waste management services.

Day 1 will feature international keynote speakers who will showcase their experiences with programs designed to deliver challenging waste strategy targets. This will be followed by Australian waste industry leaders presenting on the bio - economy, construction industry, and production and packaging solutions.

Day 2 will have a focus on engineering, including waste to energy, plant and equipment technology, data and innovation solutions.

Day Three, Saturday 13 October, will be a community open day inviting the public to visit all trade exhibits, to learn about, engage with waste management and recycling providers and to build the rapport between the waste and recycling industry and the community. The day will see the industry demonstrating its current capability in delivering innovative solutions for future resource recovery.

I look forward to seeing you Ipswich.



A handwritten signature in black ink, appearing to read 'Rick Ralph', written over a white background.

Rick Ralph  
Chief Executive Officer



# About FWR 2018

FWR 2018 will be a forum for the exchange of ideas and discussion around key industry issues. Presentations and sessions will provide information about how business and with sound government policy we can deliver improvements to the SState’s waste diversion and resource recovery growth in line with community expectations and industry aspirations.

The program will capture six prominent themes relevant to all stakeholders with interests in the waste and recycling industry. It will look to the future by demonstrating what is currently being achieved and what is next on the horizon. The program will boast informative and engaging key note presentations, panel discussions and six themed breakout sessions focussed on the significant issues impacting the industry now and beyond.

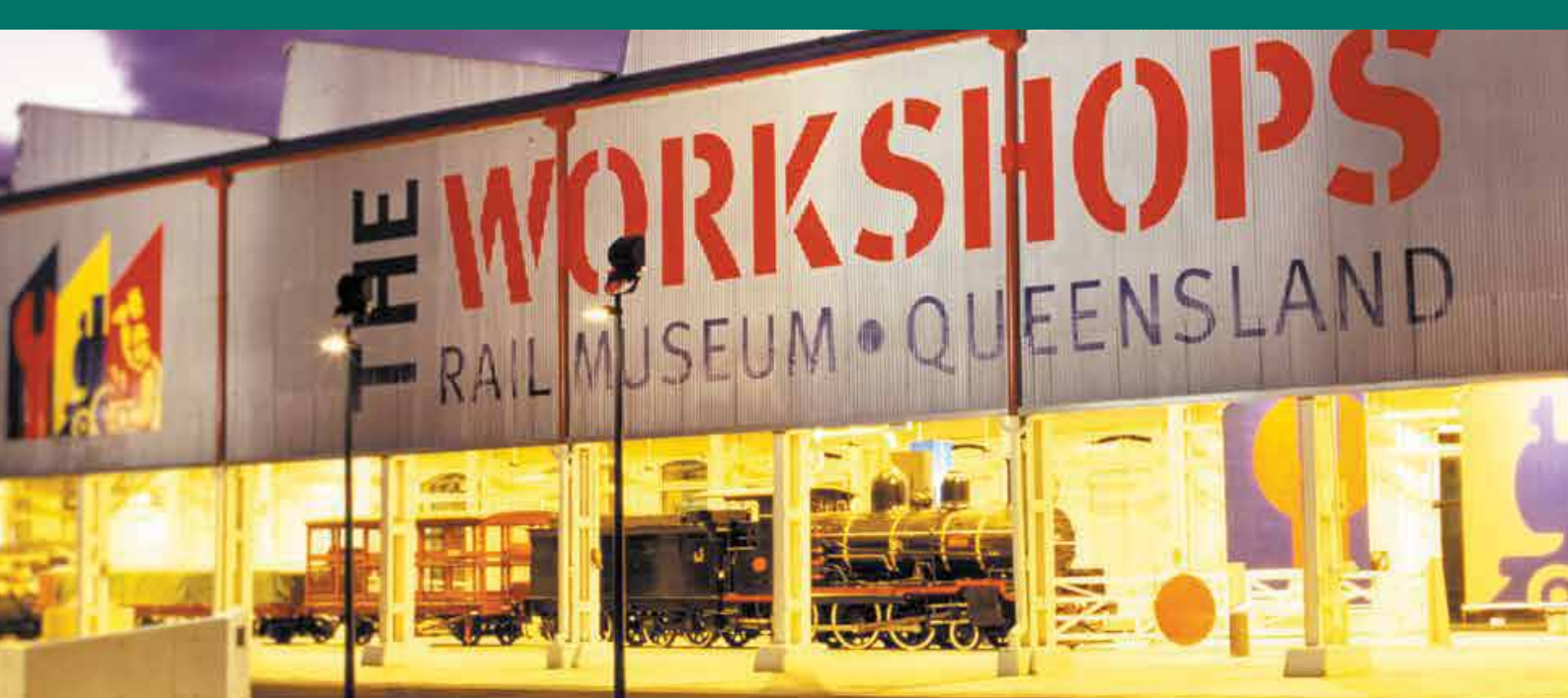
The trade exhibition and equipment displays will complement the program by providing an opportunity for delegates to meet with suppliers and discuss the latest industry developments and innovations. All meal breaks will be served within the exhibition area to maximise interaction between delegates and exhibitors.

The Networking Function will also provide an excellent opportunity to gain important industry and government contacts.

Thursday 11 <sup>th</sup> Oct 2018	Friday 12 <sup>th</sup> Oct 2018	Saturday 13 <sup>th</sup> Oct 2018
<ul style="list-style-type: none"><li>• Official Opening</li><li>• Keynote Presentations</li><li>• Stream 1: Material Quality</li><li>• Stream 2: Bio Economy</li><li>• Stream 3: Production and Packaging</li><li>• Trade Exhibition and Equipment Displays</li><li>• Business / Government Networking Function</li></ul>	<ul style="list-style-type: none"><li>• Keynote Presentations</li><li>• Stream 1: Energy from Waste</li><li>• Stream 2: Construction</li><li>• Stream 3: Technology and Innovation</li><li>• Trade Exhibition and Equipment Displays</li></ul>	Public Open Day: Recycling in Action Trade Exhibition presenting Queensland’s Waste and Recycling Industry capability, including equipment demonstrations to the community

\* Details may be subject to change





## Venue

### **The Workshops Rail Museum North Street, North Ipswich**

The award-winning Workshops Rail Museum is steeped in history. It was once the workplace of over 3000 railway workers and visitors enter via the historic Timekeepers' Building. The museum merges the romance of yesteryear with the exciting technological breakthroughs of the present.

The old boilershop houses the museum where visitors are dwarfed by beautifully restored locomotives and carriages. Kids and kids at heart will marvel at Queensland's largest model railway featuring detailed real-life scenes of the state.

## Location

Situated within Brisbane's quickly growing Western Corridor, Ipswich is an ideal location for businesses. It is located 40 minutes' drive from the Brisbane CBD and 60 minutes' drive from the Port of Brisbane and Brisbane Airport, and is well serviced by major roads and rail. With a large percentage of the available industrial land in South East Queensland, this region is experiencing growth across industries including aerospace, manufacturing, food processing and transport. Ipswich is also home to Australia's largest master-planned industrial development, Citiswich.

As Queensland's oldest provincial city, Ipswich has a rich history. It is renowned for its architectural, natural and cultural heritage. Ipswich proudly preserves and still operates from many of its historical buildings and homes, with more than 6000 heritage-listed sites. Ipswich also has a range of charming townships within the western rural areas of the city, each with its own legitimate claims of historical significance.

## INDUSTRY'S IMPORTANT CONTRIBUTION IN THE REGION

WRIQ members' contribution to the Ipswich economy is significant. Industry members are responsible for processing, recycling and disposing of more than 5.1 million tonnes of waste representing 52.4 per cent of all headline waste produced in Queensland. Local waste companies provide 428 jobs (one in every 165 local jobs) to local Ipswich residents; paying \$25 million in wages and salaries, contributing over \$75 million to the Ipswich economy and almost 2% of Council's rates revenues.

WRIQ members' current investments in Ipswich exceed \$373 million with an addition \$150 million proposed including new state of the art resource recovery facilities, biogas production plant, filtration drainage, waste to energy and an industrial park that will initially create over 80 full time jobs.

## Who will Attend

WRIQ Events attract a high calibre of participants from both regional and metropolitan Queensland as well as other Australian States and Territories.

FWR 2018 is expected to attract more than 200 delegates from all corners of the industry including:

- Representatives from local councils
- State government waste, resource and sustainability managers
- Waste management companies
- Suppliers of vehicles and other plant and equipment
- Other suppliers to the waste industry, such as software, hardware and bin companies
- Experts in legal, insurance, contracts and policy issues
- Representatives from associated industries such as building, agriculture and manufacturing
- Providers of cutting edge solutions to niche parts of the industry

## Host Organisation



The Waste, Recycling Industry Association of Queensland Inc, (WRIQ) is the premier industry association in Queensland, representing more than 90 Queensland-based organisations ranging from large multi-national organisations through to small family-operated enterprises. WRIQ engages with its stakeholders and advocates and informs on a wide range of legislative and regulatory issues impacting the industry.

Association members provide two thirds of the 6,432 jobs in the industry and manage more than 70% of an approximate 9 million tonnes of waste and recycling streams per year. Member investments in Queensland exceed \$1.5 billion and contribute over \$830 million in industry value added to the state economy. Our collective turnover exceeds \$2.15 billion annually.

Waste industry members provide **11,835 jobs to Queenslanders (one in every 200 jobs)** and contribute **50 cents in every \$100 of the state economy, with \$825 million in wages and salaries paid**, contributing \$1.5 billion annually toward Queensland's gross state product. Members directly support 1,516 businesses across the length and breadth of Queensland as part of all operations.

Visit: [www.wriq.com.au](http://www.wriq.com.au)

# Thursday 11<sup>th</sup> October 2018

0800	Registration, tea and coffee		
	<b>OPENING PLENARY</b>		
0900	<b>Welcome and housekeeping</b> Rick Ralph, CEO Waste, Recycling Industry Association of Queensland		
0910	<b>Welcome address</b> CEO, City of Ipswich		
0920	<b>Official Opening</b> The Hon. Leanne Enoch MP, Minister for Environment and the Great Barrier Reef, Minister for Science and Minister for the Arts		
0930	<b>KEYNOTE PRESENTATION: Linear to Circular - A 20-year journey</b> Ray Georgeson, Resource Recovery Association (UK)		
1000	<b>KEYNOTE PRESENTATION: Innovation</b>		
1030	Morning tea		
1100	<b>STREAM KEYNOTE [Material Quality]: It's all about Quality, Support and Guidance</b> Dr Darren Perrin, Ricardo (UK)		
1130	<b>STREAM KEYNOTE [Bio Economy]</b>		
1200	<b>STREAM KEYNOTE [Production &amp; Packaging]</b> Brooke Donnelly, Australian Packaging Covenant Organisation		
1230	Lunch		
	<b>TECHNICAL TALKS (PLENARY) MATERIAL QUALITY</b>	<b>TECHNICAL TALKS (THEATRETTE) BIO ECONOMY</b>	<b>TECHNICAL TALKS (CAFE) PRODUCTION &amp; PACKAGING</b>
1330	<b>The role of education and clear communication in achieving material quality</b> Gayle Sloan, WMAA	<b>Queensland Biofutures</b> Michael Burke	<b>Activating the Circular Economy for metals in Australia</b> Dr Damien Giurco, Institute for Sustainable Futures
1400	<b>Beyond the Bundaberg Protocol</b> Nick Harford, Equilibrium	<b>Presentation title TBA</b> Tim Rose, Northern Oil	<b>Presentation title TBA</b> Rose Read, NWRIC
1430	<b>SWORD issue and how it's being handled / Contracts</b> Mike Ritchie, MRA Consulting Group	<b>Soil degradation</b> Walter Jehne, Soil Microbiologist	<b>Plastic recycling in regional Queensland</b> Lesley van Staveren, FNQ plastics
1500	Afternoon tea		
1530	<b>Standards, markets and processors</b> Martin Tower	<b>FOGO and Compost - The results</b> Mark Rayner, Rocky Point	<b>Product design for long life</b>
1600	<b>The role of technology solutions in achieving material quality</b>	<b>AD</b> Fiona Waterhouse, Utilitas	<b>Real potential of EPR</b>
1630	<b>Facilitated Panel Discussion</b> Facilitator: Darren Perrin	<b>Facilitated Panel Discussion</b> Facilitator: Michael Burke	<b>Facilitated Panel Discussion</b> Facilitator: Brooke Donnelly
1700	Close Day 1		
1715	<b>Networking Event</b>		

Friday 12<sup>th</sup> October 2018

0830	Registration, tea and coffee		
	<b>PLENARY</b>		
0900	<b>Welcome</b> Rick Ralph, CEO Waste, Recycling Industry Association of Queensland		
0915	<b>The role of a statutory body in delivering waste policy successes</b> Gillian Sparkes, Past chair of Sustainability Victoria & Sustainability Commissioner Victoria		
0940	<b>KEYNOTE PRESENTATION: QLD Waste Strategy “A New Era”</b> Department of Environment and Science		
1005	<b>KEYNOTE PRESENTATION: A Circular Economy in Queensland</b> Queensland Treasury Corporation		
1030	Morning tea		
1100	<b>STREAM KEYNOTE [Energy from Waste]: Waste to energy and beyond</b> David Woolford, Ricardo (UK)		
1130	<b>STREAM KEYNOTE [Construction]: Green roads</b> Peter Murphy, Hanson (TBC)		
1200	<b>STREAM KEYNOTE [Technology &amp; Innovation]: Driverless Vehicles - The Anglo Coal story</b> Anglo Coal (TBC)		
1230	Lunch		
	<b>TECHNICAL TALKS (PLENARY)</b> <b>ENERGY FROM WASTE</b>	<b>TECHNICAL TALKS (THEATRETTE)</b> <b>CONSTRUCTION</b>	<b>TECHNICAL TALKS (CAFE)</b> <b>TECHNOLOGY &amp; INNOVATION</b>
1330	<b>An international perspective</b>	<b>Circular Economy in Action - Thinking outside the box</b>	<b>Newcastle Digitisation Model</b>
1400	<b>Energy from Waste in SEQ</b>	<b>The procurement ‘pull’ to drive local end markets</b> QLD Main Roads	<b>The value of blockchain in a circular economy</b>
1430	<b>Scalability in Queensland</b>	<b>Glass in Road Asphalt: Opportunities and challenges</b> Brisbane City Council	<b>Smart Cities</b>
1500	Afternoon tea		
1530	<b>Engineered Fuel</b>	<b>Presentation title TBA</b>	<b>Presentation title TBA</b> City of Ipswich
1600	<b>Facilitated Panel Discussion</b> Facilitator: David Woolford	<b>Facilitated Panel Discussion</b>	<b>Facilitated Panel Discussion</b> Facilitator: Simon Kalinowski
1630	Convention close		

# Public Open Day: Recycling in Action

**Saturday 13 October 2018**  
**8.30am - 2.00pm**

Join us for the FWR Recycling in Action Open Day and learn about the waste and recycling industry and what's going on in our State. The FWR Recycling in Action Open Day will be a Queensland first - providing the opportunity for industry to engage with the local community.

See up close and learn about the equipment and technology used to process the items that you put in your red, yellow and green bins. Find out what happens to those materials once they leave your street and see some of the products that can be made from them.

There will also be food stalls, live machinery demonstrations, seminars and entertainment for kids of all ages.



## Networking Event [Thu 11 Oct]

**Thursday 11th October 2018**  
**5.15 - 7.15pm**

The Networking Event will be held on the Powerhouse Lawn at the conclusion of Day 1 of the Convention. This event is a fantastic opportunity to mingle with fellow attendees, the speakers and exhibitors in an informal atmosphere.





# General Information

## How to Register

Registration can be completed through either the online booking process (requires payment by credit card) or completing and emailing the PDF registration form.

### Online Registrations

Visit the conference website [www.fwrconvention.com.au](http://www.fwrconvention.com.au). The process takes approximately 5 minutes. We accept Visa, MasterCard, AMEX and Diners.

### Fax/Mail Back Registrations

You can use the registration form included in this brochure or visit [www.fwrconvention.com.au](http://www.fwrconvention.com.au) to download a copy of the form. If registering a group please ensure that each delegate completes a registration form individually.

## Payment

Registration will not be confirmed until payment is received in full.

All fees are in Australian Dollars \$AUD and are inclusive of 10% Goods and Services Tax (GST)

For cheque payments please make cheques out to 'Waste, Recycling Industry Association of Queensland (WRIQ)'

## Cancellations

Cancellation of your registration must be advised in writing to [info@fwrconvention.com.au](mailto:info@fwrconvention.com.au). Cancellations received on or before 10 September 2018 will receive a full refund less a \$150 administration fee, cancellations received after this date will not receive a refund, however, we will accept delegate name changes at any time leading up to the event.

## Parking

The Workshops Rail Museum offers complimentary onsite parking for event attendees.

## Registration Inclusions

### Full registration includes:

- Attendance at all sessions
- Morning/afternoon tea and lunch each day of the event
- Event program
- 1 x Networking Event ticket (Thu 11 Oct)
- Access to conference papers

### Two-day registration includes

- Attendance at all sessions
- Morning/afternoon tea and lunch each day of the event
- Event program
- Access to conference papers

Note: The networking function is not included in Two-Day Registrations. Additional tickets may be purchased separately.

Conference registrations cannot be shared. Strictly one delegate per registration only.

## Group Discounts

A group discount of 10% is applicable for groups of 5 or more delegates from the same organisation who register at the same time.

## Insurance

Registration fees do not include insurance of any kind. It is strongly recommended that all delegates take out their own travel and medical insurance before attending the event. WRIQ will not take any responsibility for any participant failing to insure.

## Dress Code

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

## 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 delegates (name, organisation and title) and may be made available to parties directly related to the event including WRIQ and sponsors (subject to conditions). If you do not wish to be included in the delegates list please email [info@fwrconvention.com.au](mailto:info@fwrconvention.com.au).

## Photography/Recording

By registering for the Future Waste Resources Convention you consent and grant permission to WRIQ, 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 WRIQ. Copies of the event photographs will be made available to the attendees after the event.

## Contact

If you have any questions about the event, registration or WRIQ please contact:

Veronica Dullens  
T: 0400 449 100  
E: [info@fwrconvention.com.au](mailto:info@fwrconvention.com.au)

Cover photo courtesy of STEINERT Australia

Please complete one form for each attendee. Convention registrations cannot be shared, strictly one delegate per registration only.

## ATTENDEE INFORMATION

Title  Mr  Ms  Dr  Prof  Cr

Given Name

Surname

Position

Organisation

Postal Address

City

State

Postcode

Phone

Mobile

Fax

Email

Dietary/Special Requirements (please specify)

What sector of the industry do you work in?

Collections  Local Govt

Recycling  State/Federal Govt

Consulting  Academia/Education

Equipment  Transport

Waste Processing  Other

## PAYMENT

### TERMS AND CONDITIONS

- Registration will not be confirmed until payment is received in full. Non-payment does not constitute cancellation.
- All fees are in Australian Dollars \$AUD and are inclusive of 10% Goods and Services Tax (GST)
- For cheque payments please make cheques out to 'Waste Recycling Industry Association (QLD)'
- Cancellations to your registration must be advised in writing to [info@fwrconvention.com.au](mailto:info@fwrconvention.com.au).
- Cancellations received on or before 10 Sep 2018 will receive a full refund less a \$165 administration fee, cancellations received after this date will not receive a refund, however, we will accept delegate name changes at any time leading up to the event (differences in registration fees may be applicable). Non-payment does not constitute cancellation.

Method  Credit Card  EFT  Cheque

### EFT PAYMENT

St George Bank BSB 114879 Account 475305220

### CREDIT CARD PAYMENT

Card Type  Visa  Mastercard  AMEX

Card Number

Expiry Date  CCV

Name on Card

Signature

## REGISTRATION

### WRIQ MEMBERSHIP

In order to receive the members' discounted rate you must provide your WRIQ member company name. Please note refunds will not be made if membership details are not provided at the time of registration.

**If you are a WRIQ Member please enter your member company name here:**

### PLEASE SELECT YOUR REGISTRATION TYPE

All amounts include GST. Early registration discounts end 31 July 2018. Late registration fees apply from 4 Oct 2018



#### FULL REGISTRATION

Includes: Day Registration Thu 11 Oct & Fri 12 Oct (with morning/afternoon tea and lunch), 1 x Networking Function Ticket (Thu 11 Oct), access to convention papers

	Early	Standard	Late
<b>Member</b>	\$695	\$795	\$895
<b>Non Member</b>	\$895	\$995	\$1095



#### THURSDAY REGISTRATION ONLY

Includes: Day Registration Thu 11 Oct (with morning/afternoon tea and lunch), access to convention papers

	Early	Standard	Late
<b>Member</b>	\$330	\$380	\$430
<b>Non Member</b>	\$430	\$480	\$530



#### THURSDAY REGISTRATION + NETWORKING FUNCTION

Includes: Day Registration Thu 11 Oct (with morning/afternoon tea and lunch), 1 x Networking Function Ticket (Thu 11 Oct), access to convention papers

	Early	Standard	Late
<b>Member</b>	\$400	\$450	\$500
<b>Non Member</b>	\$500	\$550	\$600



#### FRIDAY REGISTRATION ONLY

Includes: Day Registration Fri 12 Oct (with morning/afternoon tea and lunch), access to convention papers

	Early	Standard	Late
<b>Member</b>	\$330	\$380	\$430
<b>Non Member</b>	\$430	\$480	\$530

## SEND YOUR FORM TO:

Upon completion, please email your registration form, along with payment details to [info@fwrconvention.com.au](mailto:info@fwrconvention.com.au).



### REGISTRATION ENQUIRIES

Phone 0400 449 100 or email [info@fwrconvention.com.au](mailto:info@fwrconvention.com.au)

A confirmation and tax invoice will be emailed to you within 2 working days of receipt.