

Innovation and the Circular Economy - Glass Recycling and Value-Added Manufacturing

Webinar

Tuesday 28 March 2023
9:30am – 12:00pm

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TICKETS

- AIEN Member: \$70 + GST
- Non Member \$100 + GST

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In Australia in 2018/19, it is estimated that 1.16 Mt or 46 kg per person of glass waste was generated, up from 1.13 Mt in 2016-17. About 90% of all glass consumed is used in packaging, such as in food and beverage packaging. Overall recycling rates for glass are at about 59%. Increasing recycling rates further have been difficult due to breakage of glass in kerbside recycling collections, and the difficulty in sorting glass into colours.

New container deposit systems being rolled out across the country, and innovation in optical sorting technology at material recover facilities and advanced manufacturing is helping to boost recycling rates closer to the Commonwealth's target of 80% recovery by 2030.

The AIEN is very pleased to be hosting this webinar to review innovation in glass collection, sorting, processing and manufacturing to help drive progress towards a circular economy.

Webinar proudly sponsored by:



PRELIMINARY PROGRAM

0930 Welcome, setting the scene and event objectives

Mr Colin Barker, Chair AIEN and **Dr Mark Jackson**, Jackson Environment and Planning Pty Ltd

- Introduction to the event
- Overview of the state of glass recycling in Australia and challenges
- New investment and infrastructure to help drive improved recycling rates for glass

0945 Transforming the collection of beverage container glass through container deposit systems

Ms Michelle Mandl, Communications and Engagement Manager, TOMRA Cleanaway

- Overview of TOMRA Cleanaway's collection system for beverage container glass
- Quality benefits from collection and processing of glass through deposit systems
- Maximising market value from recovered glass

1020 Glass Recycling – iQ Renew's Virtual Quarry

Mr Graham Knowles, General Manager, IQ Renew Group Pty Ltd

- Overview of IQ Renew's Somersby MRF for separation and recovery of glass
- Optical sorting technology and maximising commercial value of glass
- Developing markets for mixed glass cullet

1055 Comfort Break

1110 Manufacturing high quality landscaping pavers using glass and power station ash

Mr Maroun Rahme, Managing Director, Nu-Rock Technologies Pty Ltd

- New technology for manufacturing domestic and commercial landscaping paver products
- Overview of the production facility in Mt Piper, Lithgow (currently under construction)
- Sustainability and performance benefits of using recovered glass in building products

1145 Comments, Questions and Discussion
