

# LITHIUM BATTERIES: RISK, RESPONSE & READINESS



**As lithium-ion battery volumes continue to rise across the waste and recycling stream, so too do the operational, safety and regulatory challenges facing Queensland's resource recovery sector, with operators increasingly being required to respond to risks that are difficult to detect, manage and contain.**

This dedicated industry forum will focus on the practical actions, systems and technologies needed to better identify, manage and respond to lithium battery risks across collection, transport, storage and processing environments.

Key areas of discussion will include:

- Battery identification, handling and incident response across collection vehicles, transfer stations and MRFs
- Practical site solutions and technologies, including AI detection, thermal and odour monitoring, extinguishing systems and containment approaches
- Safe storage, handling and recycling pathways for end-of-life batteries
- Emerging stewardship, regulatory developments and industry preparedness

The forum will conclude with an industry discussion on the potential development of a dedicated training course focused on lithium battery risk management across the waste and recycling sector.

**TUESDAY 4 AUGUST 2026**

12:30 - 6:00pm

Elaine Room, The Glen Hotel  
Cnr. Logan Rd. & Gaskell St,  
Eight Mile Plains

#### **REGISTRATION**

WRIQ Members: \$165 inc GST

Non Members: \$220 inc GST

*Includes afternoon tea,  
drinks and canapés*

#### **DRESS CODE:**

Business casual.

Hi-vis workwear is welcome  
and encouraged

#### **BOOKING ENQUIRIES**

T: 07 3067 3315 or

E: [events@wriq.com.au](mailto:events@wriq.com.au)

**CLICK HERE  
TO REGISTER >**

<https://events.humanitix.com/260804>

# FORUM PROGRAM

**1230** Registration, tea and coffee

**1300** **Welcome & housekeeping**

**Alison Price** | CEO | Waste Recycling Industry Association QLD

## Identifying the Risk: Detection, Solutions and Storage

**1315** **Overview of the issue**

**David McAlister** | Manager, Resource Recovery | Ipswich City Council

**1335** **Operational Solutions for Lithium Battery Risk**

This session focuses on established solutions already in use across the waste and recycling sector. Speakers will share real-world experience in identifying, managing and responding to lithium battery risks, with a focus on operational performance and lessons learned: what is working, how solutions are being applied on the ground, and how these approaches might translate across different facility types and contexts.

- > **F-500 EA - a PFAS free, non toxic and biodegradable solution for LiB fires in waste**  
**Peter Jefferies** | Director | Encaps
- > **Reducing resource recovery risk on the path to autonomous waste facilities of tomorrow**  
**Ani Goswami** | Founder & CEO | Oscorp Energy

**1425** **Battery Fires - Where are we at? A look at the current state of battery fire risk across the waste and recycling sector**

**Brett Lemin** | Executive Director | Waste Contractors & Recyclers Association of NSW

**1435** **Storage and recycling**

**Mark Bannister** | Director Policy and Regulation | EPA Victoria (TBC)

**1455** **Questions and discussion**

**1515** Afternoon tea break

## Responding to the Risk: Behaviour, Protocols and Training

**1530** **Adapting MRF operations for the Lithium Battery Crisis: Risk, response and resilience**

**Benjamin May** | Growth and Partnerships Manager - Queensland | Re.Group

**1550** **Lithium Batteries on Site: Operational identification, actions and closing the gaps**

Speaker TBA

**1600** **Lithium Batteries on Site: Operational identification, actions and closing the gaps**

Speaker TBA

**1610** **Questions and discussion**

**1620** **DISCUSSION: What should a WRAQ training course cover?**

This discussion will explore what dedicated WRIQ training for the sector should cover, including how courses might be tailored to different operational contexts such as hot loads and MRF environments.

**1650** **Wrap up and close**

**Alison Price** | CEO | Waste Recycling Industry Association QLD

**1700** Networking (drinks and canapés)