



**HYDROGEN  
QUEENSLAND**

# **2023 WORKING GROUPS REPORT**

**Heidi Breen  
H2Q CEO**

[www.h2q.com.au](http://www.h2q.com.au)



# H2Q WORKING GROUPS

The H2Q Working Groups have been fundamental in driving the advancement of Queensland's hydrogen industry throughout 2023. Each group, focusing on specialized areas, has made significant strides in policy development, supply chain challenge identification, training and skills enhancement, and safety regulation compliance.

In 2023, H2Q Director Behnoud Tahmaseby provided an important strategic link from the H2Q Board Executive leadership to the H2Q Working Groups. In consultation with the CEO, the working group leads developed an approach for engaging industry and conducted consultation at an unprecedented level.

These workshops and engagements, led by Tim LloydSmith and Ann Dadis formed the foundations of industry listening used to inform the trajectories of many of the groups, and especially our Policy and Advocacy group.

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## SUPPLY CHAIN DEVELOPMENT

### **Leads – Rainer Hagedorn and Khadija Alsabawi**

Aimed to deepen understanding and enhance the hydrogen supply chain's efficiency.

#### **Achievements:**

- Conducted industry workshops to gather diverse perspectives.
- Developed and launched a supply chain survey for data collection spreadsheet for better planning and focus.

#### **Challenges:**

- Identifying the most effective and inclusive supply chain models.
- Aligning supply chain development with evolving industry needs.

#### **Future Focus:**

- Work towards alignment with H2Q's 2024 strategy, enhancing industry engagement and expanding the range of involved employers.

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## POLICY AND ADVOCACY TASKFORCE

**Leads – Ekaterina Milne and Ariel Elboim**

Influencing and shaping hydrogen policy recommendations in alignment with Queensland’s renewable energy goals.



### **Achievements:**

- Developed and published a comprehensive policy whitepaper.
- Established a structured consultative framework including interviews and industry forum for continuous policy dialogue.
- Conducted workshops and joint sessions for policy refinement.

### **Challenges:**

- Balancing diverse stakeholder perspectives.
- Translating strategic recommendations into practical policies.

### **Future Focus:**

- Align activities with broader economic strategies and refine policy mechanisms in collaboration with government stakeholders.

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## TRAINING, EDUCATION & SKILLS

### Leads – Wayne Lee and Brian Inglis

Focused on positioning Queensland as a leader in hydrogen skills development.

Online meetings held regularly with a large engaged group have led to tangible outcomes and the deployment of microcredential training initiatives developed by CQU and TAFE QLD through collaboration with this working group. Many thanks to Wayne and Brian for their coordination of this, as well as site visit to CleanCo's Swanbank clean energy precinct open to all H2Q members.



### Achievements:

Implementation of initiatives under the Hydrogen Industry Workforce Development Roadmap 2022-2032.

Development of hydrogen competency units and training modules by TAFE Queensland and CQUniversity.

### Challenges:

Ensuring the relevancy and applicability of training programs to industry needs.

Expanding industry engagement in the development of training modules.

### Outlook for 2024:

Continue strengthening training initiatives and focus on expanding industry participation in educational programs.

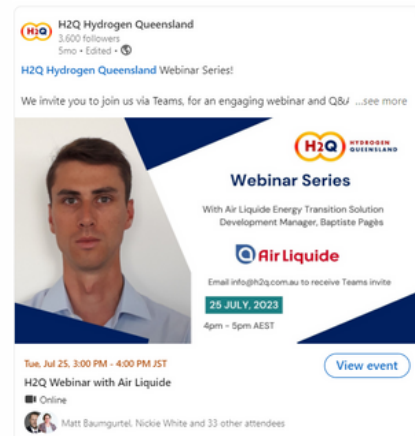


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## SAFETY, REGULATIONS COMPLIANCE

### Leads – Daniel Krosch and Gaurang Joshi

Concentrated on advancing and complying with safety standards in the hydrogen sector. Met regularly with Standards Australia and Queensland Government WHS and Petroleum and Gas Inspectorate. Hosted webinar safety shares from various industry members.



### Achievements:

Facilitated knowledge sharing through presentations from industry experts.  
Identified key upcoming events for industry engagement and learning.

### Key Discussions:

Engaged in in-depth discussions about TS 5359 and WorkSafe guidelines.  
Emphasized the need for clarity and guidance in compliance processes, especially in Queensland.

### Challenges:

Adapting to rapidly evolving safety standards and practices.  
Balancing compliance costs for smaller-scale projects.

### Future Focus:

Focus on further contributing to standards development and supporting industry-wide education and compliance.