

## KEY HIGHLIGHTS

**151 delegates across 2 days**

**12 Research institutions**

**29 Industry organisations**

**6 Government organisations**

### Award winners

#### Best contribution to industry-research collaboration:

RP1.009 *Testing of Australian iron ores in a hydrogen direct flash smelting process* – Swinburne University of Technology, University of Adelaide

#### Best contribution to de-risking and accelerating decarbonisation:

Dr Tara Hosseini, CSIRO, for leadership of RP2.006 *Hydrogen supply within HILT regional hubs – H<sub>2</sub> cost and synergistic opportunities*

#### Best contribution to research quality:

RP1.008 *Green pyromet/hydromet beneficiation pathways* and RP1.011 *Upgrading iron ore for DRI production using products from seawater RO brines* – University of Adelaide (RP1.008 lead), Curtin University (RP1.011 lead), ANU, MRIWA

#### Best PhD presentation:

Chris Cooper, ANU

### Quote of the conference

**“Timing, timing, timing! There’s a lot happening and we’re doing great work, but we need to make sure we get results in time to ... have an impact”**

A/Prof Fiona Beck, ANU

**100% satisfied or above**

## EXECUTIVE SUMMARY

HILT CRC’s 3rd Annual Conference – De-risking Decarbonisation – brought together research, industry and government partners in Adelaide, South Australia, to connect and discuss HILT CRC’s activities and progress in helping heavy industry transition to a low-carbon future.

With a mix of speakers, breakout sessions, networking opportunities, ‘deep dive’ presentations on current projects and research outcomes, and discussion on next steps, the conference fostered collaboration among industry, research and government partners.



Key outcomes and actions arising from the conference were:

- *Endorsement of HILT CRC’s role in fostering collaboration and knowledge sharing*
- *Support for HILT CRC’s role as a trusted voice: providing impartial, impactful and insightful analysis and perspectives*
- *Confirmation of HILT CRC’s research focus on fundamentals to de-risk transitional technologies and develop transformational technologies to support and accelerate deployment by HILT’s industry partners*
- *Progression of HILT CRC’s RD&D Facility Plan by refining technology and research priorities*
- *Advanced concepts for future projects in Programs 2 and 3.*

Thank you to all our speakers and partners for sharing their valuable insights on how we can de-risk and develop the technologies needed shape heavy industry’s low-carbon future. We would also like to thank and acknowledge The Hon Tom Koutsantonis MP for opening the conference and emphasising SA’s leadership on decarbonisation through its Hydrogen Jobs Plan and Green Iron Strategy. We appreciate the support we receive from our Partners, Board, Steering Committee and Program Leaders, and look forward to seeing current and future partners at our next HILT CRC event.

We value the feedback received and have noted key learnings for future conferences and events. If there is any further feedback or queries that weren’t discussed at the conference and need answered, please follow up directly with the HILT CRC team at [admin@hiltcrc.com.au](mailto:admin@hiltcrc.com.au).