

# SA H<sub>2</sub>H™

HYDROGEN  
CONFERENCE



**SA**  
**H<sub>2</sub>H**™  
Hydrogen  
Technology  
Cluster

The pathway to industrial  
decarbonisation

27 MARCH 2025

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Government of  
South Australia



## Exhibitors



# SESSION 1

## THE GREEN STEEL OPPORTUNITY

9:00 AM

**Welcome to Country**

9:05 AM

**Official Welcome + SA-H2H™ Overview**

**Russell James**

Chairman, South Australian Hydrogen Hubs Inc.  
(SA-H2H™)



9:10 AM

**Opening Address**

**Hon Tom Koutsantonis MP**

Minister for Energy and Mining,  
Minister for Infrastructure and Transport



9:25 AM

**Hydrogen Industry in SA: Reports of Death Exaggerated**

**Ross Garnaut**

Director at ZEN Energy & The Superpower Institute



9:45 AM

**Hydrogen-Powered Metal Production;  
Scaling a Fossil-Free Future for Mining, Steel  
and Recycling**

**Tanja Ilic**

Chief Commercial Officer, GreenIron



10:00 AM

**Clean Energy Options for Industrial  
Decarbonisation**

**Pravin Mathur**

Executive Director of the Global Clean Energy team at Linde



10:20 AM

**Panel Session - Green Iron: Bridging the Gap Between  
Industry and Sustainability**

Ross Garnaut

Pravin Mathur

Tanja Ilic

Sam Crafter - CEO, OHPSA

Facilitated by Russell James

10:45 AM -  
11:15 AM

**MORNING TEA**

# SESSION 2

## HYDROGEN AT SCALE

11:15 AM

### Scaling Up Renewable Hydrogen in Adelaide

**Vikram Singh**

Head of Renewable Gas Development,  
Australian Gas Infrastructure Group



11:30 AM

### Fundamentals to Scale the Australian Hydrogen Industry

**Leigh Kennedy**

General Manager - Industry and Supply Chain  
Development, Australian Hydrogen Council



11:45 AM

### Scaling up - Varying Perspectives of the Definition

**Edit Mucsi**

Director - Resources, Fuels and Clean Technologies,  
Department of State Development, Invest SA



12:00 PM

### New Elections in Germany – Ways Forward and Update on Latest Developments

**Florence Lindhaus**

Head of Hydrogen,  
German-Australian Chamber of Industry and Commerce



12:15 PM

### Panel Session - Building the Hydrogen Economy: From Pilot Projects to Global Solutions

Vikram Singh

Gary Wheatley - Linde Engineering

Leigh Kennedy

Edit Mucsi

Florence Lindhaus

Facilitated by Dana Spiers

12:45 PM -  
1:45 PM

**LUNCH**

# SESSION 3

## HYDROGEN MOBILITY AND THE ROAD AHEAD

1:45 PM

### SA Hydrogen Retrofit Feasibility Study

**Jorge Martin Gistau**

Manager Sustainable Transport ANZ,  
Ricardo Australia



1:55 PM

### Hydrogen: The Future of Sustainable Aviation

**Patty Therrios**

Head of Strategy and Sustainability,  
Adelaide Airport Limited



2:05 PM

### SA Hydrogen Bus Trial & Local Hydrogen Refuelling Update

**Cranston Polson**

Founder and Chief Executive Office,  
H2H Energy



2:20 PM

### Developing a Hydrogen Mobility Roadmap for SA

**Lauran Huefner**

Chief Executive Officer,  
South Australian Hydrogen Hubs Inc. (SA-H2H™)



2:30 PM

### Building a Clean Tech Manufacturing Future: Hydrogen as a Key Enabler

**Scott Groom**

Lead for Industrial Decarbonisation, Solar and Wind,  
Powering Australia



2:45 PM

### Panel Session - The Future of Hydrogen Mobility

Jorge Martin Gistau    Cranston Polson  
Patty Therrios        Scott Groom

Facilitated by Lauran Huefner

3:15 PM -  
3:45 PM

## AFTERNOON TEA

# SESSION 4

## TECHNOLOGY AND THE HYDROGEN FUTURE

3:45 PM

### Research and Innovation in a Nascent Industry

**Christian Doonan**

Professor and Director of the Centre for Advanced Nanomaterials, The University of Adelaide



4:00 PM

### Hydrogen's Role in Heavy Industry Decarbonisation

**Jordan Parham**

Strategic Initiatives and Partnership Director, HILT CRC



4:10 PM

### Photocatalytic Water Splitting - An Update on the Sparc Hydrogen Project

**Greg Metha**

Professor of Chemistry, Sparc Hydrogen/The University of Adelaide



4:20 PM

### SiPHyR: Delivering Low-Cost, Clean Hydrogen through Methane Pyrolysis

**Farzad Poursadegh**

Hydrogen Development Manager, 1414 Degrees Ltd



4:25 PM

### Carbon Insetting: Funding the Green Hydrogen Transition

**James Veale**

Managing Director APAC, 123Carbon



# SESSION 4

## TECHNOLOGY AND THE HYDROGEN FUTURE

4:30 PM

### Industrial Transformation – Global Challenges and Opportunities

**Paul Goiak**

Director Green Industrial Transition,  
Department of State Development



4:40 PM

### What Future Beyond the Hype Cycle?

**Matt Pearce**

National Industry Leader, Energy, Mining & Property,  
KPMG Australia



4:50 PM

### Closing Comments

**Lauran Huefner**

Chief Executive Officer, South Australian  
Hydrogen Hubs Inc. (SA-H2H™)



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Ask Questions



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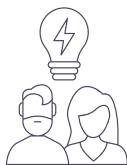
5:30 PM -  
8:30 PM

## INDUSTRY NETWORKING DRINKS

Electra House, 131 King William St, Adelaide

# About South Australian Hydrogen Hubs Incorporated

SA-H2H™ is the home of hydrogen technology collaboration in South Australia. This initiative was seeded by the SA Department for Energy & Mining in 2020 in order to build the capability needed to establish Australia as a world leader in the hydrogen value chain.



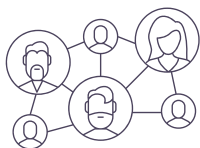
Foster Hydrogen supply chain innovation



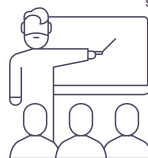
Enable & connect hydrogen hubs throughout SA



Facilitate & attract hydrogen supply chain investment in SA



Accelerate growth of SA's Hydrogen Ecosystem



Build hydrogen supply chain skills and capability

Our members enjoy being a part of a world-leading cluster. We're known as the 'brains trust' for hydrogen intelligence in South Australia. Members have the opportunity to build trusted relationships, increase funding success, attract investment and speak with a combined industry voice.

Enquire about our membership options today!

**Think.**   
**Do.**   
**Change.** 

**Think big.  
Do it together.  
Change the game.**