

# THEATRE 1: THE STATE OF HYDROGEN: A NATIONAL UPDATE

## SPEAKERS FOR THIS STREAM INCLUDE:



**ADAM BANDT**  
Leader, Australian Greens



**DR AMY PHILBROOK**  
Hadean



**LANCE McCALLUM**  
Queensland Shadow Minister for Energy



**NICOLE WYCHE**  
WWF



**DR VICKY AU**  
APAC Wood

**DAY 2 THURSDAY 10 APRIL 2025**

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PARTNER



**9.00AM WELCOME**  
CHAIR: WAYNE SMITH, EXTERNAL AFFAIRS MANAGER, SMART ENERGY COUNCIL

**ADAM BANDT** Leader, Australian Greens and Federal Member for Melbourne

**9.30AM AUSTRALIA'S HYDROGEN FUTURE**  
CHAIR: WAYNE SMITH, EXTERNAL AFFAIRS MANAGER, SMART ENERGY COUNCIL

**LANCE McCALLUM** Shadow Minister - Energy, Queensland Government

**9.40AM HYDROGEN'S BIG PLAYS - GLOBAL AND DOMESTIC OPPORTUNITIES - WHERE IS HYDROGEN'S BEST HOPE?**  
CHAIR: RACHEL HOWARD, DIRECTOR OF INDUSTRIAL DECARBONISATION PROGRAMS, MISSION POSSIBLE PARTNERSHIPS

**BAETHAN MULLEN** Chief Executive Officer, The SuperPower Institute

**DR VICKY AU** Decarbonisation Director, APAC Wood

**NIGEL HOUGH** Director & State Manager - QLD and NSW, GPA Engineering

**DR AMY PHILBROOK** Director, Hadean

**10.30AM MORNING TEA BREAK**

**11.00AM UNLOCKING AUSTRALIA'S GREEN IRON FUTURE: THE ROLE OF HYDROGEN**  
CHAIR: SCOTT HAMILTON, SENIOR ADVISOR, SMART ENERGY COUNCIL

**MATT POLLARD** Analyst, Climate Energy Finance

**JESSICA SHAW** SuperPower Institute

**NICOLE WYCHE** Industry Decarbonisation Manager, WWF

**PROF KENNETH BALDWIN** Australian National University

**TOM MORTIMER** National Policy Director, The Australian Workers Union

**12.00PM TECH SPARKS: THE ULTIMATE HYDROGEN PITCH CHALLENGE**  
CHAIR: PAUL SERNIA, CEO, ENDUA

Join Paul Sernia, CEO of Endua and others in this fast paced, 'Shark Tank' style pitch battle with start ups and renewable hydrogen innovators

**CRAIG ALLEN** Xseed Solutions

**JAN BILEK** HyUse

**LOUISE BROWN** HydGene Renewables

**QUANRONG FAN** Green Steel Melbourne

**12.55PM LUNCH BREAK**

**2.00PM AWARDS CEREMONY - HYDROGEN INNOVATION CHALLENGE**  
CHAIR: ZOE CONLIN-WILLIAMS, POLICY & PROGRAMME OFFICER, SMART ENERGY COUNCIL

Join us as we celebrate groundbreaking technologies, visionary solutions, and game-changing startups in the hydrogen sector. Witness the recognition of industry pioneers driving the future of hydrogen innovation!

**2.30PM GREEN STEEL: PIONEERING SUSTAINABLE MANUFACTURING THROUGH CIRCULAR ECONOMY INNOVATIONS**  
CHAIR: PROF VEENA SAHAJWALLA, UNSW SYDNEY

Highlights the development of SMaRT Centre, a revolutionary approach to sustainable manufacturing, using end-of-life rubber tyres and waste plastic to replace coking coal in steelmaking, reducing environmental impact while promoting circular economy principles.

**3.00PM AFTERNOON TEA BREAK**

**3.30PM TURNING VISION INTO REALITY: SCALING PEM ELECTROLYZERS BEYOND 50MW**  
CHAIR: DR MAX ELLERICH, SOLUTION MANAGER H2 PRODUCTION, NEUMAN & ESSER SOUTH EAST ASIA

**DR MAX ELLERICH**, Solution Manager H2 Production, NEUMAN & ESSER South East Asia

**3.50PM WITHOUT ZERO CARBON HYDROGEN, SUSTAINABLE INDUSTRIAL MANUFACTURING IS A PIPE DREAM**  
CHAIR: COSTA CASIOU, MANAGING DIRECTOR, SPINFRA

**LAURENT VAN HELDEN** Director Sales & Market Development, Plug Power

**MAHSHID ZARESHARIF** Sustainable Energy Systems, Siemens Energy

**COSTA CASIOU** Managing Director, SPINFRA

**RACHEL HOWARD** Director of Industrial Decarbonisation Programs, Mission Possible Partnership

**5.00PM CLOSE**