



Innovation X-Change - **The customer-centred transformation**

Sydney 08 April

Aerial Function Centre, University of Technology Sydney
Program

09:00 Welcome and opening, acknowledgement of Country
Kate **McGrath**, Deputy Vice Chancellor (Research), University of Technology Sydney
A2EP, innovation and implementation
Simon **Smith**, Chair, Australian Alliance for Energy Productivity (A2EP)
RACE for 2030 CRC: Towards a customer-centred clean energy transition
Stuart **White**, Director, Institute for Sustainable Futures

09:15 Driving energy innovation - Moving Australia from laggard to leader
Chair: Katherine **Woodthorpe**, Chair, Fishburners
Richard **Adams**, Director, Innovation & Entrepreneurship, National Renewable Energy Laboratory
Andrew **Dillon**, Chief Executive Officer, Energy Networks Australia
Ned **Harvey**, Managing Director, Carbon War Room, Rocky Mountain Institute
Harry **Verhaar**, Head of Global Public & Government Affairs, Signify

10:45 Break

11:15 Concurrent sessions

Customers and networks	Business	Research, capacity, finance
<p>Workshop – RACE for homes This workshop examines challenges to change with a focus at the intersection of consumption, distribution networks and demand management. Chair: Chris Dunstan, Research Director, Institute for Sustainable Futures, UTS Rosemary Sinclair, Chief Executive Officer, Energy Consumers Australia Greg Morrison, Director, Curtin University Sustainability Policy Institute Tony Douglas, Director, Essential Media Communications Matti Dinkelmeyer, Senior Manager E-mobility & Smart Energy Solutions, Delta Energy Systems</p>	<p>Workshop - RACE for business This workshop examines priorities for innovation in business and will help to refine projects for the proposed CRC to undertake. Chair: Darren Miller, Chief Executive Officer, Australian Renewable Energy Agency Francis Norman, General Manager Innovation & Strategy, National Energy Resources Australia Mary Stewart, Chief Executive Officer, Energetics Dinesh Chand, Technology Demonstration Manager, Energy Efficiency and Conservation Authority of New Zealand Ned Harvey, Managing Director, Carbon War Room, Rocky Mountain Institute Andrew Richards, Chief Executive Officer, Energy Users Association of Australia</p>	<p>Innovation in finance This session examines how innovative financing can facilitate the transition with reference to case studies. Chair: Emma Herd, Chief Executive Officer, Investor Group on Climate Change Andrew Lawson Director Sustainable Finance, ANZ Liz Fletcher, Marketing Manager, FlowPower Fiona Waterhouse, Chief Executive Officer, Utilitas Group Ariel Liebman, Deputy Director, Monash Energy Materials and Systems Institute (MEMSI)</p>

12:30 Lunch and X-Change

13:30 Concurrent sessions

<p>Workshop – RACE for networks This workshop explores network potentials in the distributed energy future and priorities for research, development and demonstration to facilitate transformation. Chair: Ariel Liebman, Deputy Director, Monash Energy Materials and Systems Institute (MEMSI) Samantha Christie, Manager Emerging Energy Technologies, NSW Department of Planning and Environment Renate Egan, Cofounder and Chair, Solar Analytics Richard Adams, Director, Innovation & Entrepreneurship, National Renewable Energy Laboratory</p>	<p>Water, waste water and waste to energy This session focuses on new models for delivering energy and water services, and waste to energy opportunities Chair: Corinne Ong, Chief Executive Officer, ENGIE Services Philip Woods, Service Planning Lead (Energy), Sydney Water Chris Alexander, General Manager Strategic Planning, Veolia Ben Spedding, Energy & Resource Recovery Manager, South East Water Edwin Foong, Business Development Manager, Enwave</p>	<p>Driving innovation in energy This session focuses on drivers for innovation, international progress and approaches for capacity building to convert opportunity into reality. Chair: Rebecca Shepherd, Senior Advisor Research Initiatives, RMIT University Jonathan Jutsen, Chief Executive Officer, Australian Alliance for Energy Productivity Christopher Lee, Chief Executive Officer, Climate-KIC Australia Joanna Nelson, Group Manager - Future Energy, Origin Energy Alex Lloyd, Consultant Energy Transformation, University of South Australia</p>
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14:45 Short break

Program...

15:00 Concurrent sessions

<p>The customer-centred grid</p> <p>Join this session to understand how customers and networks can interact to deliver maximum value for both. How can we make the customer the centre – not ‘behind the meter’?</p> <p>Chair: Glenn Platt, Research Director - Energy, CSIRO</p> <p>Violette Mouchaileh, Executive General Manager - Emerging Markets & Services, Australian Energy Market Operator</p> <p>Craig Tupper, Manager – Demand Management & Forecasting, Ausgrid</p> <p>Jeff Renaud, Head of Asia Pacific, Enel X</p> <p>Dani Alexander, Research Principal, Institute for Sustainable Futures</p>	<p>Industry 4.0: Electrification and digitalisation</p> <p>We examine the transformation of manufacturing through new technologies and business models and the relationship between productivity improvement and decarbonisation.</p> <p>Chair: Kylie Bell, Executive Director, Industry, Trade & Investment, NSW Department of Industry</p> <p>John Broadbent, Director & Founder, Smart Factory Mentoring & Strategy, Realise Potential</p> <p>Peter Haenke, Energy Productivity Manager, Australian Renewable Energy Agency</p> <p>James Hunt, General Manager Solution Sales, Schneider Electric</p> <p>Carl Duncan, Group Manager Resource Efficiency, Teys Australia</p>	<p>Innovation in the food value chain</p> <p>This session examines the major energy productivity developments impacting on the food value chain from farm to customer.</p> <p>Chair: Mirjana Prica CEO, Food Innovation Australia Limited (FIAL)</p> <p>Frank Bruno, Chair in Energy Future Industries Institute, University of South Australia</p> <p>Alan Pears, Senior Industry Fellow, RMIT University</p> <p>Cathy Waters, Leader Climate Research, NSW Department of Primary Industries</p> <p>Warren Leitao, Chief Operating Officer, ReNu Energy</p> <p>Thorsten Winkler, Managing Director, AGO Bioenergy</p>
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16:15 Break

16:45 Energy fish tank - An array of promising disruptor businesses pitch to you and a panel of judges in a fast-moving showcase

Judges:

Jil **Lindau**, Commercial Head Australia & New Zealand, BloombergNEF
Chris **Lee**, Chief Executive Officer, Climate-KIC Australia
Victoria **Adams**, Director, Clean Energy Finance Corporation

Pitchers:

Solar Analytics
Redback Technologies
Enosi
Planet Ark Power
Wattwatchers
Powerpal

18:00 Networking drinks and CRC presentation

19:00 Close

