



bioenergy_strong



driving australia's bio economy

State Library of Queensland | Brisbane | 12-15 November 2019



Life Sciences Queensland

bioenergystrong.org.au

WEDNESDAY 13TH NOVEMBER | DAY 1

STATE LIBRARY OF QUEENSLAND

8.00am	REGISTRATION
8.50am	WELCOME
9.00-10.50am	<p>SESSION 1 THE ROLE OF BIOENERGY IN ACHIEVING THE PARIS AGREEMENT CLIMATE GOALS, WASTE REDUCTION AND ECONOMIC GROWTH</p> <p>Hear from international and domestic leaders on the significant opportunity and role that Australia's Bioeconomy can play in achieving our Paris commitments. This session will include significant thought leaders such as Gerard Ostheimer from below50 and others who will set the scene and expose the opportunity</p> <p>FACILITATOR Annette Cowie, Principal Research Scientist, Climate at NSW Department of Primary Industries</p> <p>RESPECT: a project to enable Timor-Leste to become plastic neutral José Luis Guterres'</p> <p>From 5 to 15 PJ in 5 years: lessons learned from Denmark's biogas boom Claus Mortensen, Project & Site Manager, Copenhagen Agrifood Incubator Agro Business Park</p> <p>Bioenergy opportunities in Australia Matt Walden , Transactions and Business Development, Australian Renewable Energy Agency</p> <p>Below 50 - the role of biofuels in global decarbonisation Gerard Ostheimer, Managing Director, below50</p> <p>Panel Discussion</p>
10.50-11.20am	MORNING TEA BREAK
11.20-12.55pm	<p>SESSION 2 CIRCULAR ECONOMIES IN ACTION</p> <p>Which projects are leading the way and inspiring action? In this session we will hear from Australian projects that are driving a movement of change and innovation. Hear about leading global brands taking a stand on waste and companies driving innovation in better value extraction from waste.</p> <p>FACILITATOR Amy Philbrook, Business Development & Transactions, Australian Renewable Energy Agency (ARENA)</p> <p>QANTAS - World's first zero waste flight Helen Pinch, Sustainability Manager, Qantas Airways</p> <p>Energy from Waste - Beyond Municipal Solid Waste Henry Anning, Chief Executive Officer, ResourceCo Energy Systems at ResourceCo</p> <p>The Hazer Process - zero carbon products from local waste Geoff Ward, Chief Executive Officer, Hazer Group Limited</p> <p>Waste - an asset to help solve Australia's fuel security concerns Troy Collings, Director of Corporate & Regulatory Affairs Southern Oil</p> <p>Panel Discussion</p>
12.55-1.55pm	LUNCH

WEDNESDAY 13TH NOVEMBER | DAY 1

STATE LIBRARY OF QUEENSLAND

1.55-3.45pm

SESSION 3 | DRIVING THE TRANSITION FROM FOSSIL FUELS

Hear from innovators pushing the boundaries on developing new fuels for the future. Hear from local projects and experts such as BORAL and TfA on developments in Australia.

FACILITATOR | Larissa Rose, National Manager, below50Australia

Just Biodiesel - Barnawartha Biodiesel - Driving regional jobs

Simon Roycroft, Manager Future Fuels

Sugarcane waste to biofuels and beer bottles

Michael Vevera, Chief Financial Officer, Mercurius Biorefining Inc

Creating a successful biofuels industry in Australia

Keith Sharp, Engineering Manager, TfA Project Group

Success in Gen I Biofuels will help drive success in Gen II biofuels

Geoff Bell, Chief Executive Officer, Microbiogen

BORAL Bio-Refinery - converting hardwood sawmill residues into Renewable Diesel and Bio-Bitumen

Peter Robson, Hardwood Engineering Manager, Boral Timber

Panel Discussion

3.45-4.00pm

AFTERNOON TEA BREAK

4.00-5.35pm

SESSION 4 | DECARBONISING THE GLOBAL GAS NETWORK

Capitalising on the moment and seizing the opportunity to grow a biogas economy in Australia this session will explore companies in Australia wanting to secure the gas and what we need in order to drive the industry with the presentation of the Biogas Opportunities for Australia report.

FACILITATOR | Samantha Lamond, Chief Executive Officer, Energy 360 Pty Ltd

Biogas Opportunities for Australia

Mendo Kundevski, Principal, ENEA Consulting

Driving an offtake market for green gas

Aidan Mullan, Engineering and Sustainability Manager, Interface Australia/New Zealand

Global advances in Biogas - an insight from IEA Bioenergy Biogas task

Bernadette McCabe, Principal Scientist, University of Southern Queensland's Centre for Agricultural Engineering

US South Side LFG to RNG project

Jason Dickfos, Business Development Leader, Remote Energy at Energy Developments

Panel Discussion

DAY 1 CLOSE

5.25-6.25pm

PRE AWARDS DRINKS ON TERRACE

THURSDAY 14TH NOVEMBER | DAY 2

STATE LIBRARY OF QUEENSLAND

<p>9.00-10.55am</p>	<p>SESSION 5 INDUSTRIES LEADING THE WAY</p> <p>Some industries are accelerating the future bioeconomy. In this session hear about industries breaking the mould, driving progress and paving the path for mega trends in the sector.</p> <p>FACILITATOR Dr John Hewson, Chair, Bioenergy Australia</p> <p>Biopolymers and their place in the Circular Economy Rowan Williams, Regional Market Development Manager, BASF Australia Limited</p> <p>The Bioenergy opportunity within the global pork industry Denise Woods, Business Manager, Research and Investigation, Australian Pork</p> <p>The Aviation biojet fuel industry in the USA Chris Tindal, Assistant Director Commercial Aviation Alternative Fuels Initiative (CAAFI)</p> <p>Wood pellet manufacturing in Australia & the significant export market opportunities Tony Esplin, Owner Pallet Collars Australia & Co-Owner Recycling Technologies Group</p> <p>Panel Discussion</p>
<p>10.55-11.25am</p>	<p>MORNING TEA BREAK</p>
<p>11.25-12.55pm</p>	<p>SESSION 6 LEADERSHIP IN THE ENERGY TRANSITION</p> <p>This session will kick off by showcasing incredible international projects that are leading the way in the heat and electricity space. We will then look to Australia, showcasing organisations who are innovating and driving change locally.</p> <p>FACILITATOR Heather Bone, Deputy Chair of Bioenergy Australia and Managing Director, RebusJ Sustainability</p> <p>Uptake of biomass boiler conversions in Regional Australia Thomas Strang, Justens Pacific</p> <p>Amager Bakke EfW & Skiing facility Copenhagen Inge Johansson, Researcher RISE Research Institutes of Sweden</p> <p>Canada leading the way in reducing emissions and adding value to forestry residues – Airex Biocoal case study Sylvain Bertrand, Chief Executive Officer, Airex Energy</p> <p>Driving decarbonisation of the Gas network Joshua Moran, Commercial Manager, Jemena</p> <p>Panel Discussion</p>
<p>12.55-1.55pm</p>	<p>LUNCH</p>

THURSDAY 14TH NOVEMBER | DAY 2

STATE LIBRARY OF QUEENSLAND

1.55-3.30pm	<p>SESSION 7 POLICY LEADERSHIP SUPPORTING BIOECONOMIES</p> <p>How are other countries developing policies and driving change? What are the lessons to be learnt? Stand by for exciting news on the countries that will be participating.</p> <p>FACILITATOR Clare Blain, Chief Executive Officer, Life Sciences Queensland Limited</p> <p>South Africa embracing the potential bioeconomy CristinaTrois, Professor in Environmental Engineering, South African Research Chair in Waste and Climate Change (SARCHI)</p> <p>Swedens path to decarbonisation through Bioenergy Inge Johansson, Researcher, RISE Research Institutes of Sweden</p> <p>QLD Biofutures update Michael Burke, Director Biofutures Department of State Development</p> <p>Regional Growth NSW - targeting new industries for NSW Brendan Nelson, Chief Executive Officer at Regional Growth NSW</p> <p>Panel Discussion</p>
3.30-3.50pm	<p>AFTERNOON TEA BREAK</p>
3.50-5.00pm	<p>SESSION 8 FINANCING THE FUTURE BIOECONOMY</p> <p>Who is leading the way in financing projects and what do you need to access support. This session will respond to the question "How do we finance the future Bio economy?"</p> <p>FACILITATOR Mac Irvine, Associate Director, Clean Energy Finance Corporation</p> <p>Lily McManus, Investment Manager at Foresight Group</p> <p>Jeremy Hasnip, Deputy General Manager and Head of Power & Renewables, Project Finance Australia at Sumitomo Mitsui Banking</p> <p>Brett Cohen, Director, Power & Infrastructure Finance at Investec Australia Limited</p> <p>Alex Grant, Manager Business Development & Transactions at Australian Renewable Energy Agency (ARENA)</p> <p>Daniel Burrows, Division Director, Macquarie Group</p>
	<p>CONFERENCE WRAP UP Shahana Mckenzie, Chief Executive Officer, Bioenergy Australia</p>
5.00pm	<p>EVENT CONCLUDES</p>

TUESDAY 12TH NOVEMBER | RESEARCH SUMMIT

ROOM THREE SIXTY | QUEENSLAND UNIVERSITY OF TECHNOLOGY

11.45am	REGISTRATION
12.10pm	WELCOME
12.15-1.30pm	<p>SESSION 1</p> <p>Enabling the circular economy: recycling phosphorus as next-generation fertilisers Susanne Schmidt</p> <p>Using a spatial constraint, resource supply model and an adaptive capacity index to identify feasible locations for hybrid biomass systems in NSW Ben Madden</p> <p>The impact of biomass for 100 % renewable energy grids in Australia Mengyu Li</p> <p>Is it feasible to use biomass in NSW for grid-scale electricity generation? Fabiano Ximenes</p> <p>Panel Discussion</p>
1.30-2.45pm	<p>SESSION 2</p> <p>Catalyst Development for Production of Renewable Natural Gas from Biomass Robert Cattolica</p> <p>Beauty leaf tree – a highly potential native species for 2nd generation biofuel production from waste lands Nanjappa Ashwath</p> <p>Technical and commercial readiness of different hybrid concentrated solar and biomass systems for electricity generation in Australia Ella Middelhoff</p> <p>Reinventing sugarcane as a feedstock for the bioeconomy Robert Henry</p> <p>Panel Discussion</p>
2.45-3.05pm	AFTERNOON TEA BREAK
3.05-3.50pm	<p>SESSION 3</p> <p>International Research Presentation International Research Presentation International Research Presentation</p> <p>Presentations conclude Mark Brown</p>
4.00-4.30pm	NETWORKING & POSTER VIEWING
4.30 pm	EVENT CONCLUDES

WEDNESDAY 13TH NOVEMBER | BIOENERGY INNOVATION AWARDS

STATE LIBRARY OF QUEENSLAND

**6.30-11.00pm PRESENTATION OF BIOENERGY INNOVATION AWARDS
 State Library of QLD**

The Awards Evening on Wednesday 13th November will commence at 5.30pm at the State Library with a Pre-Awards Cocktail Reception featuring a selection of canapés and beverages on the Queensland Terrace followed by the Official Awards Ceremony at 6.30pm in the Auditorium.

Following the Official Awards Ceremony guests are invited to continue the celebration in the Watermill and Sculpture Courtyard at the Queensland Art Gallery from 7.30pm - 11.00pm. Guests will get to enjoy a delicious menu of substantial canapés with ingredients from Meredith Dairy that are environmentally, socially and economically sustainable.

Don't miss out book your ticket to the Bioenergy Innovation Awards Evening [here](#).

FRIDAY 15TH NOVEMBER | BIOENERGY SITE VISITS

TOUR OF 3 DIFFERENT AND UNIQUE LOCAL BIOENERGY SITES

7.45am	REGISTRATION AND DELEGATE ARRIVAL
8.00am	Bus departs from the State Library of Queensland Site 1 - Pearl Global Site 2 - Trisco Foods Site 3 - QUU Luggage Point Resource Recovery Centre
1.00pm	Bus returns to the State Library of Queensland Places are limited - book your seat here