

Thursday 6th of December, Mount Gambier Main Corner

8.30	REGISTRATION
8.50	WELCOME – Alan Richardson – RDALC Bioenergy Connect Committee Chair
	<p>Emerging Bioeconomy</p> <p><i>The Bioeconomy is an emerging global trend towards taking renewable biological resources and converting them into food, feed, bio-based products and bioenergy. It includes agriculture, forestry, fisheries, food and paper production, as well as parts of the biotechnological industry.</i></p>
9.00	<p>Mark Glover, EcoWaste Pty Ltd & Renewed Carbon Pty Ltd Mark, through the companies EcoWaste & Renewed Carbon, explores regional bio hub opportunities. He will discuss some of the large projects occurring around Australia and the benefits of regional areas entering the emerging Bioeconomy.</p>
10.00	<p>Shahana McKenzie, Bioenergy Australia Bioenergy Australia recently undertook a State of the Nation report to provide an outline of the Bioenergy state of play on a country-wide basis. It provides ranking of the States and Territories regarding their Bioenergy performance. It also looked at the international investment in Bioenergy in Australia.</p>
10.50	MORNING TEA
	<p>Starting Local – Limestone Coast Bioenergy projects</p> <p><i>For several years businesses across the region have started to explore bioenergy as a solution to their energy costs. Since 2016 RDALC has been administering the Renewables SA Bioenergy Connect Program. Across South Australia it has supported 20 prefeasibility studies and 5 feasibility studies.</i></p>
11.20	<p>Teys Australia Teys are in the process of constructing a Covered Anaerobic Lagoon at their Naracoorte plant to generate energy from their waste water. The project will generate 30,000 – 35,000 gigajoules of renewable energy per year – which is equivalent to the energy usage of 1590 average Australian homes. This change will result in a clean, renewable energy source that will produce electricity and heat within the plant.</p>
11.50	<p>Aaron Izzard, Environmental Sustainability Officer, City of Mount Gambier In 2016 City of Mount Gambier utilised the Bioenergy Connect program to explore the conversion of municipal solid waste to electricity and heat. The project was considered an opportunity to avoid or minimise landfill disposal. It was also seen as a potential opportunity to generate cheaper energy for commercial businesses and/or industry which would reduce their operating costs and help sustain local jobs.</p>
12:20	<p>Peter Burgess, Rainbow Bee Eater Peter believes that Australia, especially rural and regional areas, will gain significant environmental, social and economic benefits by using safe, efficient and clean 21st century technologies for the sustainable production of renewable energy from biomass residues that are currently burnt or landfilled. Peter will present the use of the ECHO₂ technology at Holla-Fresh in partnership with Bio Gro.</p>
12:50	<p>Rachel Brdanovic, Tandem Energy, Energy Efficiency & Energy Audits Your energy plan – more than just an energy audit. Rachel has been providing energy auditing solutions for her clients over the past eight years. She specialises in identifying opportunities and creating sustainable change in businesses and organisations. Her Master of Sustainability degree provides a broad understanding of many sustainability-based issues, and as a Certified Measurement and Verification Professional (CMVP), Rachel collects and analyses data to assist clients to make informed decisions relating to best practice equipment upgrades and purchases.</p>
13.20	LUNCH
	<p>Value Adding from Waste</p> <p><i>Significant amounts of agricultural by products go to waste. Such waste streams, if converted to “value added” products could serve as additional sources of revenue while simultaneously having a positive impact on the socio-economic wellbeing of the people.</i></p>
14:00	<p>Professor Vincent Bulone, Lead Investigator, Agricultural Product Development Research Consortium Agriculture is already a key contributor to South Australia’s economy but its huge potential to generate high-value products and create new post-farm gate industries has not yet been realised. Our agricultural and horticultural industries generate abundant waste biomass, which is currently disposed of at a cost to the producer, or only a low return. But there are compounds we can derive from this waste – a range of different ‘biomolecules’ – that have high-value potential applications for their structural or health properties.</p>

15.00	<p>Mary Lewitzka, Bioenergy Resources Officer, Department of Energy and Mining Mary is responsible for high level data collection, analysis and management for the Australian Biomass for Bioenergy Assessment (ABBA) project. This project aims to achieve investment in the renewable energy sector through the provision of detailed information about biomass resources across Australia. Mary also advocates for and supports initiatives and potential bioenergy projects both in South Australia and nationally. Mary will also speak around grant and funding support available for projects around biomass.</p>
15.30	<p>Margaret Ledwith, Flinders University, eNVision CCA Post Opportunity How do we find value in our waste? CCA posts are widely used across the region and are potentially a biomass opportunity. The solutions to this problem may sit within the region. You'll hear from Margaret about the innovation processes on offer from the New Venture Institute that could help the region collaborate and turn this opportunity into a reality. Are you interested in being part of the solution? Learn more and then register your interest to get involved.</p>
15.45	<p>The idea of a regional Biohub has been discussed at a high level for quite some time across the region. Join our experts to explore what this might look like for the region and the actions needed to get us there.</p>
16.15	<p>Final Remarks – Alan Richardson – RDALC Bioenergy Connect Committee Chair</p>
16.30	<p>NETWORKING DRINKS</p>