



BROWN COAL
INNOVATION
AUSTRALIA

Federation
UNIVERSITY • AUSTRALIA

Carbon to Products Seminar

- pathway to a sustainable future

Federation University Auditorium, Churchill

7 February 2018

8.00am Registration
Tea/coffee available

8.30am **Welcome & introduction**



Mr Gerry Morvell
Chairman
Brown Coal Innovation Australia

8.45am **Federation University
Keynote Address**



Prof. Leigh Sullivan
Deputy Vice-Chancellor
(Research and Innovation)

Chair: **Mr Brian Davey**
*Chief Executive Officer
Brown Coal Innovation Australia*



9.00am **Additional value
opportunities for lignite**



Mr Mike Holmes
Vice President - Research &
Development
Lignite Energy Council

AGRICULTURE

9.30am **The utilisation of carbon in the
agri sector space, brown coal
in particular**



Prof. Robin Batterham
Kernot Professor of Engineering
Melbourne University

9.55am **Exergen Verde Growth - does
brown coal have a green
future?**



Mr Ian Kraemer
Project Manager Verde Growth
Exergen Pty Ltd

10.20am **MORNING TEA**
(25 minutes)

HYDROGEN

10.50am **Research on hydrogen
production from brown coal
and renewable resources**



Prof. Sankar Bhattacharya
Professor & Acting Head
Dept of Chemical Engineering
Monash University

11.15am **The Hydrogen Potential**



Mr Hirofumi Kawazoe
Assistant Manager, Hydrogen
Energy Chain Promotion
Section 2
Kawasaki Heavy Industries

PYROLYSIS

11.40am **High Value Products from
Victorian Brown Coal**



Prof. Alan Chaffee
Professor, School of Chemistry
Monash University

12.05pm **Pyrolysis – A sustainable
option for Victorian Brown
Coal**



Mr Roland Davies
General Manager Projects
Coal Energy Australia

12.30pm

12.30pm **LUNCH BREAK**
(25 minutes)
Served in Auditorium

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CO2 CAPTURE & UTILISATION

1.00pm

Progress in CO2 capture and utilisation - a Latrobe Valley perspective (Research)



Assoc. Prof. Vince Verheyen
Leader Carbon Technology Research Centre (CTRC)
School of Applied Sciences
Federation University

1.25pm

Can Carbon Capture & Storage work for the Latrobe Valley (Industry)



Ms Tania Constable PSM
Chief Executive Officer
CO2CRC Limited

NOVEL APPLICATIONS

1.50pm

Research presentation – title tbc



Prof. Bronwyn Fox
Director, Manufacturing Futures Research Institute
Swinburne University of Technology

2.15pm

Creating a Climate for Investment (Industry)



Mr Steve Parkinson
General Manager
Bio Manufacturing
Australian Paper

2.40pm

AFTERNOON TEA
(20 minutes)

3.05pm PANEL DISCUSSION

What needs to be done to develop a new carbon economy for the LV?

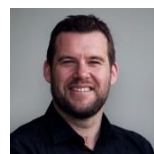
Chair: Mr Gerry Morvell, BCIA Chair



Ms Mary Aldred
Chief Executive Officer
Committee for Gippsland



Prof. Bronwyn Fox
Director, Manufacturing Futures Research Institute
Swinburne University of Technology



Mr Andrew McCarthy
Founder and Managing Director
Gippsland Solar



Mr Richard Elkington
Chairman
Regional Development Australia - Gippsland



Cr Darrell White
Mayor
Latrobe City Council



Mr David Jettner
General Manager Corporate Development
Australian Paper

4.05pm **CLOSING REMARKS**

4.30pm **SEMINAR CLOSES**

Brown Coal Innovation Australia and Federation University

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