



Department of  
Primary Industries

# Exploring Beyond Diesel - 2

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**Exploring Beyond Diesel - 2**  
**Online Forum Agenda 2 September 2020**

Time	Item
12.45pm – 1.00pm	Log in /register / set up etc
1.00pm – 1.15 pm <b>Mike Cashen &amp; John O'Connor, NSW DPI</b>	Opening and Welcome EES and Agencies and Industry bodies involved EES project outline Recap <a href="#">Exploring Beyond Diesel 1</a>
1.15pm – 1.25 pm <b>James Jackson, NSW Farmers President</b>	<b>The imperative and challenges the day explores</b> Fuel security, climate targets, the zero/low carbon pressure—plans to get there & risks if we don't
1.25pm – 2.00pm Presentation <b>Ben Mitchell - New Holland</b>	<b>Transitional technologies:</b> Methane tractor development, background/ vision, why it is developing, where it suits, Future Farm in Italy, what is needed to make it work Q&A
2.00pm – 2.05pm	
2.05pm – 2.45pm Presentation <b>Fiona Waterhouse, Bundaberg Biohub Qld</b>	<b>Upcoming alternative power options: Methane</b> Methane developments that may suit NH T6 <b>Part 1 QLD Bundaberg biohub</b> Biohub idea/vision, outputs/uses, potential in STPs old and new Q&A
2.45pm –2.50pm	
2.50pm – 3.00pm	Comfort/tea break
3.00pm – 3.20 pm <b>Joe Finnerson, Mollonghip &amp; District CPH</b> 3.20pm – 3.25pm	<b>Part 2 Community Power Hub Victoria</b> Methane to replace diesel irrigation, with co-benefits, how and why methane suits this area, what is planned Q&A
3.25pm – 3.55pm <b>Charles Luo, pitt&amp;sherry</b>	<b>Exploring diesel alternatives—options for the future fuel mix</b> Upcoming alternative power options / fuel replacements Q&A
3.55pm – 4.10pm <b>Dr Neil Thompson, A/P QUT</b>	Hydrogen Power developments update Q&A
4.10pm – 4.20pm <b>Charlie Prell</b> Farmers for Climate Action	Wrap up, key insights
4.20pm – 4.30pm	Evaluation, future events
4.30pm	Close





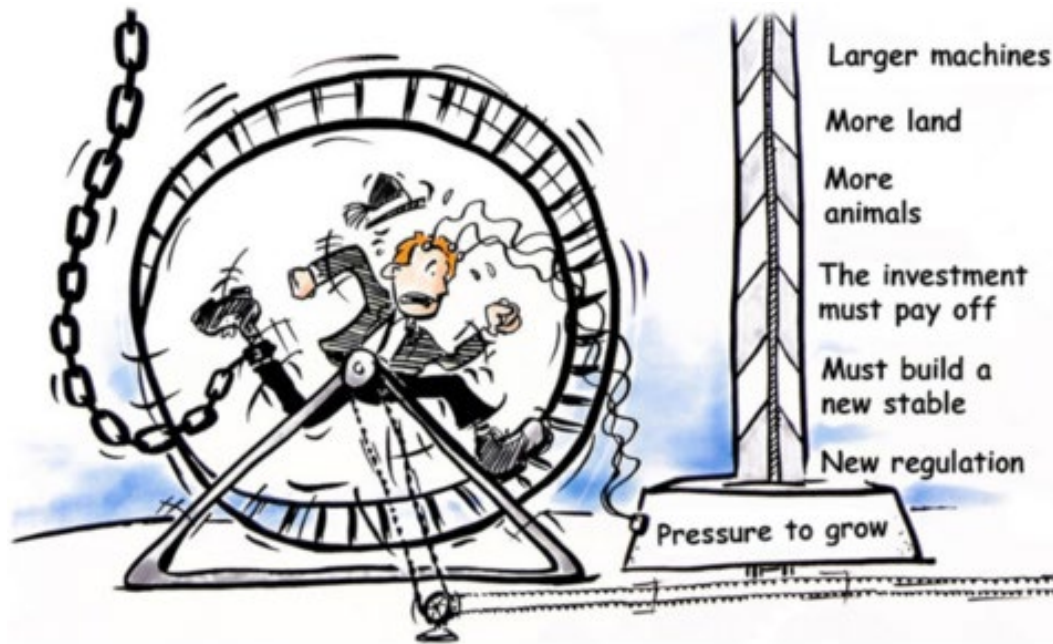
Department of  
Primary Industries

# P2: Energy Efficient Solutions

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# Aim

To reduce industry vulnerability to rising energy costs, increase sector/farm profitability and improved competitiveness of NSW primary industries.

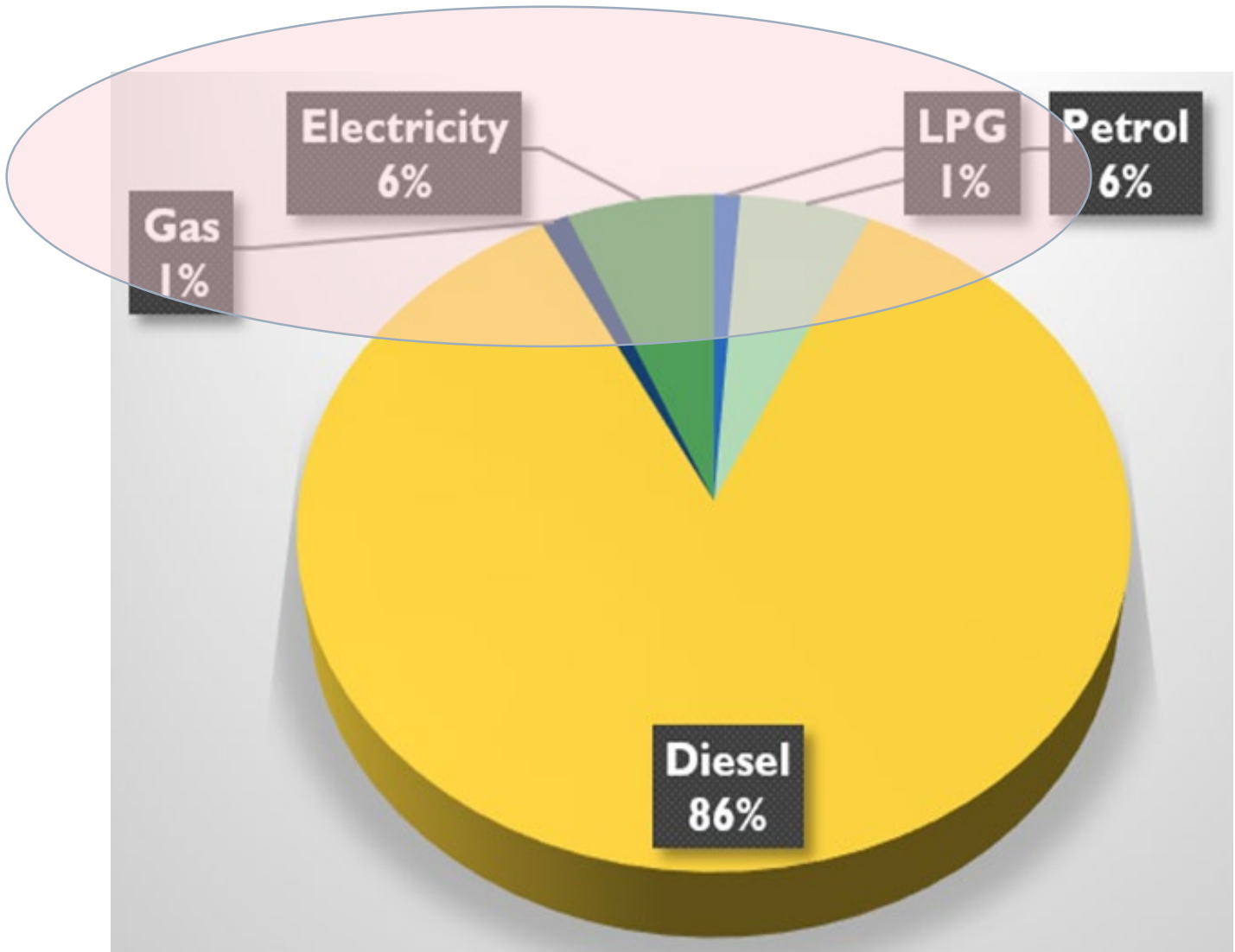


# Objectives

- Reduce exposure of primary industries to energy related business risk
- Better inform industry on the merits of a range of new technologies, equipment and production systems in the context of rising energy costs for energy intensive industries
- Provide examples of real world energy efficiency approaches that work, providing increased investment certainty and enabling dissemination of these lessons to the broader sector
- Reduce risks associated with the early adoption of energy efficiency options in agriculture

# 2 complementary strategies

- a series of funded pilots focusing on the intensive sector which will act as case studies for new and novel approaches and technology, and
- a conventional energy efficiency focused initiative delivered through training and awareness campaigns focusing on the extensive and broad acre irrigated sectors.

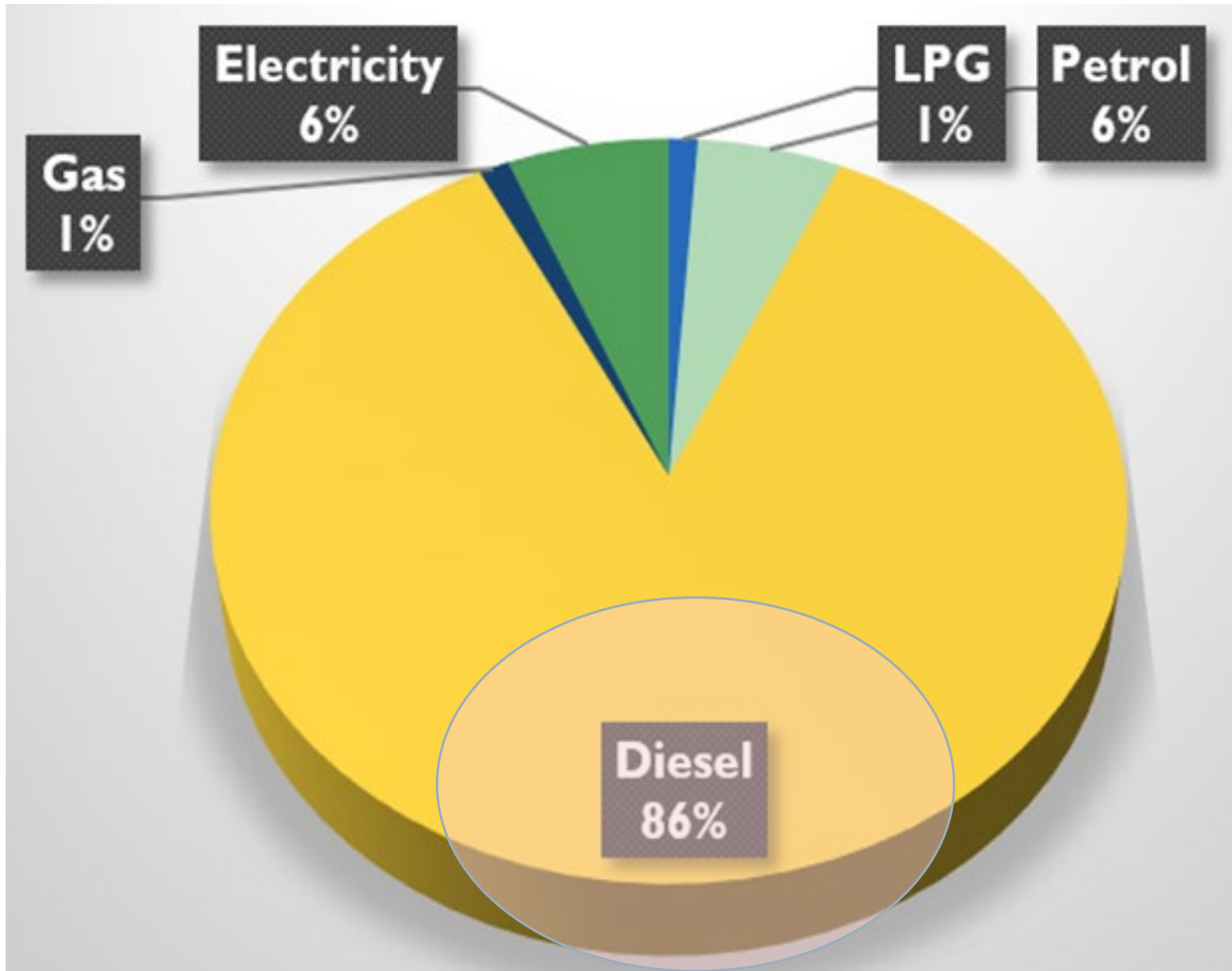




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# Exploring Beyond Diesel - 1

## Online Forum Agenda 10 July 2020

Time	Item
12.45pm – 1.00pm Total	Log in /register / set up etc
1.00pm – 1.15 pm <b>Mike Cashen &amp; John O'Connor, NSW DPI</b>	Opening & Welcome EES & Agencies & Industry bodies involved EES project outline
1.15pm – 1.35 pm <b>James Jackson, NSW Farmers President</b>	The imperative & challenges the day explores fuel security, climate targets The future: The zero/low carbon pressure; plans to get there & risks if we don't
1.35pm – 2.00pm Presentation <b>Charles Luo, Pitt &amp; Sherry</b>	Transitional Technologies: Batteries – what types suit transport /tractors & limitations Upcoming Alternative power options (green diesel, gas or ??) Q&A
2.00pm – 2.05pm	Q&A
2.05pm – 2.45pm Presentation <b>Dr Neil Thompson, QUT</b>	Upcoming Alternative power options: Hydrogen Power developments – 'Integrated hydrogen energy systems for agribusiness' Q&A
2.45pm –2.50pm	Q&A
2.50pm – 3.00pm	Comfort/tea break
3.00pm –3.20 pm <b>Jon &amp; Karin Narromine</b>	Exploring diesel alternatives – the evolving story: Part 1 Diesel reductions – via solar & Part 2 Solar to hydrogen to tractor plans
3.20pm – 3.25pm	Q&A
3.25pm –3.55pm <b>Paul van Ham MTT Tractors (Holland)</b>	Tractor developments & transitions away from diesel. Can an electric tractor work? What transitions can be planned into one?
3.55pm – 4.00 pm	Q&A
4.00pm – 4.10pm	Q&A: Any key questions for speakers
4.10pm –4.20pm <b>Charlie Prell Farmers for Climate Action</b>	Wrap up evaluation - future events
4.20pm – 4.30 pm	Contingency time: Ongoing Q&A future topics & Networking opportunity with homemade refreshments
4.30pm	Close



## Exploring Beyond Diesel - 2

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