

# Exploring Beyond Diesel - 1

Online Forum: Friday 10 July 2020

Time: 1.00pm-4.30pm

**Over 80% of energy consumed in agriculture comes from diesel**

Take a break to explore:

- What will power machinery in future
- What transition technologies are possible
- Current and emerging technologies that may shape the future

More information:

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Register online:

<https://tocal.instructure.com/enroll/TYWAEA>

Join us for this **FREE** informative event

## EVENT DETAILS



Department of  
Primary Industries

Challenges and changes for future farmers

James Jackson, NSW Farmers President

Transition technologies, alternative fuels, green diesel, batteries

Charles Luo, Pitt & Sherry

Hydrogen technology developments

Dr Neil Thompson, Queensland University of Technology

On farm possibilities

Karin Stark, Narromine

Transition tractor options

Paul van Ham

And Charlie Prell

Farmers for Climate Action



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## 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 ??)
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'
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 H2Trac</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