



**AUSTRALIAN
ALLIANCE FOR
ENERGY
PRODUCTIVITY**

The water-energy nexus: save water to save energy

Wednesday 6 April, 3:30 pm AEST

Welcome



Jarrod Leak

Chief Executive Officer

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Welcome to country

We would like to acknowledge the Traditional Custodians of country throughout Australia and their connections to land, sea and community.

We pay our respects to their elders of the past, present and into the future.



Credit: Stock Unlimited

Our members and partners

FELLOWSHIP LEVEL



SUPPORTER LEVEL



SUPPORTER LEVEL



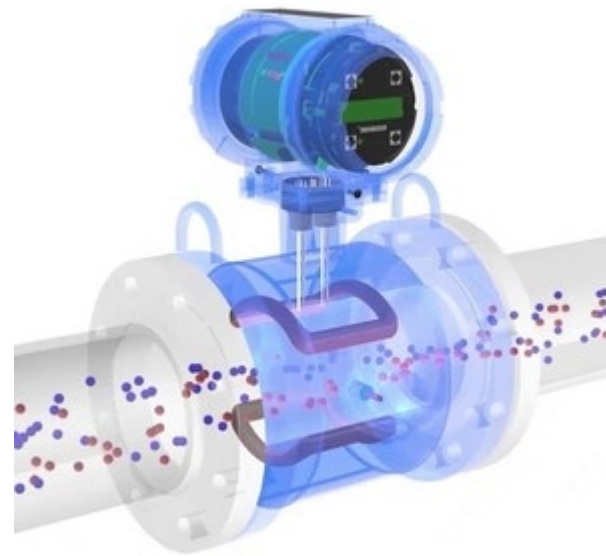
An energy productivity approach to water

- Define end user services, what are you trying to achieve?

Waste reduction hierarchy



Before the 5 R's – metering and monitoring



Welcome

Schneider Electric – Reducing Water and Energy use through Clean In Place Optimisation



Brad Yager

Segment Lead – Consumer Packaged Goods
Pacific Zone

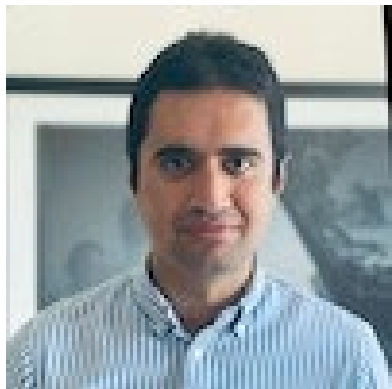


Welcome

Alfa Laval – Tank cleaning and Thinktop burst clean technologies



Morten Eckhoff
Tank Cleaning Specialist



Marwan Baig
Food & Water Division Manager - Oceania



Welcome

Frigel / Chudleigh Sutch – Save energy and water with adiabatic technology



Gyula Szekeres

Business Development Heat rejection Systems



Roger Ong

Engineering Director



Welcome

Chem Clean – Clean In Place Recycling – Saving chemicals, water and energy



Kelvin Bradnam
Commercial Director



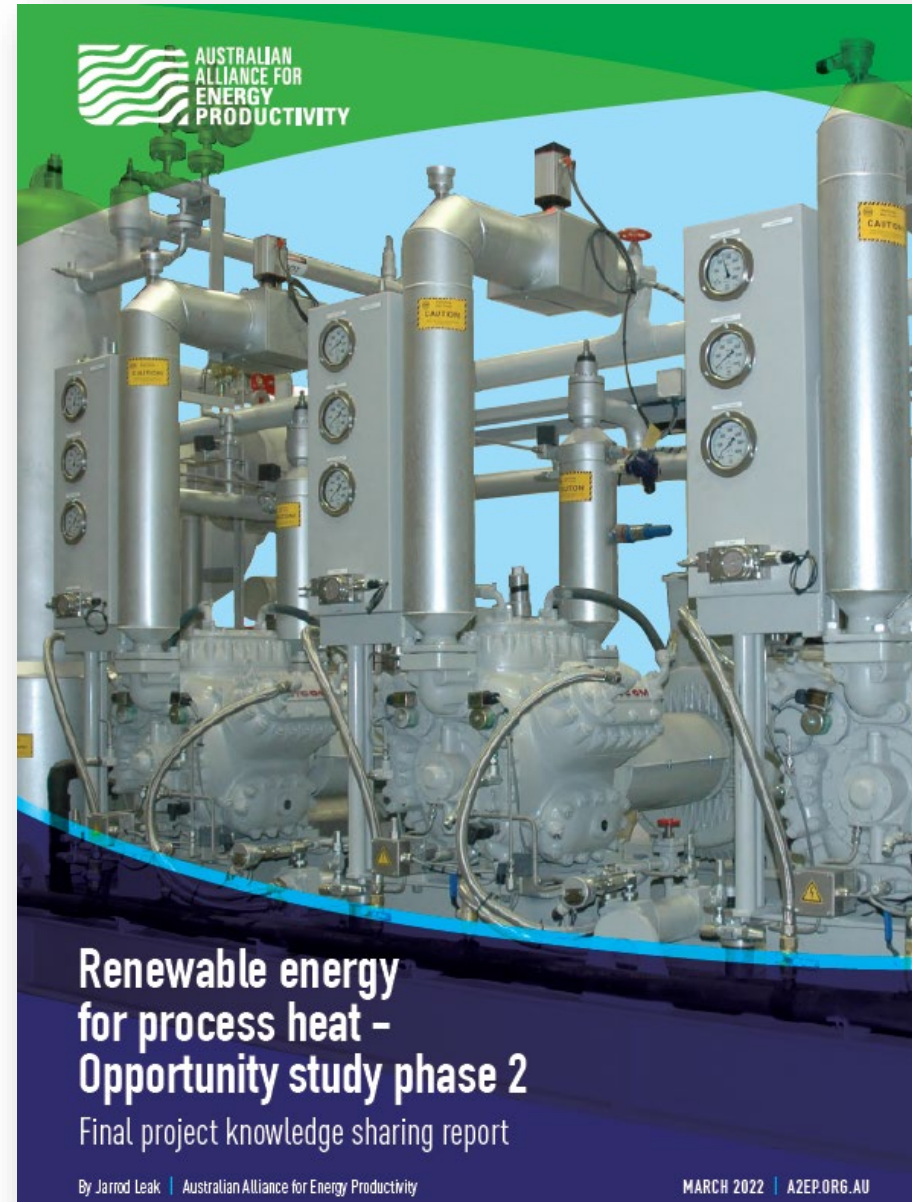
Publications



New publication

A how-to guide for optimising industrial heat pump integration.

View this report at futureheat.info



Upcoming events

May - Energy recovery

June - Heat pump integration principles

June - Heat pump applications

18-19th October – Innovation Xchange

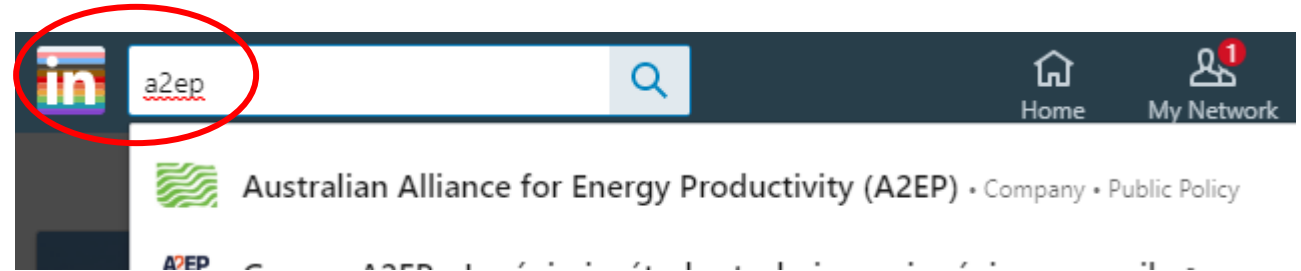
Register to attend these events: www.a2ep.org.au/events

Want more? 3 steps to more A2EP

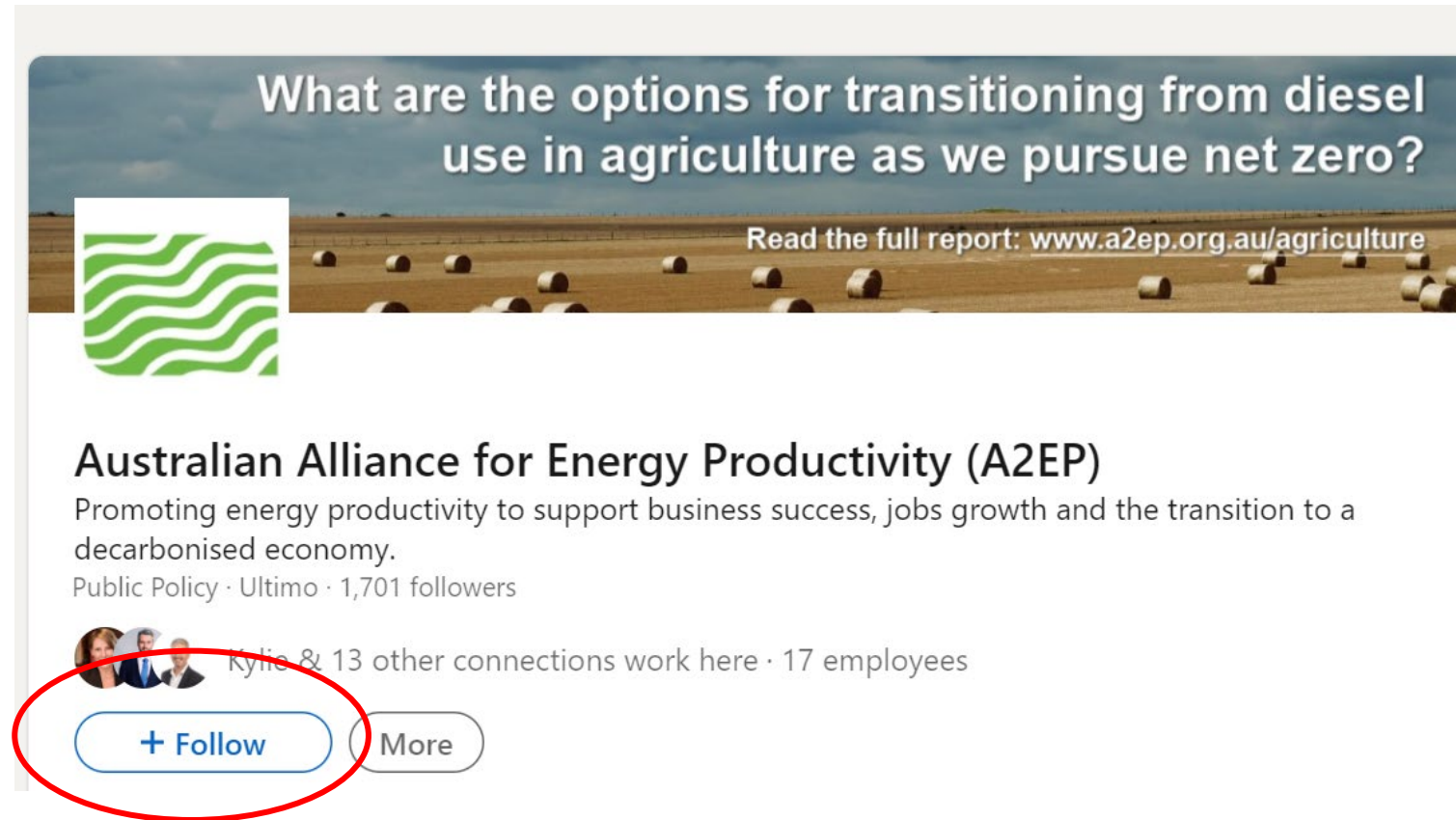
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Chat from the webinar

- **Gary R:** Do you find the industrial sites are instrumented sufficiently or do you have to factor in instrumenting them to get the data? **(live answered)**
- **Abhijit D:** For treating waste water large amounts of energy is required. Industry has a lot of waste heat so what do you think about monitor waste heat along with water, is it already done or do you have any plans for this?
- **Brad Yager:** Great question Abhijit, I agree that wasted heat means wasted energy. Temperature is one of the key measurements that is tracked and optimised in the cleaning process, and there is opportunity to do the same in the water treatment.
- **Jithin W:** What is the capital cost for such a system? And additional things required such as buffer tanks? **(live answered)**
- **Abhijit D:** Good use of a simple reaction turbine mechanism like garden sprinkler.
- **Marwan Baig:** here is the link about burst seat clean for valves, <https://food.alfalaval.com/thinktop-rethought-burst-seat-clean>
- **Danielle K:** Do you have any examples of using this technology (adiabatic cooling) in data centres? Interested to hear about potential savings in that scenario.
- **Roger Ong:** Yes, we have installations in data centres at ANZ in Melbourne.
- **Massimiliano Da'Il Armellina:** Almost no maintenance. Only need to clean filters and pads.
- **Roger H:** I agree with scope 3 focus. Great set of presentations. Thanks to all presenters.
- **Abhijit D:** Thanks to all the presenters and Jarrod for organising this excellent webinar.
- **Danielle K:** Thanks Jarrod and all the speakers. Interesting presentations :)
- **A2EP:** Stay tuned for our upcoming events! More details will be sent in our upcoming newsletter, sign up here: <https://mailchi.mp/a2ep/a2ep-e-news-sign-up-page>