



ENGINEERS
AUSTRALIA

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Exporting Hydrogen, what are the risks and overcoming these risks?

Hosted by: Risk Engineering Society (RES)

Australia is a resource rich country. Exports of wool, wheat, gold, beef, LNG, coal, uranium and other minerals have underpinned the Australian economy for more than 200 years. However, the world now craves energy. But it has to be 'clean' energy. Australia is well placed to generate this clean energy and most, if not all, will come from hydrogen. To do this, a whole new industry has to be created, infrastructure built and teams of talented people assembled. The challenges for the engineering profession and government are:

- How will this happen?
- What are the risks and how to overcome them?

The main groups of risks are social and technology choices to be made.

- What are key social risks?
- How do customers want to receive their energy needs?
- Which technology will work best for the delivery of hydrogen energy?
- Which 'colour' hydrogen should be produced?

This talk will explore those risks and examine mitigation strategies.

About the Speaker

Phil Woodford has more than 25 years' experience working across a range of industries including the petrochemical, food, pharmaceutical, water treatment, renewable energy, fuel storage and dangerous goods industries.

Over the past four years, Phil has been extensively involved in both the Front End Engineering Design (FEED) for the Hydrogen Liquefaction and Loading Terminal (HLLT) at Hastings, Victoria and its detailed design. This work has provided some unique insights into launching the infrastructure required to support a new energy venture. The HLLT facility is approaching the commissioning stage, with the first shipment of liquid hydrogen expected to be exported from Australia to Japan in August 2020 (deferred to mid-2021 due to Covid-19 restrictions).

VENUE

Webinar

DATE & TIME

5.30 pm for a 6.00 pm start
Wednesday 5th August 2020

TICKETS (incl. GST)

EA Members & Students:
Complimentary
Non-members: \$30

REGISTRATIONS CLOSE

Wednesday 5th August 2020
6PM

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