



T I M A R U

Series 8, 2021

# NEW ZEALAND ENERGY FUTURES

Organised by Ron Paulin & Solome Mair

The first lecture in this series is re-scheduled from Series 5 when the lecturer had to cancel.

U3A lectures are for members only.

We regret we're unable to welcome visitors to our lectures – to do so would be unfair to those on the waiting list.

**4<sup>th</sup> Oct**     **Cannot keep it simple: creativity in the 21st century**     *Dr Mark Menzies*

I'd like to introduce you to my creative practice, and it is not simple. I am a musical performer, composer and poet, and it is the combination of these pursuits that fuel my creative thinking, and have led to a career that spans the globe. In my talk I will explain how this could possibly work, and what it has led me to observe about creativity, the arts, and other 21st century challenges.

**11<sup>th</sup> Oct**     **Green hydrogen: commodity chemical and future fuel.**     *Professor Sally Brooker*

This general talk will introduce the hydrogen eco-system, including the existing roles of hydrogen as a key commodity chemical, and the 'colours' of hydrogen, focussing in particular on the production of brown vs green. The future roles of green hydrogen as a commodity chemical and as a zero-carbon emission future fuel will be considered. Finally, the NZ situation, and the aims of the German-NZ green hydrogen team, will be presented.

**18<sup>th</sup> Oct**     **Why we need to Flip the Fleet:  
electric vehicles for a net carbon zero future**     *Dr Henrik Moller*

Transitioning to electric vehicles offers enormous promise for New Zealand's economic, social and environmental wellbeing and resilience. Experience of current EV owners demonstrates that EVs are a practical alternative for many of our transport needs, but they are not a silver bullet or an instant solution. This talk examines the social and economic barriers to EV uptake and suggests ways that they can be overcome.

**2021 PROGRAMME DATES:**

**SERIES 9:** Nov 1, 8, 15

### Meetings

West End Hall, 35a Maltby Avenue, Timaru.

Lectures commence at 1.30 pm and conclude about 2.30 pm with questions to follow. Coffee/tea will be provided after the meeting.

### As a courtesy to our speakers & other members, please ...

**Be seated by 1.20 pm**     Wear your name tag  
Turn your cell phone off     No talking during lectures  
Wait until the end of the lecture before asking questions  
Stand when asking a question, and wait for the microphone

### OFFICE BEARERS AND COMMITTEE

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