



## The Sustainable Engineering Society

*...engineering in harmony with ecology*

### WA SENG Newsletter

## Upcoming events of interest

In these times of social distancing and working from home, webinars, teleconferencing and online learning have become de rigueur and the new norm. In line with this, the WA SENG committee has compiled a list of upcoming events with a sustainability theme that may be of interest to members.



### Innovation in Nuclear

#### Free Webinar by Engineers Australia Sydney Division Nuclear Engineering Panel

Wednesday, 10 June 2020 - 15h00 AWST

Join the EA Sydney Division Nuclear Engineering Panel as they explore the many new nuclear initiatives taking place in the USA.

DOE will review the initiatives, which include the first Small Modular Reactor (SMR) deployment, the Versatile Test Reactor project and the National Reactor Innovation Centre. Australia is involved with the USA in some international projects, especially Gen IV advanced reactors and the International Framework for Nuclear Energy Cooperation (IFNEC).

As Suzanne was unable to leave the USA, her presentation has been recorded and will be played during the webinar, introduced by Robert Pritchard, Executive Director, Energy Policy Institute Australia.

Following the recording, the Hon Taylor Martin, Member of the Legislative Council NSW Parliament will discuss the opportunities for Australia and review the final report of the NSW Nuclear inquiry which he chaired.

The webinar will finish with a Q&A session with a panel of the Hon Taylor Martin, Robert Pritchard and Tony Irwin.

Registration: <https://www.engineersaustralia.org.au/event/2020/05/innovation-us-nuclear>

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## Australia's National Hydrogen Strategy - The Supply/Demand Context

### Free Webinar by the Australian Institute of Energy

Tuesday, 9 June 2020 - 15h00 AWST

"Australia's National Hydrogen Strategy sets a vision for a clean, innovative, safe and competitive hydrogen industry that benefits all Australians. It aims to position our industry as a major player by 2030.

"The strategy outlines an adaptive approach that equips Australia to scale up quickly as the hydrogen market grows. It includes a set of nationally coordinated actions involving governments, industry and the community."  
(Australia's National Hydrogen Strategy – DISER webpage)

As a key part of the development of the Strategy, the Council of Australian Governments (COAG) Energy Council engaged Deloitte to undertake an analysis of the international supply/demand outlook for hydrogen, and to

Growth Scenario Analysis, is published on the COAG Energy Council National Hydrogen Strategy website.

In this webinar, two of the report's authors – John O'Brien and Shari Boyd – will present and discuss the findings and insights arising from their analyses of potential future hydrogen scenarios, and also comment on how these might be impacted in a post-COVID-19 world.

Registration: <https://www.aie.org.au/events/event/aie-sydney-australia-national-hydrogen-strategy-the-supply-demand-context>



## Sustainability and Climate Risk

Free webinar by ACE Company

Thursday, 18 June 2020 - 22h00 AWST

Sustainability and Climate Risk are increasingly hot and inevitable topics within the financial industry: on one hand increasing regulatory requirements and recommendations might make the Sustainable Finance landscape more difficult to navigate; on the other hand clients and investors require more and more for business to have a solid offer in terms of sustainable products.

For this reason it is fundamental for successful businesses to have a clear general overview of the main laws, regulations and recommendations that

opportunities will arise towards a more sustainable and sound financial system.

What we are going to cover during this session:

- Overview of (upcoming) regulations and their potential impact;
- Understanding the risks and opportunities of (upcoming) regulations and how to stay compliant;
- Opportunities arising from sustainability and climate risk for a healthy and successful business.

Registration: <https://www.eventbrite.com/e/sustainability-and-climate-risk-registration-104301165594>



## Greener Plastics Future through Molecular Science

Free Webinar by Institute for Molecular Science and Engineering

Part of the "Greener Plastics Future and Sustainable Materials" webinar series

Wednesday, 8 July 2020 - 23:30 AWST

Plastic pollution has been described as an intractable challenge and as wicked environmental problem. Whilst damage to marine wildlife and attempts to address pollution already in the environment have attracted significant attention, researchers at Imperial College London are investigating new solutions to combat the generation of unrecyclable and irretrievable plastic waste in the first place before it leaks into the environment. Promising

and Engineering has brought together world-leading experts from the Ocean Plastic Solutions Network at Imperial College London and in particular the Greener Plastic Futures project to illustrate the latest work on mechanics of materials, chemical engineering, chemistry and environmental policy, which can significantly contribute to address the causes of plastic pollution.

Link: <https://www.eventbrite.co.uk/e/greener-plastics-future-through-molecular-science-briefing-paper-launch-tickets-107198405316>

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## Detailed Market Review: How is the industry performing?

### Free Webinar by Smart Energy Council

Pre-recorded

This is a recording of the Smart Energy Council Webinar 'Detailed Market Review: How is the industry performing?,' held 22 May 2020. This is the final installment of the Smart Energy Council's 'Commercial PV & Storage' Series.

In this webinar we conduct a market deep dive, focusing on the status of current market to determine how the industry is actually performing amidst the COVID-19 crisis.

Registration: <https://vimeo.com/422299955>



## Eco Lunch Bunch: How Do We Talk About Climate Change

### Free Webinar by Ecology Centre

Thursday, June 18, 2020 - 03h30 AWST

Having conversations about Climate Change can be very difficult and can surface uncomfortable feelings for many. How do we have these conversations with people who don't believe in Climate Change?

A discussion group for sustainability fanatics! Are you passionate about environmental issues? Are you interested in learning and talking about current sustainability topics with members of your community? Look no further- join the Ecology Center for our Eco Lunch Bunch Discussion Series! The Eco Lunch Bunch offers sociable, interactive, discussion-based sessions covering various topics, such as: food literacy, energy, plastics recycling, and climate action.

Registration: <https://www.eventbrite.com/e/eco-lunch-bunch-how-do-we-talk-about-climate-change-tickets-106960222906>

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## First Fuel Podcast

### Free Podcasts by the Energy Efficiency Council

Ongoing

The Energy Efficiency Council's podcast, First Fuel, brings you the latest perspectives on energy efficiency, energy management and demand response from Australia and around the world.

Previous and Upcoming Podcasts: <https://www.eec.org.au/events/First-Fuel-podcast/First-Fuel-podcast-overview>





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