Queensland Energy Club

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NET ZERO AUSTRALIA: PATHWAYS TO DECARBONISATION

ASSOC. PROF. SIMON SMART | THURSDAY 11 APRIL 2024 | HILTON HOTEL, BRISBANE

Associate Professor
Simon Smart
School of Chemical Engineering

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Simon Smart is an Associate Professor in the School of Chemical Engineering, at The University of Queensland. His research is centred around the sustainable production and use of energy and chemicals - including the development of enabling technologies and processes for the production of clean energy, materials and water.

Simon is the UQ project leader for the Net Zero Australia project, which is a collaborative partnership between The University of Queensland, University of Melbourne, Princeton University and Nous Group. The study illustrates net zero pathways that reflect the boundaries of the Australian debate, for both our domestic and export emissions, and applies the approach pioneered by Princeton University's Net Zero America study to Australia, and aims to be technology neutral, evidence driven and non-political.

Simon will discuss how the Net Zero Australia Study examined scenarios and pathways to decarbonise the energy, industrial and transport sectors whilst enhancing the natural land sink, as well as the contribution that Australian exports can make to global decarbonisation. Given the many sources of uncertainty and the contested nature of the net zero challenge, the scenarios in the study varied the rate of electrification, renewable build rates, limits on fossil fuel use, and limits on the usage of carbon capture, utilisation and storage (CCUS).

The study showed that, irrespective of the pathway taken, achieving net zero emissions for both Australia's domestic and export energy systems is an immense challenge and a once-in-a-generation, globally significant and nation-building opportunity. The study also indicates that, we will have to deliver an energy transformation that is unprecedented in scale and pace, while embracing the opportunity to transform our exports to be an essential contribution to the global decarbonisation effort. The need to invest in our people and our lands to share benefits and reduce impacts is also highlighted in the study.

Simon holds a PhD and Bachelor of Engineering (Chemical Engineering), from The University of Queensland.

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The Queensland Energy Club will be holding the second event of the 2024 Scheduled Lunch Event Series at the Brisbane Hilton on Thursday 11 April 2024.

Registration and networking drinks will commence at 11.45am - 12.20pm. A two-course lunch will be served at 12.30pm, with the event to conclude at 2.00pm.

The Hilton Hotel is located in the heart of Brisbane's CBD, at 190 Elizabeth Street, Brisbane. Please enter via the Elizabeth Street entrance or via the Queen Street Mall and take the lift to the Grand Ballroom located on Level 5.

The dress code is strictly business attire.

Bookings are essential, and tickets sell fast. To reserve a seat or table, please click the button below or email **sally@qldenergyclub.com.au**

Individual bookings:
$225 + $22.50 (GST) = $247.50

BOOK SEAT

Corporate Sponsor Table of 8:
$2,250 + $225 (GST) = $2,475

BOOK TABLE

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