

The UQ Energy Initiative is pleased to announce its inaugural **UQEI Energy Perspectives 2014** conference. The annual conference provides business and community leaders, researchers, policy makers and members of the public with an insight into the grand challenges facing us as we move forward and embrace our energy future.

From emissions reduction constraints, the carbon budget and low-emission technologies to electricity pricing, energy security and energy access, this year's inaugural event will consider the big issues impacting not only Australia but the world.

In addition to our UQ Energy Experts, the UQ Energy Initiative is pleased to welcome a number of guest speakers, including

- Ian Cronshaw, Consultant to the Office of the Chief Economist at the International Energy Agency
- Dr Ron Loveland, Energy Advisor to the Welsh Government
- Robert Pritchard, Executive Director of the Energy Policy Institute of Australia
- Tony Wood, Energy Program Director at the Grattan Institute.

Ian Cronshaw, co-author of the 2014 edition of the World Energy Outlook (WEO), will present his perspectives on key messages from the recently released WEO, including energy projections with strategic insights into energy security, investment and international energy trends. Ron Loveland will focus on the UK's approach to energy policy and the importance of engagement at national, local and individual levels. Closer to home, Robert Pritchard will provide insights into the recently released Energy Green Paper and his view on Australia's future energy vision and Tony Wood will consider drivers for future energy affordability.

After a range of presentations exploring the challenges we face and showcasing the breadth of expertise across UQ, the one-day event will conclude with a hypothetical discussion on energy and climate policy trends. Featuring business, research and community leaders, the panel will be taken through a range of hypothetical scenarios exploring policy choices and implications for governments, businesses and households. This will be a memorable trip into the future as our experts discuss and debate the potential ramifications of our current and future energy choices.

When Thursday, 20 November 2014 from 8:30am-5:00pm
With networking drinks from 5:00-6:00pm

Where The University of Queensland
GHD Auditorium in the Advanced Engineering Building (49-200)
Staff House Rd, St Lucia
[View map](#)

RSVP Admission is complimentary but seats at this event are limited, so please RSVP and indicate any dietary requirements by Monday, 17 November 2014
[Register here](#)

Session Themes and Speakers	
SESSION: WORLD & POLICY	
8:30 –	Introduction
8:35	- Professor Chris Greig, Director, UQ Energy Initiative (UQ)
8:35 –	Welcome
8:45	- Professor Monique Skidmore, Deputy Vice-Chancellor (International) (UQ)
8:45 –	The 2014 World Energy Outlook – update and key trends
9:15	- Ian Cronshaw, Consultant to the Office of the Chief Economist at the International Energy Agency
9:15 –	Good energy policies and the importance of effective public engagement
9:45	- Dr Ron Loveland, Energy Advisor to the Welsh Government
9:45 –	Preparations for the new Energy White Paper – an integrated, national energy vision?
10:10	- Robert Pritchard, Executive Director, Energy Policy Institute of Australia
10:10 –	Panel session Q&A
10:30	- Ian Cronshaw - Dr Ron Loveland
	- Robert Pritchard
Morning tea	
SESSION: ENERGY & EMISSIONS	
Chair: Keith Orchison, Director, Coolibah Pty Ltd	
11:00 –	Meeting the two degrees scenario – the carbon budget and emissions reduction
11:20	constraints
	- Professor Andrew Garnett, Director of the Centre for Coal Seam Gas, Sustainable Minerals Institute (UQ)
11:20 –	A new generation of renewables – increasing solar efficiency using sustainable high-tech materials
11:40	- Professor Paul Meredith, Director of UQ Solar, Global Change Institute (UQ)
11:40 –	Advanced nuclear technology – low cost, low carbon, power generation for competitive
12:00	industries
	- Professor Eric McFarland, Director, Dow Centre for Sustainable Engineering Innovation (UQ)
12:00 –	Panel session Q&A
12:30	- Professor Andrew Garnett - Professor Paul Meredith
	- Professor Eric McFarland - Professor Hal Gurgenci, Director, Queensland Geothermal Energy Centre of Excellence (UQ)
Lunch	

	<p>SESSION: ENERGY IN SOCIETY Chair: Dr Jim Underschultz, Professorial Chair of Petroleum Hydrodynamics, Centre for Coal Seam Gas, Sustainable Minerals Institute (UQ)</p>
13:30 – 13:50	<p><i>Energy affordability – where to from here and will Australians, Europeans or Americans be getting the best deal?</i> - Tony Wood, Energy Program Director, Grattan Institute</p>
13:50 – 14:10	<p><i>Energy security – contributions from agriculture to biofuel and biomaterial production</i> - Professor Robert Henry, Director, Queensland Alliance for Agriculture and Food Innovation (UQ)</p>
14:10 – 14:30	<p><i>Energy literacy and communication – public perceptions, and what businesses and households are hearing</i> - Peta Ashworth, Adjunct Associate Professor of Sociology, School of Social Science (UQ)</p>
14:30 – 14:50	<p><i>Energy poverty – the forgotten dimension of the energy trilemma</i> - Professor Chris Greig, Director, UQ Energy Initiative (UQ)</p>
14:50 – 15:20	<p><i>Panel session Q&A</i> - Tony Wood - Peta Ashworth - Professor Robert Henry - Professor Chris Greig</p>
Afternoon tea	
15:50 – 16:50	<p>SESSION: HYPOTHETICAL DISCUSSION Moderator: Keith Orchison, Director, Coolibah Pty Ltd</p> <p><i>The climate casino – will the Australian energy and carbon abatement policy dice land on mandates, market-based mechanisms, or gestures?</i></p> <p>Panellists:</p> <ul style="list-style-type: none"> - Peta Ashworth, Adjunct Associate Professor of Sociology, School of Social Science (UQ) - Allyson Black, Business Improvement Manager, Lytton Refinery, Caltex Australia - Professor Andrew Garnett, Director of the Centre for Coal Seam Gas, Sustainable Minerals Institute (UQ) - Professor Eric McFarland, Director, Dow Centre for Sustainable Engineering Innovation (UQ) - Mike Swanston, Group Manager Customer Services, Energex - Tony Wood, Energy Program Director, Grattan Institute
16:50 – 17:00	<p><i>Concluding remarks</i> - Professor Chris Greig, Director, UQ Energy Initiative (UQ)</p>
Finish	
17:00 – 18:00	Networking and light refreshments

Premise for the hypothetical:

The climate casino – will the Australian energy and carbon abatement policy dice land on mandates, market-based mechanisms, or gestures?

The year is 2025.

What does Australian climate and energy policy look like? Did we meet our emissions reduction targets for the second commitment period of the Kyoto Protocol? What are our new targets, if indeed there are any? How is the carbon budget tracking, and are we still fixated on achieving two degrees? And whatever happened to carbon pricing and direct action?

What are our energy technology targets? Have we stopped exporting coal? Have renewables taken over and do we have a RET? Is nuclear about to come online? And what about our liquid fuel security? Has the furore around CSG faded? And what happened to LNG/ FLNG and domestic market supply?

How has industry responded? Have the large corporations followed divestment strategies? What's happened with employment – jobs before climate, or climate before jobs?

Do we still have a NEM? How much are we paying for electricity? And how is demand side management impacting the generation and distribution sectors?

Have innovation and R&D taken off or been kicked to the curb? And where's the funding coming from?

Do we live in an energy literate society or are the big issues still incomprehensible and obscured by gibberish?

And where does the media fit in all of this?