



ENGINEERS
AUSTRALIA

Our Climate & Energy Dilemma – emergency action and transition implications

Join Engineers Australia's Sustainable Engineering Society for the Brisbane event of the National Climate and Sustainability series. 22 September, 2016.

BACKGROUND

The IPCC 5th Assessment Report which is approved for release by UN member states is an inherently conservative document. In particular, it mentions, but does not quantify, the “tipping point” risks of the climate system. Scientists have long been concerned about these non-linear feedback mechanisms which may trigger rapid, irreversible and catastrophic change. New evidence suggests this may now be happening!

Many scientists are advising that to avoid catastrophic outcomes we must take emergency action now to halt new fossil-fuel investment, and to rapidly wean ourselves off established fossil-fuel use. We have solutions, but thus far have lacked the will to implement them. Can leadership come from the political and corporate incumbency? Or will greater pressure from the community be needed. In this regard particular leadership from informed professions such as engineers, scientists, and from the investor community will be essential.

CONTENT

Ian Dunlop will put forward the case for emergency action on climate change with a focus on the link between energy and climate risk.

Neil Greet will layout transition strategies to address the risks associated with climate change and discuss the transition implications. Energy security and building resilience by reforming the grid, addressing transport energy and future proofing our cities.

A panel discussion will allow us all to consider and discuss our current progress and plans. This is an area in which engineers should be leading the way: Are we doing enough? What more can we do?

WHO SHOULD ATTEND?

Engineers who are concerned about Climate Change in Australia and the urgent action on transition to low emissions energy economy and adaptation impacts on Industry, Business and community.

IAN DUNLOP



Ian is formerly a senior oil, gas and coal executive, chair of the Australian Coal Association and CEO of the Australian Institute of Company Directors. He chaired the Australian Coal Associations in 1987-88. From 1998- 2000 he chaired the Australian Greenhouse Office Experts Group on Emissions Trading which developed the first emissions trading system design for Australia. From 1997 to 2001 he was CEO of the Australian Institute of Company Directors. Ian has a particular interest in the interaction of corporate governance, corporate responsibility and sustainability.

NEIL GREET



Neil is the owner of the consultancy Collaborative Outcomes which provides strategic advice on resiliency and humanitarian action to Federal and State Government agencies, Industry and non-government organisations. He is the co-author of the Engineers Australia Report “Energy Security for Australia: Crafting a comprehensive energy security policy”. Neil also served in the Australia Defence Force with operational service in Iraq and Timor Leste, led projects in several remote indigenous communities and played a key role in Defence’s response to Victoria’s 2009 ‘Black Saturday’ disaster. Neil is a civil engineer and was the 2015 President of Engineers Australia Canberra Division.





TICKETS

Brisbane:

5.30pm Registration, 6.00pm Start – 8.00pm (live streamed), 8.00 – 8.30 Networking (drinks and finger food) (AEST)

Engineering House Hawken Auditorium, 447 Upper Edward Street Brisbane

EA and SENG Members \$25.00 incl gst

Non Members \$55.00 incl gst

Melbourne:

5.30pm Registration, 6.00pm Start – 8.00pm, 8.00 – 8.30 Networking (drinks and finger food) (AEST)

Engineers Australia Learning Hub, 31 Bourke Street Melbourne

EA and SENG Members \$15.00 incl gst

Non Members \$45.00 incl gst

Darwin:

5.00pm Registration, 5.30pm Start – 7.30pm, 7.30 – 8.00 Networking (drinks and finger food) (ACST)

Engineers Australia Auditorium, 9 Cavenagh Street, Darwin

EA and SENG Members \$15.00 incl gst

Non Members \$45.00 incl gst

Adelaide:

5.00pm Registration, 5.30pm Start – 7.30pm, 7.30 – 8.00 Networking (drinks and finger food) (ACST)

Engineers Australia Sir Robert Chapman Theatre, Level 11, 108 King William Street Adelaide

EA and SENG Members \$15.00 incl gst

Non Members \$45.00 incl gst

Webinar:

6.00pm start – 8.00pm (AEST)

Login details will be emailed out upon registration

EA and SENG Members \$10.00 incl gst

Non Members \$40.00 incl gst

DATE & TIME

Thursday, 22 September 2016

5.30 for 6.00 start	
6.00 – 6.10	Introductions
6.10 – 6.40	Ian Dunlop – The case for emergency action
6.40 – 6.45	Questions
6.45 – 7.15	Neil Greet – Energy security and transition in the Australian context
7.15 – 7.20	Questions
7.25 – 7.55	Panel Discussion
The event will be webcast and questions will be encouraged from local and remote audience members.	
7.55 – 8.00	Wrap up
8.00 – 8.30	Networking (with drinks and finger food).

