



ENGINEERS  
AUSTRALIA

## EMINENT SPEAKER TOUR

### Dr. Mark Diesendorf

Associate Professor and Deputy Director, Institute of Environmental Studies, University of New South Wales



#### A SUSTAINABLE ENERGY FUTURE FOR AUSTRALIA

If we replaced all the fossil fuelled power stations of the Australian national electricity market by commercially available renewable energy systems, how reliable would the renewable electricity supply system be?

What would be the respective costs of the 100% renewable energy system, an efficient fossil fuelled system and fossil fuelled systems with hypothetical carbon capture and storage and under what conditions would 100% renewable energy systems break-even with the various fossil fuelled systems?

Dr. Mark Diesendorf will discuss the answers to these questions, encouraging a renewable energy future in terms of reliability and economics.

Currently, Dr. Mark Diesendorf is researching rapid mitigation of global climate change and, in particular, integrating renewable energy on a large scale into electricity-demand systems.

#### DATES

<b>Melbourne</b>	17 Feb 2015
<b>Hobart</b>	18 Feb 2015
<b>Brisbane</b>	25 Feb 2015
<b>Adelaide</b>	17 March 2015
<b>Perth</b>	18 March 2015
<b>Darwin</b>	25 March 2015
<b>Sydney</b>	7 April 2015
<b>Canberra</b>	9 April 2015
<b>Webinar</b>	7 April

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