



Alfred Deakin Lecture Series 2010 Programme of Events

Sunday 6 June

Opening Keynote Address: Innovation in a Changing Climate *Tim Flannery*

5:30 – 6:30pm Melbourne Town Hall, corner of Swanston and Collins Streets

Series curator Professor Tim Flannery kicks off the programme with a wide-ranging analysis of the current climate change debate. Public understanding and political responses have come a long way from when his book *The Weather Makers* was published. How and why has progress slowed in the past six months? What are the key issues facing us post-Copenhagen? What does innovation mean in this context? And how are we to live, better, in this Brave New World we face?

Monday 7 June

Future Energy Solutions: Powering a Sustainable Tomorrow *TBA (wheelercentre.com)*

5:30 – 6:10pm Keynote Lecture

6:10 – 6:30pm Interval

6:30 – 7:30pm Ben McNeil, Prasad Menon, Michael Bielinski

BMW Edge, Federation Square, Melbourne

New world or not, it's clear that the old ways of generating and using energy must change. However, if our coal-fired power plants are a thing of the past, what does the future look like? Wind turbines or solar panels, nuclear power plants or 'clean coal' solutions – what does it mean to find renewable, sustainable and green answers to the energy challenge, not only in Australia, but for the world? How can this transformation occur and what might it mean?

Tuesday 8 June

Emissions Trading: Dead or Alive? *Denny Ellerman & Richard Folland*

2:00 – 2:45pm Keynote Lectures

2:45 – 3:00pm Interval

3:00 – 4:00pm Denny Ellerman, Richard Folland, Elaine Prior, Martin Parkinson

BMW Edge, Federation Square, Melbourne

Wherever the conversation about climate change goes in the year ahead, it's guaranteed that at the centre of the Australian discussion sits two acronyms: ETS and CPRS. But what do either of them really mean? The financial challenges of affecting the necessary change may be sizable, but is the government search for the best 'scheme' just a distraction from the main event? Caps and trades, carbon taxes and emissions trading schemes may be being presented as solutions, but have any of them worked, and what can we learn from the experience so far?

Tuesday 8 June

Greening Capitalism: Green Bonds, Funding Clean Energy, Banks and Global Funds *David Blood*

5:30 – 6:15pm Keynote Lecture

6:15 – 6:30pm Interval

6:30 – 7:30pm David Blood, James Cameron

BMW Edge, Federation Square, Melbourne

Climate change discourse isn't all photos of worried polar bears and winsome children. Even amongst those who accept that we're facing a time of monumental change, one question niggles about the change ahead: what's it all going to cost? Some say less than the price of a coffee a week, some believe it will mean a loss of economic competitiveness. What are we to believe? And maybe cost is the wrong way of thinking about how the world of finance should be facing the upheaval ahead. Does systemic change represent as great an opportunity as it does a challenge? How do you make sure good climate strategy equals good business?

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Wednesday 9 June

Carbon Down on the Farm *Johannes Lehmann*

2:00 – 2:45pm Keynote Lecture

2:45 – 3:00pm Interval; *Between Dr Lehmann's lecture and our panel of experts, Michael Inwood will demonstrate his innovative electric ute.*

3:00 – 4:00pm Johannes Lehmann, Stephen Joseph, Michael Inwood, Andrew Broad, Alan Lauder

Bendigo Town Hall, 189-193 Hargreaves Street, Bendigo

How we manage, exploit and protect our land has always had fundamental implications for our civilisation. Might this also be true for our response to the climate problem? Can we really tackle climate change, enhance agricultural production, generate energy *and* lock carbon into our soils? If so, how?

Wednesday 9 June

Prosperity Without Growth *Tim Jackson*

7:30 – 8:30pm Keynote Lecture

BMW Edge, Federation Square, Melbourne

So much analysis of how we respond to climate change assumes that economic growth and emissions reduction are compatible goals. But is this wishful thinking? To question maximising economic growth as an organising principle of society seems close to economic heresy. But is there any evidence that we can de-link consumption and economic growth from emissions growth? Must we re-think the very notion of growth and what it means to be genuinely prosperous? As in his acclaimed book, *Prosperity Without Growth*, Professor Tim Jackson helps us both understand and chart a course to a new, truly rich and lasting human prosperity.

Thursday 10 June

Innovation, Energy and Climate Change in the Developing World *Malini Mehra*

5:30 – 6:15pm Keynote Lecture

6:15 – 6:30pm Interval

6:30 – 7:30pm Malini Mehra, Prasad Menon, Jon Barnett

BMW Edge, Federation Square, Melbourne

Humanity has never faced a problem like this before: a problem with no boundaries, caused by the very dynamics that have led to economic growth and human betterment. So it's little wonder that as countries deliberate about responsibility, it is clear the divide between the developed world and the rest remains keenly felt. Who should take the lead? Why should responses be equal when little else is? From China and India to South Africa or Tuvalu, one country's 'innovation' might just be the next's undoing.

Friday 11 June

The Ethics of Climate Change: The Moral Case for Tackling the Climate Problem *Peter Singer, Kartikeya Sarabhai, Tim Soutphommasane*

5:30 – 6:30pm Keynote Presentations

6:30 – 6:45pm Interval

6:45 – 7:30pm Peter Singer, Kartikeya Sarabhai, Tim Soutphommasane

BMW Edge, Federation Square, Melbourne

Amidst all the political and policy debate, the technical discussions and the controversies surrounding the science vs the sceptics, it is easy to forget the human impacts of the choices we make. Not just the big choices regarding policy, energy and infrastructure but the daily choices we face: what to buy, whether to travel, how to live. Must we fail to tackle the climate problem if we fail to change the way we think and act?

Saturday 12 June



Innovating the Cities: Design, Planning and Architectural Solutions in the Urban Environment *David Owen*

1:30 – 2:15pm Keynote Lecture

2:15 – 2:30pm Interval

2:30 – 3:30pm David Owen, Bruce Taper, Melinda Dodson, Sue Holliday

BMW Edge, Federation Square, Melbourne

To address the climate problem, the high emissions energy and transport systems on which the provision of electricity and mobility depend must change. The bulk of these changes must happen where most of us live: in cities. Fifty percent of humanity now lives in cities and it is here that seventy-five percent of the world's energy is used, and around seventy percent of our greenhouse gases are emitted. But how far can prevailing assumptions regarding the city, and what a sustainable city is, take us? How do we overcome our assumptions about suburbia, green 'spaces' and pursue development that promotes lively, attractive and sustainable places where we can live and work?

Saturday 12 June

Politics of Climate Change

5:30 – 7:00pm Malcolm Turnbull, Baroness Valerie Amos, Tim Flannery, Nick McKim

BMW Edge, Federation Square, Melbourne

Effective climate policy must affect decisions on matters as apparently disparate as energy, economics, transport, infrastructure, investment and the environment. And this must be at a local, state, national and international level. It needs to achieve continuity beyond short term electoral cycles. It is likely to involve some cost for current electorates to reduce the costs on future generations when the ties some of us feel to future generations may be weak. How can a new politics of climate change help create the democratic case and will for change? How can new political leadership forge the political space for effective policy in Australia and elsewhere? Is this perhaps the hardest challenge of all?

Alfred Deakin Lecture Series 2010 Speaker Biographies

Tim Flannery is a writer, scientist and explorer. He has written many award-winning books including *The Future Eaters*, *Throwim Way Leg* and *Country*. In 2005 *The Weather Makers* was published and became an international bestseller. He is a member of the Wentworth Group of Concerned Scientists, the National Geographic Society's Australasian representative and a director of the Australian Wildlife Conservancy. In January 2007 Tim Flannery was named Australian of the Year and in 2008, he was Chair of the Copenhagen Climate Council.

Nick Rowley is a Director of Kinesis, a Sydney-based firm working with government and private clients on tackling the climate problem and achieving measureable, reportable and verifiable greenhouse emission reductions. Previously, Nick has worked for more than ten years at the centre of government on sustainability, climate change and broader policy and political strategy in Australia and the UK, as an advisor to British Prime Minister Tony Blair and NSW Premier Bob Carr. Nick is also a regular commentator on climate issues in the Australian and international media.

Ben McNeil is Senior Research Fellow at the Climate Change Research Centre at UNSW and sits on the executive of the Federation of Australian Scientific and Technological Societies (FASTS). He is author of *The Clean Industrial Revolution: Growing Australian Prosperity in a Greenhouse Age*.

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Michael Bielinski is Executive Manager for Strategic Marketing and Emergent Technologies for Siemens Ltd's Pacific Cluster. He has 30 years experience in local and international power generation and transmission. Michael is currently responsible for the commercialisation of emerging technologies in the energy sector.

Denny Ellerman is a leading energy economist and recognised internationally as an authority on emissions trading and coal economics. He spent 13 years as executive director of MIT's Center for Energy and Environmental Policy Research and 18 years with the US Government.

Richard Folland is Managing Director of Climate Strategies, a UK-based international research organisation. Richard previously worked for the British Foreign and Commonwealth Office on environment policy and was an advisor on climate and energy at JP Morgan.

Elaine Prior is a Director and Senior Analyst at Citi Investment Research & Analysis in Sydney, responsible for industry thematic and ESG/sustainability research. She previously worked in investment research and funds management and was a top-rated BHP analyst for several years.

Martin Parkinson is Secretary of the Department of Climate Change, as part of the Prime Minister and Cabinet portfolio. His appointment followed six years as Deputy Secretary in Treasury with responsibility for domestic and international macroeconomic issues and as Deputy Secretary of the Climate Change Group.

David Blood is a Senior Partner of Generation Investment Management, a fund management business dedicated to long-term investment and integrated sustainability research. Previously, David served as co-CEO and CEO of Goldman Sachs Asset Management.

James Cameron is one of the world's pre-eminent experts in developing market-based policy responses to climate change. He is Vice Chairman of Climate Change Capital, a leading investment-banking group specialising in the commercial opportunities created by a low carbon economy.

Johannes Lehmann is Associate Professor of soil biogeochemistry and soil fertility management at Cornell University. During the past 10 years, he has focused on nano-scale investigations of organic matter and the development of bioenergy systems. Dr. Lehmann is co-founder and Chair of the Board of the International Biochar Initiative.

Stephen Joseph is Managing Director of Anthrotterra Pty Ltd. Dr Joseph is a Fellow of the Australian Institute of Energy, a chartered engineer and has been a senior adviser to both commercial, government and non-government organisations, in renewable energy, biofuels, and sustainable agriculture and forestry.

Michael Inwood practices No Kill Cropping on his farm 'Toulon' in Bathurst, NSW. He has developed an electric ute with which he pulls the Agropow AD Hybrid Discdrill that he uses to sow using No Kill Cropping techniques. The ute will be on display in Bendigo as part of the *Carbon Down on the Farm* session at the 2010 Deakins.

Andrew Broad is president of the Victorian Farmers Federation. He was the recipient of an Australia Day Award in recognition of community service. In 2006 he was one of twelve Australian delegates at the International Federation of Agricultural Producers World Young Farmer Congress in Buenos Aires, Argentina.

Alan Lauder has spent 30 years operating a successful rural operation and increasing understanding of the carbon cycle in the grazing industry. Alan is a frequent media commentator, has had ongoing interaction with the scientific community, and is author of *Carbon Grazing*.

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Tim Jackson is Professor of Sustainable Development at the University of Surrey and Director of the Research group on Lifestyles, Values and Environment (RESOLVE). Since 2004, Professor Jackson has been Economics Commissioner on the UK Sustainable Development Commission and is the author of its controversial and groundbreaking report, now updated and expanded in the book *Prosperity Without Growth: Economics for a Finite Planet*. In addition to his academic work he is an award-winning playwright with numerous radio-writing credits for the BBC.

Malini Mehra is founder and CEO of the Centre for Social Markets. She served as adviser to UN Secretary General Kofi Annan on UN-civil society relations and was the architect of the UK government's pioneering sustainable development dialogues with China, India, Brazil, Mexico and South Africa.

Prasad Menon has been Managing Director of Tata Power, India's largest privately owned power company, since 2006. He served in various capacities in ICI's chemicals, pesticides and fertiliser divisions for 20 years and took over as the Managing Director of Tata Chemicals in October 2000.

Jon Barnett is a political geographer and Australian Research Council Fellow at Melbourne University. He is convenor of the National Research Network on the social and economic dimensions of climate change, and on the Scientific Steering Committee of the Global Environmental Change and Human Security Project.

Peter Singer is Ira W. DeCamp Professor of Bioethics in the University Center for Human Values at Princeton University and Laureate Professor at the University of Melbourne. Author of over 25 books on ethics, his most recent is *The Life You Can Save*.

Kartikeya Sarabhai is the founding director of the Centre for Environment Education, India. He is a member of the Earth Charter International Council and vice-chair of the Indian National Commission for the International Union Conservation of Nature. He is also editor of the *Journal of Education for Sustainable Development*.

Tim Soutphommasane is a political theorist, commentator and author of *Reclaiming Patriotism: Nation-Building for Australian Progressives*. A research fellow at Monash University's National Centre for Australian Studies and a senior project leader at the Per Capita think tank, Tim has written widely for the British and Australian press.

David Owen has been a staff writer for *The New Yorker* since 1991. He is the author of more than a dozen books, most recently *Green Metropolis: Why Living Smaller, Living Closer, and Driving Less are the Keys to Sustainability*.

Bruce Taper is a Director of Kinesis, a Sydney-based firm working with government and private clients on tackling the climate problem and achieving measureable, reportable and verifiable greenhouse emission reductions. Prior to that he has worked in planning, government and the energy sector.

Melinda Dodson is a Principal Architect with multi-disciplinary international practice GHD. She has worked as design architect on many award-winning projects and in 2009, she was elected National President of the Australian Institute of Architects. Her primary focus is on sustainable cities and architecture.

Sue Holliday is Managing Director of Strategies for Change, a small strategic consultancy specialising in urban and regional planning. As former Director General of Planning in NSW, she was responsible for leading, managing and reforming the planning system.

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Baroness Valerie Amos is the British High Commissioner to Australia. Prior to this appointment, she was made a British Labour life peer and served as Leader of the House of Lords and Lord President of the Council. She was appointed Secretary of State for International Development in 2003.

Malcolm Turnbull is former Minister for Environment and Water Resources, former leader of the Federal Opposition and Member for Wentworth. He has worked in the law, journalism and the corporate sector, as well as being the driving force behind the Australian Republican Movement.

Nick McKim became the Leader of the Tasmanian Greens in 2008, and his portfolio responsibilities include Treasury and Employment, Climate Change, Attorney-General and Justice, Education, and Economic Development. He was re-elected with increased support in 2010.

ALL EVENTS ARE FREE, BOOKINGS STRONGLY RECOMMENDED.

For bookings and information wheelercentre.com

For all Alfred Deakin Lecture Series media enquiries contact Peter Bridges

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