

### **Professor Ian Lowe AO**

Professor Lowe is an emeritus professor of science, technology and society at Griffith University, and an adjunct professor at Sunshine Coast University and Flinders University. Professor Lowe studied engineering and science at the University of NSW and earned his doctorate in physics from the University of York. He is the author or co-author of 10 Open University books, 10 other books, more than 50 book chapters and over 500 other publications or conference papers.

In 2001 Professor Lowe was made an Officer of the Order of Australia for services to science and technology, particularly to the area of environmental studies. In 2002 he was awarded a Centenary Medal for contributions to environmental science and won the Eureka Prize for promotion of science. Professor Lowe is a Fellow of the Australian Academy of Technological Sciences and Engineering and was named Humanist of the Year in 1988.

In 1988 Professor Lowe was Director of the Commission for the Future, and chaired the advisory council that produced the first independent national report on the state of the environment in 1996. He has also been a referee for the Inter-Governmental Panel on Climate Change, attended the Geneva and Kyoto conferences of the parties to the Framework Convention on Climate Change

and was a member of the Australian delegation to the 1999 UNESCO World Conference on Science.

In 2004, Professor Lowe was elected ACF President. He has spent his time as head of ACF using his status as one of the world's foremost climate change scientists to promote awareness of climate change in Australia and the world. In 2009, Professor Lowe won the International Academy of Science's Konrad Lorenz Gold Medal carrying the title: 'Hope for the Future for a Sustainable World'.



### **Allan Jones MBE**

Allan is Chief Development Officer, Energy and Climate Change of the City of Sydney. Allan is also a Board member of the National Climate Change Adaptation Research Facility (NCCARF). Prior to his appointment Allan was Chief Executive Officer of the London Climate Change Agency (LCCA) and prior to that Woking Borough Council's Director of Thamesway Ltd.

Allan's role at the City is to deliver its Green Infrastructure Plan and major energy and climate change projects, including trigeneration, renewable energy, alternative waste treatment, automated waste collection and decentralised water. Since his appointment 2 years ago the City has reduced greenhouse gas emissions in its own buildings and operations by 17% and is well on the way to reducing its emissions by 70% by 2013/14 as well as setting in place the green infrastructure for its Local Government Area.

During his time in London Allan set up and ran the LCCA, developed the energy and climate change elements of the London Plan, Mayor's Climate Change Action Plan and the Mayoral Climate Change Statutory Duty as well as developing and implementing decentralised energy and renewable energy projects in London.

During his time at Woking, Allan reduced CO<sub>2</sub> emissions by 77.5% from 1990 levels to 2004 and undertook groundbreaking work on energy efficiency, trigeneration, renewable gases from waste, alternative fuels for transport, renewable energy and fuel cells. Under Allan, Woking installed 81 private wire decentralised energy systems, nearly 10% of the UK's total installed solar energy photovoltaics and the first fuel cell CHP in the UK.

Allan was appointed a Member of the British Empire in 1999 for services to energy and water efficiency and was instrumental in Woking Borough Council gaining the Queen's Award for Enterprise: Sustainable Development 2001 in the development of Local Sustainable Community Energy Systems, the only local authority ever to receive a Queen's Award for Enterprise.



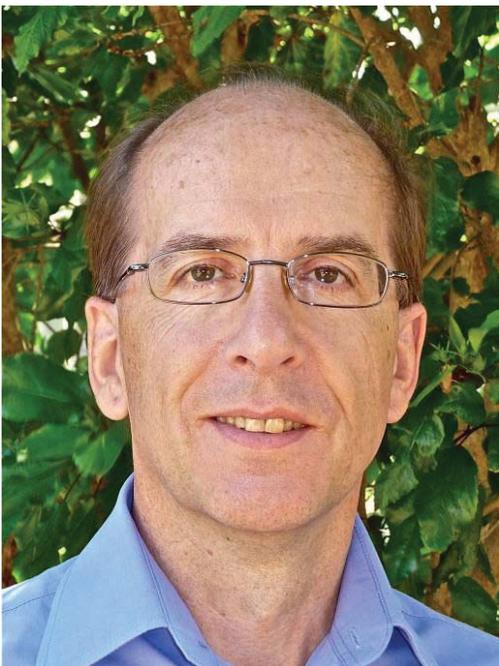
### Professor Peter Newman

Peter Newman is Professor of Sustainability at Curtin University. He is on the Board of Infrastructure Australia and is a Lead Author for Transport on the Inter-Governmental Panel on Climate Change (IPCC). He has three recent books: '*Technologies for Climate Change Mitigation: Transport*' for the UN Environment Program, '*Resilient Cities: Responding to Peak Oil and Climate Change*' and '*Green Urbanism Down Under*' for Island Press.

In late 2011 Peter was awarded the Sidney Luker medal by PIA (NSW) for his contribution to the science and practice of town planning in Australia.

In 2001-3 Peter directed the production of WA's Sustainability Strategy in the Department of the Premier and Cabinet. In 2004-5 he was a Sustainability Commissioner in Sydney advising the government on planning and transport issues. In 2006/7 he was a Fulbright Senior Scholar at the University of Virginia Charlottesville.

Peter has a long term interest in remote Indigenous settlements and as part of the supervision of a PhD student he helped to create the Northern Alliance of road agencies to put together a new way of delivering road infrastructure for remote Indigenous settlements.



### Dr Paul Downton

Prize-winning architect and urbanist, futurist and professional writer on architecture, ecocities, environment and the arts, Dr Paul Downton is an established and respected architect who consults on urban ecological issues and ecocity design.

The practicality of his visionary proposals for ecological cities is underscored by years of research and by architectural projects that include high profile green buildings for the Adelaide Zoo and the Australian National University.

He is the driving force and designer of the Christie Walk Ecocity development in Adelaide, Australia, which has gathered international awards and has been widely published as a case study for ecologically and socially sustainable urban development.

Dr Downton is a graduate from the Welsh School of Architecture at the University of Wales and his doctorate is in environmental studies from the University of Adelaide. He is a skilled educator and presenter and an international speaker with a background that includes nearly 30 years of teaching architecture, two of which were at Yarmouk University in Jordan.

He was the founder of Urban Ecology Australia, a not-for-profit group dedicated to sustainability education and advocating the rapid development of ecological cities as an essential part of fighting accelerated climate change and ecological collapse.

Dr Downton is author of '*Ecopolis: Architecture and Cities for a Changing Climate*', the flagship publication in the Springer Press '*Future City*' series, simultaneously published in Australia by the CSIRO. He is editor and a primary author of three editions of the Australian federal government's highly successful *Your Home Technical Manual*.

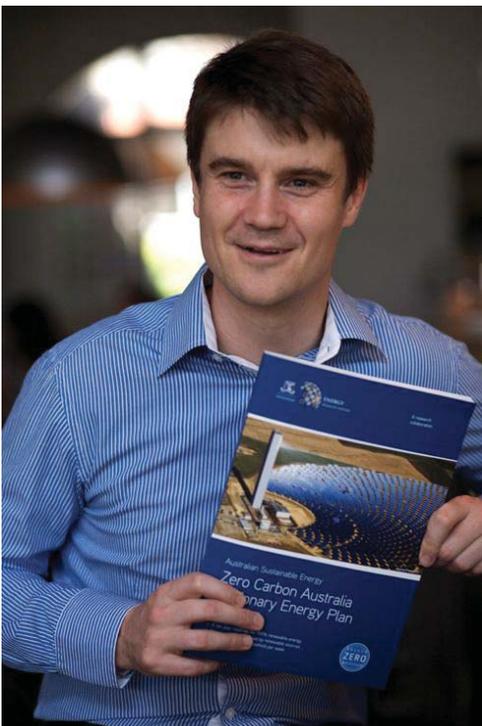


### Amandine Denis

Amandine is Head of Research at ClimateWorks Australia - an independent organisation whose mission is to facilitate substantial emissions reductions in the next five years in Australia by working with government, business, industry groups and the community via a collaborative action based approach.

Prior to joining ClimateWorks, Amandine worked as a management consultant for McKinsey and Company in Sydney, advising clients in both the public and private sector on a wide range of matters including strategy, sustainability issues and carbon abatement opportunities and associated policies.

Previously, Amandine was employed by Air France as an analyst for the revenue management team and later progressed to team leader for the Asia-Pacific routes. As part of her MBA Amandine worked as a consultant at Alcan's Isoire Aluminium plant in France and as part of her MSc. worked as a research assistant in the aerospace computational design laboratory at Massachusetts Institute of Technology (M.I.T.)



### Mathew Wright

Mathew Wright is the lead author of the award-winning Zero Carbon Australia Stationary Energy Plan, and 2010's Young Environmentalist of the Year. Embodying the qualities of hard work, passion and commitment, Mathew inspires the courage our society will need to tackle the biggest problem we've ever faced.

As Founder and Executive Director of not-for-profit organisation Beyond Zero Emissions, Mathew heads the fastest growing climate change research and development group in Australia. While previous environmental advocates have encouraged Australians to take action by changing their light globes, Mathew represents the next wave of leaders who show how we can change from the 19th century technology that runs our economy to 21st century solutions. His attitude is reflected in Beyond Zero Emissions and fully shared by its workforce, staffed by over 200 volunteers.



### Kate Harris

Kate is the Sydney Director of the Centre for Sustainability Leadership and is passionate about the continued learning and development of both herself and others. This is achieved through engaging individuals with their own vision and creativity for sustainability and leadership.

A former business coach, facilitator/mediator and performer, Kate's style is supportive, motivational and innovative. Having completed a Master of Arts (Social Ecology), Kate is dedicated to empowering individuals to achieve positive and sustainable change throughout communities, organisations and across the world.

Kate also believes that awareness of self, development and integrity of human values, communication and negotiation skills are all key factors in achieving success in the areas of leadership and sustainability.



### Marcus Barber

Marcus is a Strategic Futurist and one of Australasia's top Value Systems specialists, assisting clients with advanced strategic thinking and innovation processes. Marcus holds a Masters degree in Strategic Foresight and also has training in Neuro-Linguistic Programming.

His skills are utilised by a long list of clients including Telstra, Victoria Police, Gold Coast Water, General Motors, Fosters Australia, the Australian Sports Commission, Ernst and Young, ABF Singapore, and Queensland Rail to name a few.

Marcus was the founder of the Australian Strategic Planning Institute, was an advisory board member of the Australian Bill of Rights Initiative and is part of the Lifeboat Foundation's Futures advisory Board. Marcus has been published in a number of Journals around the world, is often interviewed for articles in newspapers and magazines and is a regular contributor to Australasia's leading innovation magazine *'Fast Thinking'*

In the past few years he has spoken at the UNESCO *'Committing Universities to Sustainability'* conference in Austria and the *'World Futures Conference'* in Vancouver along with many others around Australia, always with an eye on emerging issues and options for responses.

Marcus was co-presenter on the National Geographic Channel's TV series *'Future Matters'*, author of *'The Money Tree and How to Grow One - Creating Success in Your Business'* and has just finished *'Getting Your Future Right'*. He is currently finishing *'Killing Trends: the Graceful Art of Innovation'* and also *'Recession Proof Marketing'* (co authored with Tod O'Reilly) both due for release in 2012.



### **Nikki Huddy**

Nikki Huddy is the Director of her own consultancy - Planz Town Planning a specialist planning firm based in Cairns. Nikki has a Bachelor of Science in Environmental Studies and a Graduate Diploma in Urban and Regional Planning and is currently working towards a Doctorate focusing on the area of food security.

Nikki is the President of the local branch of the Planning Institute of Australia and is also on the state PIA committee and she is a lecturer in Planning at James Cook University. Nikki is on the Steering

Nikki's experience includes 11 years with Cairns City and Douglas Shire Councils in various roles, including Manager of Strategic Planning and Manager of City Assessment and as a change manager and process improvement facilitator.

Nikki has worked with the GBRMPA Reef Guardian Councils on the climate change module and with Qld Health and the Heart Foundation on the Active Healthy Communities project - a resource package designed to assist communities to create local environments that support active and healthy lifestyles.

Nikki has a special interest in the actions that communities can undertake to improve their own lives, communities and regions – and an interest in the policy that can enable quality sustainable development at that is suited to our climate and development that builds positively on our regional image.