Research Advisory Committee Members for ASI Round 1 Funding Review

Dr Bruce Godfrey Chair (Wyld Group)

Dr Godfrey is an experienced CEO whose career has been built in business, investment, government and research fields. Through Wyld Group Pty Ltd he is applying this experience and knowledge to the advancement and commercialisation of technologies, investment readiness of products and companies, and innovation policy and programs. He was Managing Director of Ceramic Fuel Cells Limited and Managing Director of the Energy Research and Development Corporation, the Australian Government's investment vehicle in the 1990s for support of innovation and research into new energy use and supply technologies. He has a BE (Elect.) and a PhD in the field of photovoltaics, and managed the installation and commissioning of Australia's first solar cell production facility in Sydney.

Scientia Professor Martin Green (UNSW)

Professor Green FAA FTSE is Scientia Professor at the University of NSW and Executive Research Director of the ARC Photovoltaic Centre of Excellence. He is also a Director of CSG Solar, which commercialise the university's thin-film, polycrystalline-silicon-on-glass solar cell. His group has developed the world's highest-efficiency silicon solar cells. He is the author of six books on solar cells and numerous papers in the area of semiconductors, microelectronics, optoelectronics and solar cells. His awards include the 1999 Australia Prize, the 2002 Right Livelihood Award (also known as the Alternative Nobel Prize), the 2004 World Technology Award for Energy, the 2007 SolarWorld Einstein Award and the 2009 ENI Award for Renewable and Non-Conventional Energy.

Professor Andrew Blakers (Australian National University)

Professor Blakers is the Foundation Director of the Centre for Sustainable Energy Systems at the Australian National University and Director of the ARC Centre of Excellence for Solar Energy Systems. His research interests are photovoltaics, solar thermal/PV hybrid systems and energy policy. Particular interests are highly efficient solar cells, thin crystalline silicon solar cells (including Sliver solar cell technology) and solar concentrators. He is a Fellow of the Academy of Technological Sciences & Engineering, the Institute of Energy and the Institute of Physics, has won numerous awards and has published approximately 200 papers and 10 patents.

Professor Phil Jennings (Murdoch University)

Professor Jennings is Professor of Physics and Energy Studies at Murdoch University and has been involved in renewable energy research and education for more than 25 years. He has led Murdoch University's efforts in developing a range of educational programs in renewable energy that address the needs of schools, universities, TAFE and the general community. In addition to renewable energy education he has research interests in photovoltaics, especially amorphous silicon solar cells, and attempts to improve their efficiency and stability.

Mr Peter Meurs (Worley Parsons)

Mr Meurs, managing director of WorleyParsons' EcoNomics Unit which promotes profitable sustainability. Peter is working on large scale concentrated thermal and PV solar power facilities plus integrated fossil fuel solar hybrid solutions. Peter joined Worley Parsons in 1988 and has functioned in project management and company development roles including establishment of the foundations of the process business, the establishment and growth of alliance and integrated services contracts in Hydrocarbons and Minerals & Metals and the development of the Australia and New Zealand business units. With a Bachelor Degree in Mechanical Engineering and a Fellow of the Institution of Engineers Australia, Peter is also a member of the Australian Institute of Company Directors

Dr Muriel Watt (IT Power Australia)

Dr Watt is a Project Manager with IT Power Australia. IT Power is a leading international energy consultancy which specialises in sustainable energy technologies and policy, and related economic, financial, commercial and environmental work. Prior to this she was a Senior Lecturer, School of Photovoltaics and Renewable Energy Engineering, University of NSW, a role she retains on a part-time basis. She has worked in government energy agencies, private companies and the university on energy related matters since 1980, with a strong focus on renewable energy research, development, technologies, deployment and policies. She is the Australian representative on the Executive Committee of the International Energy Agency Photovoltaics Power Systems Programme (PVPS) and Chair of the Australian PV Association. Past appointments include Chair of the Australian and New Zealand Solar Energy Society and Chair of the Policy Group for the Australian CRC for Renewable Energy (ACRE). Muriel is on the foundation committee of Women in Sustainability, Energy and The Environment (WSEE) .

Dr Gerry Wilson (CSIRO)

Dr Gerry Wilson leads the Flexible Electronics Theme in CSIRO's Future Manufacturing Flagship. Dr Wilson established the Flexible Electronics Theme in 2006 with a particular focus on developing materials and processes for Organic Photovoltaics (OPV), Organic Light Emitting Devices (OLEDS) and Organic Field Effect Transistors (OFETS). During his 15 years at CSIRO he has developed both patented and proprietary security features for polymer currency and has managed a wide range of research programs spanning polymers, biomaterials, nanotechnology, security and water. He has served as CSIRO's representative on several CRC's and is a member of AICD.

Professor Keith Lovegrove (Australian National University)

Professor Keith Lovegrove is the leader of the Solar Thermal Group in the Department of Engineering at the Australian National University. He also teaches undergraduate and postgraduate courses in Energy Systems and Systems Engineering within the Department of Engineering. He has had a long involvement with The Australian and New Zealand Solar Energy Society, a section of the International Solar Energy Society. Dr Lovegrove has served in the past as Chair, Vice Chair and as Treasurer. During his time as Chair, he initiated the annual 'Sustainable House Day', held across both countries each September. He was also Chair of the organization's Solar 2006 conference organising committee. He has authored or co-authored over 100 research papers and contributed to media interviews and reports on the renewable energy field.

Research Advisory Committee Members not Present During Round 1 Funding Review

Professor Andrew Holmes (University of Melbourne)

Professor Holmes AM FRS FAA FTSE is a CSIRO Fellow, University of Melbourne Laureate Professor of Chemistry and Distinguished Research Fellow at Imperial College. His research interests are in applications of chemical synthesis to problems in materials science and biology. He led the Chemistry team that developed light emitting polymers for display applications and is a co-founder of Cambridge Display Technology. In Australia he has led a national consortium of researchers who are developing thin film organic and polymeric materials for excitonic and dye sensitised solar cells. He was an ARC Federation Fellow (2004-9) and was a co-recipient of the Descartes Prize of the EC (2003).

Mr Wes Stein (CSIRO)

Mr Stein is the Manager of the CSIRO National Solar Energy Centre (NSEC) and leads their Solar Thermal Team. He has extensive experience in the energy and power industry with a strong background in thermodynamic cycles, and solar thermal power in particular. He has been involved with the development and implementation of new and emerging energy technologies and possesses a strong understanding of, and familiarity with, the Australian energy industry. He was a co-author of a study for the World Bank investigating solar thermal technology status and market strategies, is a Lead Author for the IPCC's Special Report on Renewable Energy and Climate Change Mitigation, is Australia's ExCo member on IEA SolarPACES, and is a member of the United Nations International Solar Energy Committee. Before joining CSIRO in 2000 Wes worked at Pacific Power for 19 years, implementing a number of renewable energy projects with industry and worked in power station operation, performance and design.