

DIRECTORS

MICK LEWIN - CHAIR

Mick is an experienced manufacturing consultant, project manager and software engineer with a long history in the manufacturing sector (now retired). Mick now operates a Residential and Commercial Energy Ratings business part time. Mick's introduction to MASG was on the Maines Power Project where his manufacturing consulting experience was usefully deployed.

QUALIFICATIONS

Cert TV in NatHERS Assessment. – Accredited assessor
Residential Efficiency Scorecard – Accredited assessor
Australian Production and Inventory Control Society (APICS) certification (CPIM)
Mathematics (RMIT)

GERRY EGAN - SECRETARY

Gerry Egan is a private consultant with widespread experience in the government and private sector. He has specialized in energy and water markets and electricity generation and sales, with responsibilities in both governance and technical areas. He has qualifications in electrical engineering and business management and has significant project and administration experience in power and water utilities. Gerry makes a broad contribution to our activities and particularly assists through his understanding of the energy market and how our projects can interface with it.

QUALIFICATIONS

Bachelor in Electrical Engineering (Melbourne)

MAURICE MOLAN - TREASURER

Maurice, recently retired, was a partner in Shadforth Business Advisory Services. Maurice has a wealth of experience in the governance and financial management of commercial enterprises as well as not for profits. Maurice is currently the MASG Treasurer and also a MAB director and Treasurer.

DR. PETER BRAIN (NATIONAL INSTITUTE OF ECONOMIC AND INDUSTRY RESEARCH)

Dr. Peter Brain, one of Australia's best known economists in the development and application of macro-economic models to industry activity, energy prices and energy demand. Since cofounding National Institute of Economic and Industry Research (NIEIR) in 1984 and after being deputy of the Melbourne Institute at the University of Melbourne, Peter has participated in over 1000 economic consulting projects, most of which he has directed or codirected. This includes past and ongoing projects in South Africa, Australia and New Zealand. His expertise and experience covers the following:

Macroeconomic analysis and model construction of national, state and regional economies along with detailed models of key Australian institutions including Telstra Corporation, Australia Post, BHP, and the State Electricity Authorities. Over the past decade Peter has ongoing roles in providing model based advice on economic and energy matters to leading energy organizations such as AEMO, IMO, Transgrid, Powercor, Endeavor, Enerjex etc. Peter is currently providing advice to superannuation funds on the value of NSW electricity assets.

Detailed costbenefit analysis of environmental issues including greenhouse gases and other emissions (policies and strategies for reduction), lead phase down, heritage protection (limiting of mining production), chlorine removal.

Numerous costbenefit studies of physical infrastructure expansion including power stations, transport (roads, railways) infrastructure, community infrastructure (three evaluations of the Building Better Cities Program), and airports.

Peter is the principal author of the Australia Local Government Association "State of the Regions" Report published annually since 1998 which covers all 567 Councils in Australia. This work provides Councils with the statistical series on which they assess economic performance and the impact of policy changes.

Many studies into the economic feasibility of industrial investments including paper mills, steel mills, aluminium plants, casinos, hotels, gas pipelines etc.

Peter has written four books on the structure and performance of the Australian economy with one focusing on the role of energy in the Australian economy.

Qualifications: undergraduate and post graduate from University of NSW.

BILL GRANT

Bill Grant has worked in the environmental and waste management field for over 30 years. With tertiary qualifications in agricultural and environmental science, Bill has multi-disciplinary and applied knowledge of waste minimisation and resource recovery, composting, bioenergy, agronomy, ecology, economics, business management, sociology, town planning, communications, conflict resolution and systems thinking. Bill specializes in the area of organics resource recovery and sustainable land use. Bill has extensive experience on projects ranging from waste audits and small business waste management plans through to detailed strategic analysis and planning, greenhouse risk assessment and environmental management systems development. Bill is a director of MAB and is on the MASG board.

QUALIFICATIONS INCLUDE:

Bachelor in Environmental Science (Monash)

Bachelor in Agricultural Science (Melbourne)

IAN JONES

Ian is a recently retired professional mechanical engineer with experience in the development and the application of leading edge technologies to industrial projects. He spent thirty-five years as the Engineering Director of Vipac Engineers & Scientists Ltd. While there, Ian personally consulted on and led teams using the technical specialties of acoustics and vibrations; stress and strain; wind and airflow; thermal and combustion. Ian had led Vipac to have skill-sets in the consulting for- and the mathematics of- the specialties, as well as having extensive field-instrumentation and laboratory facilities accredited to international standards.

Two types of project experience that Ian brings to MASG are relevant. The first is environmental evaluation and assessment in the built-environment considering industrial, commercial and residential projects. Many projects have considered the wind- and airflow-effects at, around, and between buildings. The second type is the efficiency of buildings and their machines, like air-conditioners, hot water services, and household appliances. He is proud to have contributed to a decreased use of electricity in Australia.

Ian is passionate about achieving efficiency by design and about use of renewable energy. He tries to assist others to achieve the benefits, and tries personally to live the talk.

QUALIFICATIONS INCLUDE:

Bachelor of engineering, mechanical (Monash)

Fellowship Diploma of Management (RMIT)

Fellow, Institution of Engineers, Australia

Fellow, Institute of Company Directors, Australia

Associate, CIBSE, AIRAH, and APHA



CONSULTANT/PROJECT MANAGER

DEANE BELFIELD (ECO2SYS AUSTRALIA)

Deane Belfield, the principal of ECO2Sys (2003-2016), consults and advises on business sustainability, innovation, resource efficiency, renewable energy (bioenergy, biochar, solar) and industrial ecology. He enjoys bringing organisations and communities together to create new solutions to common problems such as renewable energy, zero waste businesses, and ZNET communities, and firmly believes that communities possess untapped potential to meet their own resource and energy needs.

ECO2Sys has been very successful in delivering industrial, resource efficiency and renewable energy projects (securing significant grant funding, feasibility studies, business cases & plans and implementation) for many organisations.

A well recognized facilitator and experienced project manager, he has developed a number of innovative products, methodologies and diagnostic tools that are currently used across industry, particularly within collaborative industrial /manufacturing networks.

Prior to establishing ECO2Sys he spent 20 years with blue-chip industrial global corporations in Australian and abroad including Siemens and Price Waterhouse Coopers where he held senior roles. He has lectured to post graduate students at Monash, La Trobe, Swinburne and RMIT universities, was the national chair of the Society for Sustainability & Environmental Engineering and is a current member of Latrobe University's Science & Engineering Course Advisory Council.

QUALIFICATIONS

Bachelor of Engineering

Masters of Environmental Science, MBA

Past National Chair, Sustainable Engineering Society

Fellow of Institute of Engineers, Australia

