

MJA Climate

Helping you address the climate change challenge

The climate change challenge

"Climate change is the defining challenge of our generation." Prime Minister Kevin Rudd

Australia is highly vulnerable to the impacts of climate change that will be felt across our economic, social and natural systems. Australia will also be affected by efforts – both domestic and international – to reduce greenhouse gas emissions.

These challenges present risks and opportunities for all levels of government and for business across all sectors of the economy. Those who act early will best be able to manage risks and to exploit opportunities. A 'wait and see' approach is not the path to prosperity.

MJA *Climate* has the capabilities and longstanding experience to assist governments, businesses and community groups to move forward in understanding and dealing with the climate change challenge. Our consultants have a strong record in the provision of strategic, economic, policy and technical advice on the impacts of climate change.

Contact Us

Melbourne:

Peter Kinrade – Phone: 03 9882 1600
Email: peter.kinrade@marsdenjacob.com.au

Brisbane:

Dr Tony Hand – Phone: 07 3229 7701
Email: tony.hand@marsdenjacob.com.au

Perth:

Phil Pickering – Phone : 08 9324 1785
Email: phil.pickering@marsdenjacob.com.au

MJA Climate expertise

MJA's climate change expertise includes:

- **strategic review** – review of and advice on clients' current strategic framework for addressing the risks and opportunities associated with climate change impacts and policy
- **risk management** – analysis of climate change-related risks and opportunities, and options for managing those risks - MJA co-authored *Climate Change Impacts & Risk Management: A Guide for Business and Government* for the Australian Greenhouse Office
- **adaptation** – development of detailed action plans for adaptation to climate change
- **carbon markets** – analysis of strategic and design issues associated with carbon markets including the Carbon Pollution Reduction Scheme (CPRS) and issues associated with the operation of voluntary markets in a compliance environment
- **socio-economic assessment** – application of economic and financial modelling techniques to evaluate policy and program options
- **climate change and the energy sector** – analysis of the implications of climate change policy for energy markets and energy supply & demand options.

Integrated solutions

MJA Climate has long standing associations with scientists and technical experts to ensure integrated solutions can be provided to meet a wide range of client needs.

Climate Change Impacts, Risks and Adaptation

Climate Change Impacts and Risk Management

MJA is a co-author (with Broadleaf Capital International) of the guide *Climate Change Impacts & Risk Management: A Guide for Business and Government*, published by the Australian Greenhouse Office and widely distributed. The AGO Guide was developed by MJA and Broadleaf through a series of pilot studies with four partner organisations. It provides organisations with a practical means to assess the risks from climate change and to develop appropriate risk treatment strategies. Recent studies have been conducted for private sector and government clients across Australia, including:

- local government authorities and regional council groups;
- government departments;
- water and energy utilities.

Examples of other work undertaken by MJA relating to the strategic assessment of climate change impacts, risks and adaptation includes:

- integrated assessment of climate change impacts on settlements;
- challenges of climate change for agriculture;
- implications of climate change for water availability and prices;
- methodological issues for costing the impacts of climate change.

Emissions Trading and Complementary Mechanisms

MJA has extensive experience providing advice to public and private sector clients on emissions trading, the associated introduction of a carbon price, and on complementary mechanisms. Much of the work relates to assessing strategic risks and opportunities associated with the advent of a price on carbon and associated regulatory regimes. Work in these areas builds on MJA's experience in energy and water markets.

Examples of work undertaken by MJA relating to these areas include:

Interpretation of Carbon Pollution Reduction Scheme

MJA has provided strategic advice on the impacts to business of the Commonwealth Government's proposed Carbon Pollution Reduction Scheme.

Renewable energy targets and markets

MJA has provided advice to Sustainability Victoria on options, design issues and potential pitfalls associated with introduction of the Victorian renewable energy target and trading regime in Victoria.

Carbon and renewable energy price forecasts and risks

MJA has undertaken assessments of price carbon and renewable energy price forecasts and risks for a number of organisations.

Please visit our website for more details: www.marsdenjacob.com.au