



enggeco

CAPABILITY STATEMENT



“ We need to find a new, sustainable path to the future we want. We need a clean industrial revolution...”

— Ban Ki Moon, UN Secretary General

ABOUT Us



OUR MISSION

engeco is the leading voice providing expert advisory on energy and climate change strategy in Australasia.



OUR VISION

Provide clear, achievable strategies to help companies, NGOs and Governments prepare for the major transition to a low carbon, alternative energy future.



OUR MOTIVATION

engeco strives to make an impactful difference in the world for the benefit of all nations and generations.

OUR TEAM

Thought leaders in climate change



Marc Allen
Technical Director



Marc is an experienced chemical engineer with 20 years' experience – and 11 years working directly in energy and greenhouse gas management.

Throughout his career, Marc has provided advice on energy and climate change matters to some of the biggest companies in the world – particularly in the resources industry.

Marc's technical skills, strategic thinking and deep knowledge of climate change policy issues makes him an invaluable asset to clients.

Strategy development 95%



Climate policy impacts 90%



Takes MRT instead of Grab 80%



Passion 100%



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OUR TEAM

Thought leaders in climate change



Michèle Dyson
Senior Consultant



Michèle is a mechanical and production engineer with 15+ years of experience. Passionate about sustainability issues, Michèle is certified in Corporate Sustainability and Low Carbon Strategy.

Michèle has a comprehensive understanding of business models and operational processes across diverse industries and sectors.

Michèle's strengths are her analytical and problem-solving skills, her customer driven mindset and her high motivation to assist our customers in their transition towards a low-carbon economy.

Carbon accounting 80%



Climate change risks 90%



Customer-driven 100%



Dedication 100%



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OUR SERVICES

The cutting edge



Climate change strategy

Analysing the physical and transition risks posed to your business from climate change and the energy transition – and developing comprehensive risk reduction plans



Energy efficiency

Helping you understand where your energy is being used through your process and developing business cases to reduce energy use



Abatement and offsets

Examining ways to reduce greenhouse gas emissions in your business (abatement) or the potential of reducing emissions and generating credits outside of your business boundary (offsets)



TCFD analysis and disclosure

Analysing your business's exposure to climate risk and calculating the financial impact – preparing to disclose impacts to the market using the TCFD framework



Compliance reporting

Development of greenhouse gas inventories compliant with national policies or international standards, preparing for assurance audits and guidance with policy impacts from reporting



Greenhouse gas footprints

Calculating the emissions impact of a company, facility, event or product using lifecycle assessment and preparations to disclose that information if desired



Carbon accounting

Accounting for actual or potential costs relating to greenhouse gas emissions and determining the best way to manage the financial impact



Training

Helping you and your staff understand climate change and climate risk to embed strategic consideration of climate change at all levels of your business



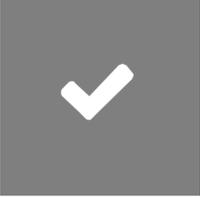


BENEFITS OF WORKING WITH US

Why choose engeco?

- **Experience**

We have many years' experience working directly in climate change strategy and energy management in a wide range of projects
- **Technical and strategic**

Our mix of technical engineering skills and strategic analysis makes us well placed to assist with your climate change strategy
- **We get your business**

We've worked across many different sectors and in many different types of business. We get what you do and understand your process
- **Leaders in climate change**

We are proven consultants in climate change strategy and assessment of abatement and offset projects



Taking bold action on climate change simply makes good business sense. It's also the right thing to do for people and the planet. Setting a net-zero greenhouse gas emissions target by 2050 will drive innovation, grow jobs, build prosperity, and secure a better world..."

— Richard Branson, Founder Virgin Group

PROJECT HISTORY

Examples of some of the things eng^eco consultants have worked on

Climate change strategy for international oil company incorporating full climate related risk assessment and disclosure of risk exposure using the TCFD framework

Strategic analysis of Australian climate change legislation to support a new field development for a major international oil company

Calculation of greenhouse gas emissions inventories for compliance reporting in Australia under the National Greenhouse and Energy Reporting Scheme

Analysis of disruptive technology drivers to improve efficiency for a multinational diversified mining company

Development of process design criteria for a number of copper mining projects globally to inform a multinational mining company's price guides

Emissions calculations, abatement options and climate change strategy advisory for a leading gateway and food services company

Emissions forecasting and the application process for the Safeguard Mechanism baseline for an international oil company's Australian operations – with successful assurance

Detailed investigations into the potential of carbon capture and storage as an abatement option for an international oil company

Development of energy management tools for ongoing energy monitoring for a mining company

Development of models for calculation of pass through of carbon costs for a domestic gas supplier

Development and delivery of training courses in climate change risk and GHG management

Completion of corporate compliance reporting under the National Pollutant Inventory legislation in Australia

Development of marginal abatement cost curves for carbon abatement options for a large mining company

Strategic energy supply system study for a large off grid mining company encompassing traditional fossil fuel power and integration of renewables

Conducting energy efficiency workshops for identification and subsequent evaluation of energy efficiency projects in a large number of companies and sectors

CLIENTS

Providing quality advisory



CLIMATE CHANGE STRATEGY

The engeco process

Calculating what your emissions are now and forecasting what they are going to be into the future – including emissions up and down your supply chain

Your emissions



Reduction potential



Assessing what emissions reduction projects you have and analysing the business case for those on a net present value basis

Business resilience

Analysing external factors such as international and national policy, carbon pricing and markets, shareholder interest and social license

External factors



Physical risks



Assessing the physical risks of climate change to your assets and to your key inputs in your supply chain (e.g., weather, water scarcity)

Future energy mix and climate change scenarios



A night landscape featuring a bright light source, possibly a full moon or a low sun, on a dark hill to the left. The sky is filled with the Milky Way galaxy, visible as a dense band of stars and dust. The foreground is a dark, rocky or grassy area, and a body of water is visible in the distance on the right.

“ The world can and must succeed in its ongoing global energy transition to a low-carbon system.”

- Ben van Beurden,
CEO Royal Dutch Shell



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