




## 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

eng<sup>eco</sup> 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

eng<sup>eco</sup> strives to make an impactful difference in the world for the benefit of all nations and generations.



[www.engeco.com.au](http://www.engeco.com.au)



+65 9107 8035



[info@engeco.com.au](mailto:info@engeco.com.au)



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# OUR TEAM

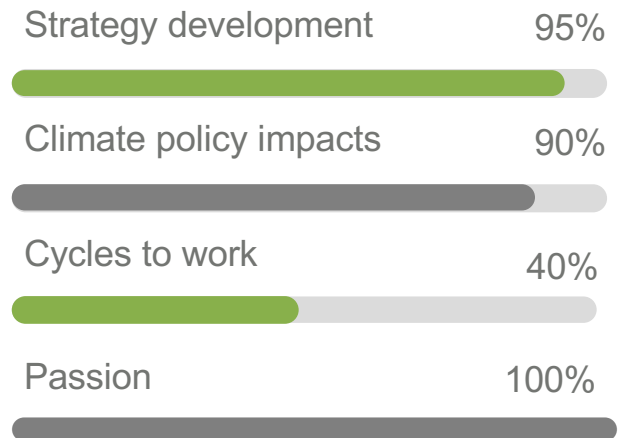
Thought leaders in climate change



Marc Allen  
Technical Director



Marc is an experienced chemical engineer with close to 20 years' experience – and 10 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.



✉ Marc.Allen@engeco.com.au

☎ +65 9107 8035

🌐 [www.engeco.com.au](http://www.engeco.com.au)



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| +65 9107 8035



| [info@engeco.com.au](mailto:info@engeco.com.au)



# 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



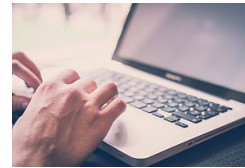
### Energy efficiency

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)



### 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



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[info@engeco.com.au](mailto:info@engeco.com.au)



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# 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



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[info@engeco.com.au](mailto:info@engeco.com.au)



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**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<sup>eco</sup> consultants have worked on

Climate change strategy for international oil company

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

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

Installation and operation of a hydrogen refueling system for hydrogen fuel cell powered buses

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

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

Greenhouse gas assurance audit support and development of bases of preparation for various industrial clients

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

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

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



# 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



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

Reduction  
potential



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

External  
factors



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

Physical  
risks



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[info@engeco.com.au](mailto:info@engeco.com.au)



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

- Ben van Beurden,  
CEO Royal Dutch Shell





The Impact Hub  
128 Prinsep St, #01-01  
Singapore, 188655



**OUR EMAIL**

[info@engeco.com.au](mailto:info@engeco.com.au)



**OUR PHONE**

+65 9107 8035



**OUR WEBSITE**

[www.engeco.com.au](http://www.engeco.com.au)