



Corporate Profile



We sometimes emphasize the danger in a crisis without focusing on the opportunities that are there.

We should feel a great sense of urgency because the environmental crisis it is the most dangerous crisis we have ever faced, by far.

But it also provides us with opportunities to do a lot of things we ought to be doing for other reasons anyway.

And to solve this crisis we can develop a shared sense of moral purpose.

Al Gore

We believe that the world is facing tremendous environmental challenges which will ultimately have a huge impact on our way of life now and into the future.

The decisions we make now will ultimately shape our future.

Your decision to GoEco® will have a positive effect on supporting a long term sustainable environmental solution.

GoEco® has assembled a team of dedicated professionals who can support you in making this positive change. Whether its advice or the latest environmental product, we are here to help.

Today, more than ever, there is an urgency to achieve sustainable outcomes, for the wellbeing of the planet and its people, as well as business competitiveness. This is true for organisation and projects of all types:

- business
- not-for-profit organisations
- local and state government
- residential developments
- commercial developments.

GoEco's® is experienced in assisting the above sectors in reducing their environmental impact, while maximising profits as well as community benefit.

What do we bring to your business or development project?

1. we help our client to set project sustainability objectives
2. we then ensure that these objectives are met throughout all stages of the business or project, using effective and proactive project management methods
3. we investigate and analyse all aspects of water, energy, materials and waste management, as well as social and financial impacts
4. we then recommend practical, cost-effective actions as part of a consultative process with our client, using a triple bottom line multi-criteria approach
5. we facilitate staff consultation in the form of workshops, in order to achieve awareness raising and project buy-in from staff
6. we also facilitate consultation with the community and Council in the case of developments (pre-lodgement), in order to achieve a win-win outcome for all
7. we advise our client about eligible rebates available for water, energy and environment, and are also able to guide our client through the funding process.



Ecologically
Sustainable
Development

GoEco® provides engineering services for Ecologically Sustainable Development (ESD), We assist our clients to achieve project outcomes that are people-friendly, planet-friendly and cost effective.

Our core services include:

Water Cycle Management & Engineering:

- Design of sustainable water supply and water recycling systems
- Integrated water cycle management plans
- Supply and demand modelling
- Design of energy efficient wastewater treatment and reuse systems
- Water quality management plans for stormwater and wastewater discharges
- Development Applications relating to water cycle management
- Planning and design of waterway and wetland rehabilitation.

Energy Management & Design:

- Energy management plans that achieve energy reduction through energy efficiencies and appropriate renewable energy systems
- Design and project management of energy efficient systems, solar energy and wind energy
- Carbon footprint assessment and offset sourcing.

Consulting and Education Services

- Triple Bottom Line multi-criteria assessments (MCAs) to achieve sustainable, value-for-money outcomes
- Risk management
- Greenhouse accounting
- Education programs for community and schools
- Social marketing programs and research.

Project Management & Sustainability Management:

- Coordination of design and development
- Construction and commissioning activities for ESD projects.



WATER

We specialise in sustainable water cycle management.

Our approach is integrated and holistic, taking into account the inter-connectedness of all the following aspects:

- Water supply (rainwater harvesting, water efficiency, town water supply and alternative sources)
- Wastewater treatment and recycling, for example third pipe systems and greywater treatment and recycling
- Water supply and demand modelling
- Water audits (incl *Water Efficiency Management Plans*)
- Groundwater resources (source of water supply, and impacts of wastewater recycling also need careful consideration)
- Stormwater management, including treatment, storage and reuse
- Water system solution design and implementation
- Energy efficiency and climate impacts of all water management systems that require treatment and pumping
- The cost-effectiveness of all our solutions, both up-front capital costs as well as life cycle costs

Irrigation Services

- Comprehensive design, installation, and maintenance service for complex irrigation systems
- Past projects have included large urban parks and community spaces, sporting ovals, major infrastructure projects, and golf courses

Pump Services

- Design, supply and installation of a wide range of pump systems for use in municipal applications and civil infrastructure projects
- Our expertise includes; pressure pump stations, variable speed pump stations, submersible and drainage pumps

Water Harvesting

- GoEco® is well equipped to design, supply and install a wide variety of stormwater harvesting systems
- Past projects have involved supplying a number solutions from small to multi-megalitre tanks
- Our services include a variety of tank designs to suit specific client requirements from large centralised above and below ground tanks to decentralised interconnected systems

Drainage and Detention Tank

- GoEco® can provide its customers with a range of stormwater solutions which will address a number of environmental and construction issues.



ENERGY

GoEco® can assist in delivering long term sustainable energy solutions.

Energy efficiency and the resulting overall energy reduction have the following benefits:

1. It improves profits by reducing overheads
2. It's good for our planet by reducing greenhouse emissions
3. The business future-proofs itself against expected emissions trading costs, or "carbon taxes" by achieving the required offsets up-front.

GoEco® has expertise in achieving energy efficiencies in a number of ways:

- energy efficient motors and pumping equipment
- control systems for energy efficiency
- energy efficient building design and building retrofitting
- energy reduction by identifying wasteful energy usage, and replacing or eliminating wasteful systems or practices
- supply and installation of energy efficient infrastructure, including solar (off grid & back to grid), solar hot water, heat pumps.

Our typical approach is as follows:

1. Full energy audit (levels 1-3) on the property, using our energy meter as well as manufacturer's data for appliances.
2. Identify systems and appliances that are inefficient in their use of energy.
3. Investigate a range of solutions (including budget estimates) to reduce energy use.
4. Investigate cheaper forms of energy (sources and supply companies).
5. Investigate renewable energy options, eg solar power
6. Carry out a cost-benefit assessment to identify the most cost-effective solutions – maximising reduction in energy within the available budget and requirements of the organisation.
7. Advise the way forward towards carbon neutrality (or better!).

In summary, GoEco® will help you to achieve cost-effective energy efficiency. We will:

- save you money
- future-proof you against rising electricity and emissions trading costs
- help you to reduce greenhouse emissions.



WASTE

Our main waste management work areas are:

- Development of Strategic Directions
- Design and implementation of Innovative Waste Management/Minimisation Policies
- Advice and Expertise on Alternate Waste Technology options
- Development of Tender and Contract Documents
- Design and Implementation of Community Education Strategies and Programs
- Assessment of Community Behaviours and Attitudes
- Full Cost Accounting on Waste Disposal
- Project Management
- Waste management conferences & seminars and training
- Waste Profiling Auditing

CLIENTS

The GoEco® team include some of the most experienced experts within the water, waste and energy sectors - with an impressive client and project portfolio. They include:

Australian Government Water Initiative
Bellivista Neighbourhood Park
Bellview Hotel, Comminya
Brisbane City Busway
Broncos League Club
Brisbane Water
Christ the King, Deception Bay
Coomera High School
Cutter Landing Apartments
Delfin Lend Lease
ENERGEX
Hyatt Regency Coolum
Indooroopilly Golf Club
Lakelands Golf Course
Landel
Landrex
Lensworth North Lakes
Mackay Botanical Gardens
Mackay Mater Hospital
Morton Bay TAFE
Newfarm Bowls Club
Paynter Dixon
Redlands United Soccer Club
Roma Street Parklands
Royal Pines Golf Club
Robina Hospital
South Calandoon bore Project
South Gipps Water Supply Scheme
St Ambrose's Catholic Primary School, Newmarket
St Finbarr's Catholic Primary School, Ashgrove
St Joseph's College Gregory Terrace
St Patrick's College, Shorncliffe
University of Queensland

The GoEco Group Pty Ltd

52 Glenalva Tce

Enoggera QLD 4051

PO Box 3262

Newmarket QLD 4051

Tel: 1300 246 326

Fax: 07 3355 6419

Email: info@goeco.com.au

Web: goeco.com.au

