



# Professional Services.



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Ecovantage was established in 2007 to support businesses and households to reduce energy use and contribute to the fight against climate change through a reduction in emissions.

Our offices in Sydney, Melbourne, Adelaide and Sunshine Coast are staffed with employees who are genuinely passionate about climate change and are dedicated to helping our customers manage carbon and energy.

With dedicated engineers, compliance officers and program managers in each state, we offer localised support to our implementation partners, which enables us to ensure comprehensive compliance within the schemes.

Our extensive experience in the industry means we have honed our systems and processes to gain efficiencies around evidence collection and processing, allowing us to scale our activities up or down as the local markets dictate.

We work within the energy efficiency schemes in New South Wales, Victoria, South Australia and Queensland, as well as the national Renewable Energy Target scheme and Emission Reduction Fund, to help commercial and industrial organisations, and small to medium enterprises, access incentives for energy efficiency upgrades.

Since 2007, we have helped Australian businesses and households abate over 6 million tonnes of greenhouse gases. Our goal is to reach 10 million by 2025.





De-  
carbonisation.



At Ecovantage, we specialise in supporting organisations to measure, reduce, and report on greenhouse gas emissions.

Our Decarbonisation Unit offers a full suite of services designed to support organisations on their climate journey. Sustainability is an ongoing process and our services have been designed to guide our clients through each phase of their climate journey.

We provide consultancy and verification services, develop educational materials, awareness campaigns, and specialised sessions to support internal buy-in for climate action from stakeholders.

Our team of experts will assist you attain your targets through the implementation of energy efficiency programs, generation of certificates, or procurement of carbon offsets or renewable energy certificates.

Regardless of where your organisation is on its climate journey, we are committed to providing you with the tools required to make the transition to net zero emissions.



# Carbon & Greenhouse Gas Consulting.

Whether you have an established sustainability program or are just starting out, our team of sustainability experts will support you on the journey.

We are here to help you at any point along the way and provide specialist services to ensure that your sustainability goals are robust and achievable.

### Measure

We will complete Scope 1, 2 and 3 greenhouse gas emissions assessments in line with the GHG Protocol Corporate Standard and Corporate Value Chain Standard.

### Certify

As registered Climate Active consultants, we complete certification for organisations, precincts, events, and products and services. We also offer a wide range of both Australian and international carbon credits, as well as renewable energy certificates to support our clients to offset their emissions under Climate Active.

### Target

We will support your organisation to set strategic near-term and long-term emission reduction targets either internally or under the Science Based Targets Initiative Net Zero Standard. We would love to support your organisation obtain 100% renewable energy to reach internal targets or RE100.

### Strategy

Our team of net zero experts will work collaboratively with your organisation to develop actionable strategies and roadmaps to reduce carbon emissions overtime. This includes creating sustainability processes that support decarbonisation across your entire value chain. We provide expertise over policy development to reduce emissions from indirect emission sources.

### Implement

Our team will support the implementation of your emission reduction or sustainability strategies. We strive to work collaboratively with your organisation and stakeholders to ensure smooth implementation of initiatives. As a full service provider, this includes facilitating various energy efficiency upgrades at your organisation.

### Disclose

If your organisation chooses to disclose emissions against other frameworks including TCFD, CDP and GRI, our experts will work with you to prepare all required disclosure documents.



A photograph of a modern glass skyscraper with a green courtyard in front. The building has many windows and a glass facade. The courtyard has several trees and a paved area. A person is walking in the courtyard. The text "Energy Audits." is overlaid on the left side of the image.

# Energy Audits.



AS/NZS 3598:2014 is a set of standards that set out the minimum requirements for commissioning and conducting energy audits on commercial buildings, industrial related activities, and transport related activities. Our team of experts are accredited under the standard to conduct energy audits for commercial buildings.

Energy auditing is an important part of understanding the quality of energy efficient products within commercial buildings. Energy audits provide base case justification and a baseline to support the uptake of energy efficient improvements and projects within commercial buildings.

An energy audit may consist of comprehensive testing depending on the level of audit undertaken. This includes:

- A complete review of utility bills
- Analysing energy trends and anomalies
- Establishing energy use profiles
- Energy savings analysis
- Identifying energy savings opportunities

These audits allow your organisation to understand key areas where upgrades can be undertaken to efficiently reduce energy consumption. This may not only leads to the reduction of your overall energy costs, but also reduce greenhouse gas emissions.

In comparison, an energy assessment often includes a high-level walk through with a focus to identify key areas that have potential to be improved on with energy efficiency upgrades. Energy audits are used when a greater depth and detail are required to provide specific advice to your business on areas for improvement.

# Certificate Services.



Ecovantage's Certificate Services Department specialises in the creation and procurement of certificates across Australia.

Certificates are divided into two primary categories, Carbon Credits and White Certificates. The creation of either certificate is subject to the project nature, implementation type, location and organisational aims.

Certificates can be created for Renewable Energy Implementations, Energy Efficiency Upgrades and Fuel Switch Upgrades on commercial and industrial scales.

Our qualified teams assist project progression from viability studies, through project registration, to certificate creation and trade.



# Measurement & Verification.



Measurement and verification methods are used to quantify energy and fuel efficiency savings that result following a project upgrade, which is then used to create a verified Carbon Credit or a White Certificate. These certificates can be used for carbon neutrality purposes or to create an additional revenue stream for the project.

Measurement and verification (M&V) is the process of planning, measuring, collecting and analysing energy consumption data before and after an upgrade to report on the savings. Our internal Certified Measurement and Verification Professionals (CMVP) provide these services using the International Performance Measurement and Verification Protocol (IPMVP).

For M&V projects, savings are determined by comparing measured energy use before and after project implementation with appropriate adjustments for changes in conditions. Depending on the upgrade and the site's location, several scheme specific factors are applied.

Certificates are then created based on the difference between the pre and post measurement periods. Certificates are either awarded for every tonne of CO<sub>2</sub> equivalent that is saved, or for every MWh of energy that is saved. This is determined based on which scheme is being used, the scheme being harnessed, and the certificates being created.

An evaluation of the viability of an M&V project will be completed by our team to give you confidence that the project's certificate creation method best represents the total energy or fuel savings.

## M&V Schemes.

### Emission Reduction Fund

Certificate created: Australian Carbon Credit Units (ACCU)

Location: Federal

### Victorian Energy Upgrades (VEU)

Certificate created: Victorian Energy Efficiency Certificates (VEEC)

Location: Victoria

### Energy Savings Scheme (ESS)

Certificate created: Energy Saving Certificate (ESC)

Location: New South Wales

### Retailer Energy Productivity Scheme (REPS)

Certificate created: Gigajoule (GJ), known as a REPS Certificate

Location: South Australia

A low-angle, upward-looking photograph of a modern building's interior. The image features multiple levels with glass railings and escalators. The architecture is characterized by clean lines, large glass panels, and a mix of materials including wood and metal. The lighting is bright and even, highlighting the architectural details. The overall impression is one of a spacious, well-lit, and contemporary environment.

# Project Types to Harness M&V.



There are significant opportunities for Ecovantage's M&V team to support your site to leverage these creation methods. Implementations can become a registered project under M&V as a single site, or by aggregating multiple sites under a common aggregator. Often when a single implementation does not reach viability as a single project, an aggregated method is employed.

Our services include:

- Viability Studies for energy saving projects
- Providing project requirements specific to the implementation technology, such as:
  - Variable speed drives
  - Process Heating
  - Heating, Ventilation and Air Conditioning (HVAC)
  - Building Control Management Systems
  - Fuel Switching (Gas and Diesel)
  - Lighting
  - Solar
- Developing M&V plans that quantify the results of energy efficiency projects
- Creating white certificates (NSW, VIC and SA) based on recognised energy savings according to the M&V protocol, or verified carbon credits on a national scale
- Certificate Trading to monetise the created certificates, with secured certificate pricing
- Certificate surrender or retirement on behalf of your company to achieve carbon abatement goals or requirements.

M&V projects may become beneficial where:

- The implementation results in energy savings and has not yet been completed
- The operating hours exceed a normal work day
- The upgrade is not an approved activity under a Deemed Method
- Multiple upgrades are occurring at once
- The upgrade involves fuel switching
- A number of sites can be aggregated

# Renewable Certificate Creation.



Renewable energy certificates, commonly referred to as RECs, are a market-based instrument that provides a renewable energy generator with the ability to create an energy commodity.

In Australia, RECs are generated under the Renewable Energy Target (RET) and include Large-scale Generation Certificates (LGCs) for systems larger than 100kW. LGCs are created for every megawatt hour (MWh) of actual generated electricity that is produced by the renewable energy system.

Once created, an LGC can be traded or sold. Some organisations choose to surrender their produced LGCs for carbon accounting purposes, while others choose to monetise their certificates to create an additional revenue stream.

Ecovantage has a team of specialists that will support your organisation to create, trade or surrender LGCs for solar, wind, hydro and biogas projects.

We work with you to achieve your organisational goals in the monetisation or surrender of your certificates.

## Why Ecovantage?

At Ecovantage we work with large renewable energy asset owners and installers to create LGCs. We simplify the process by offering an end-to-end service for all projects.

### Strong Product Offerings

We work directly with our renewable partners to ensure the highest rebates, seamless certificate surrender, and streamline alternative certificate procurement.

### Easy Collaboration

24h turn-around, bespoke certificate offerings, dedicated account managers and direct communication lines.

### Upfront Payments

Ecovantage have partnered with industry bodies to offer our customers the rebate/certificates upfront. No finance. No loans. No risk.

### Lock-in Pricing

An annual dollar figure can be priced in and locked in today. Giving you or your client a stable and dependable income source that can be included in your budget and financial forecast.

# Certificate Procurement & Retirement.



Ecovantage offers a diverse certification portfolio and with our team's experience we are able to customise solutions for the best fit for your organisation. We will support your organisation to procure a wide range of certificates to meet your renewable energy, carbon neutrality, or net zero targets.

## Large-scale Generation Certificates (LGCs).

Attaining 100% renewable energy is easy with Ecovantage. Our team ensures that you are able to procure LGCs to meet your renewable energy goals. Ecovantage will offer the specificity you require, including specific technologies, project specific sources, precise generation and vintage requirements, and all tracking for every certificate batch.

We remove the hassle of obtaining certificates for you by facilitating the entire process. This includes helping you choose the right options for credits and renewable energy certificates and working with the relevant registry to purchase and surrender the certificates on behalf of your organisation. On accessing the relevant registry to procure and surrender certificates, you are issued with a Certificate of Evidence detailing all required details of the surrender necessary for the method of carbon accounting employed.

We want your organisation to succeed on its reduction goals and as such have no minimum requirements for the number of certificates you must purchase. Our passion is balancing the environmental and financial scales for our organisations to ensure the carbon neutrality journey is both a positive and sustainable one.

## Carbon Credits.

Our dedicated team assist in procuring the highest quality carbon credits from both Australian and Internationally recognised projects. This includes:

- Australian Carbon Credit Units (ACCUs) registered under the Emission Reduction Fund
- Verified Emission Reductions (VERs) registered under the Gold Standard Registry
- Verified Carbon Units (VCUs) registered under the Verra Registry

Understanding your goals and requirements, our team provides a holistic offering of both local or international carbon credits. Our team will work with you to understand your preference of location, price, project type, and co-benefits.

Within ensuring that your journey to carbon neutrality or net zero is equally financially and environmentally sustainable, Ecovantage will assist your organisation in securing forward certificate options. The future planning and procurement of certificates allows your organisation to accurately forecast and secure carbon prices for the years to come.

# Contact Us.

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