

Unlock the power of Environmental Certificates

At Northmore Gordon, we provide businesses with the tools to take control of their sustainability journey through environmental certificates.

Since 2009, we have registered over 6 million carbon, renewable and energy efficiency certificates, delivering 6 million tonnes of registered abatement.

We have also unlocked over \$200 million in project funding for our clients.

Certificates can be created and sold to help fund energy and carbon projects for facility owners and project developers. This reduces the cost of doing projects and brings projects forward that otherwise may be delayed.

Environmental certificates are bought by companies in compliance markets to meet regulatory obligations, or by companies wishing to voluntarily reduce emissions.

For voluntary market buyers they help to optimise the cost of meeting carbon or renewable energy targets, in a sustainable way, and provide a way to mitigate hard to abate emissions.



GREENHAM & SONS

HW Greenham & Sons is a large-scale, family owned livestock business with three sites across Australia. We have worked closely with the people at Greenham's for many years.

How we have helped:

- 4,000 ACCUs p.a. funding for coal to biomass fuel switch
- ISO50001 Energy Management for energy and water
- 50,000 VEECs from the Cogen facility at Tongala
- Solar VEECs projects at Moe and Tongala



METRO TRAINS

Metro Trains Melbourne operates 226 six carriage trains across 1,000 kilometres of track, transporting 450,000 customers each day.

How we have helped:

- Equipment upgrade – 136 Comeng train units, 14,100 lights
- Certificate value – \$570,000 < 1 year payback
- Carbon abatement – 2,200 tCO₂-e p.a.
- OPEX Savings – ~\$200,000



5G DATA CENTRE UPS UPGRADE

5G Networks is a licensed telecommunications carrier operating across Australia. 5G Networks upgraded their Uninterruptible Power Supply.

How we have helped:

- Equipment upgrade – UPS, BMS, aisle partitioning
- Certificate value – \$85,000
- Carbon abatement – 335 tCO₂-e p.a.
- OPEX Savings – ~\$50,000



BORG MANUFACTURING

Borg is a leading Australian manufacturer of melamine panels and medium density fibreboard (MDF).

How we have helped:

- Equipment upgrade – Main dryer fan
- Energy savings – \$150,000 p.a.
- Certificate value – \$300,000
- Carbon abatement – 1,500 tCO₂-e p.a.



AJ BUSH & SONS

AJ Bush & Sons (manufactures) is Australia's largest east coast protein recovery provider operating rendering and manufacturing plants in NSW and QLD.

How we have helped:

- Equipment upgrade – Gas-fired boiler
- Energy savings – 11,798 GJ p.a.
- Certificate value – >\$120,000
- OPEX Savings – >\$80,000



AURORA PLACE SYDNEY

Aurora Place is a premium commercial building in CBD Sydney with over 70 high profile tenants.

How we have helped:

- Equipment upgrade – HVAC, chiller system and VSD
- Energy savings – 309,000 kWh p.a.
- Certificate value – \$46,000



ENVIRONMENTAL CERTIFICATES HELP US DO MORE WITH LESS ENERGY

A Northmore Gordon, our team of specially trained engineers and advisors have expert knowledge across all aspects of industrial operations and the built environment, ranging from how all your energy is consumed to how all your energy is wasted.

TYPES OF ENVIRONMENTAL CERTIFICATES



Energy Efficiency Certificates – VEECs & ESCs

These certificates represent energy savings through efficiency improvements, leading to lower energy costs and supporting emission reduction indirectly.



Renewable Energy Certificates – RECs, LGCs, I-RECs, TIGRs

For every 1 MWh of renewable energy generated, a REC is created. These certificates help reduce Scope 2 emissions and meet sustainability targets. Businesses can trade them for profit or retain them to claim their renewable energy usage.



Carbon Credits (ACCU, VER, VCU)

Each carbon credit unit represents the removal of 1 tonne of CO₂ through projects like reforestation. By purchasing carbon credits, businesses can offset emissions and work towards Net Zero.



THE BENEFITS OF ENVIRONMENTAL CERTIFICATES



Additional revenue

By selling certificates, a project owner or developer can receive an additional income stream for their project.



Regulatory compliance

Purchasing and retiring certificates can help you stay ahead of emission targets, avoid penalties and reduce the costs of meeting environmental regulations.



Operational efficiency

Creating and selling certificates helps you implement energy-efficient or renewable technologies, which improves long-term operational performance, leading to continued cost savings.



Competitive advantage

Gain a stronger position in the market with enhanced sustainability credentials, appealing to eco-conscious consumers and investors.



Eligible activities for environmental certificates typically vary based on the type of certificate, but they generally involve projects and actions that contribute to energy savings, renewable energy generation, or carbon emissions reduction.

ACTIVITIES THAT ARE ELIGIBLE



Built environment

- Solar, insulation
- Hot water upgrades (heat pump & gas)
- HVAC, chillers, pumps, motors
- Building management systems (BMS)
- Elevator/escalator system upgrades



Waste treatment facilities and animal processing

- Covered anaerobic lagoons
- Anaerobic digesters
- Solid fuel manufacturing
- Source separated organic waste treatment
- Biomass and biogas boilers
- Flares and heat recovery



Data centre upgrades

- Solar
- HVAC, chillers, BMS, pumps, motors
- CRAC fans (computer room air conditioning)
- UPS (uninterruptible power supplies)
- Hot aisle/cold aisle air handling



Mining, refining and heavy industry

- Pumps, fans, motors, conveyors
- Electric arc furnaces
- Milling and crushing
- Cement kilns and manufacturing
- Fuel substitution
- Process improvements



Industrial (Manufacturing, food and beverage)

- Solar, hot water heat pump
- Chillers, compressed air and blowers
- Steam and hot water boiler optimisation
- Biomass and biogas boilers
- Process and heat recovery
- Fuel substitution
- Biomethane and grid injection
- Industrial refrigeration upgrade
- Compressed air optimisation
- Customised equipment upgrade
- Variable speed drives on fans, pumps, motors
- Electrification



Aquatic and leisure centres

- HVAC, chillers, BMS, pumps, motors
- Solar PV upgrades
- Hot water upgrades (heat pump or gas)
- Heat exchange, heat recovery



Transportation

- Ventilation, HVAC
- Solar
- Electrification of vehicles

