

ACHIEVING CARBON NEUTRALITY



CLIMATE ACTIVE carbon footprints

ACHIEVING CARBON NEUTRALITY UNDER CLIMATE ACTIVE

What is Climate Active?

- Highly trusted certification that denotes a status of carbon neutrality
- Launched by the Australian Government in 2010
- Can be used to certify organisations, products and services, events, buildings and precincts
- Climate Active trademark and logo can be showcased once certified

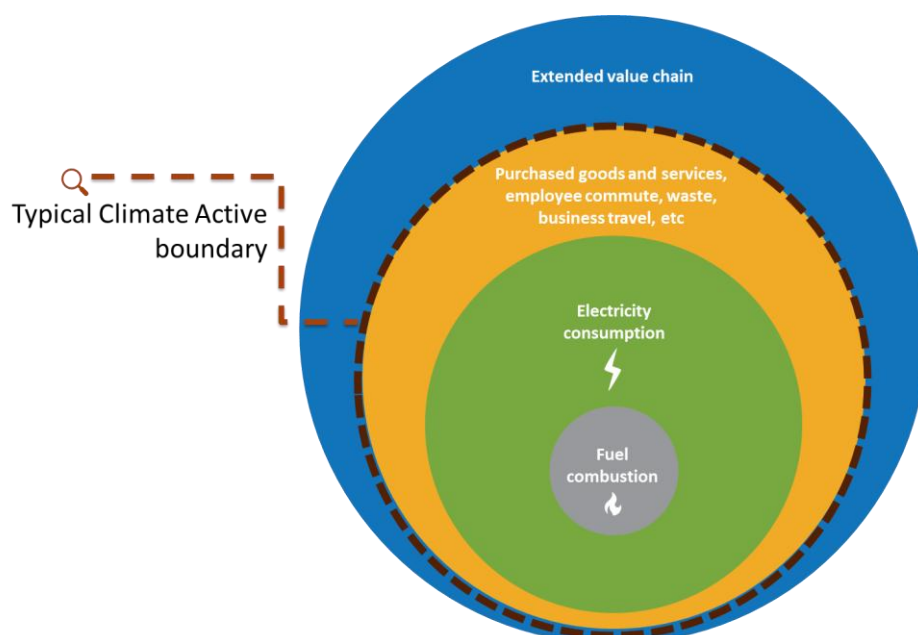
Why be Climate Active?

Becoming certified under Climate Active shows that you are taking a stand in terms of climate change and that you want to be a leading organisation. It signals to your staff, suppliers, and customers that you have a purpose beyond making money. Climate Active certification provides your business with the opportunity to:

- Enhance corporate reputation, brand and image
- Create additional value for your business
- Lower emissions and better bottom line
- Drives investment in low carbon technology
- Product/service innovation
- Connect better with the community and potential to align with the Sustainable Development Goals
- Engage employees and build internal capacity

What emissions sources are in your Climate Active carbon footprint?

A Climate Active carbon footprint encompasses many emission sources. We will help you choose a suitable, Climate Active-compliant boundary that captures your business' impact, including emissions from your operations, and emissions in your value chain.



Emission sources and scopes

SCOPE 1

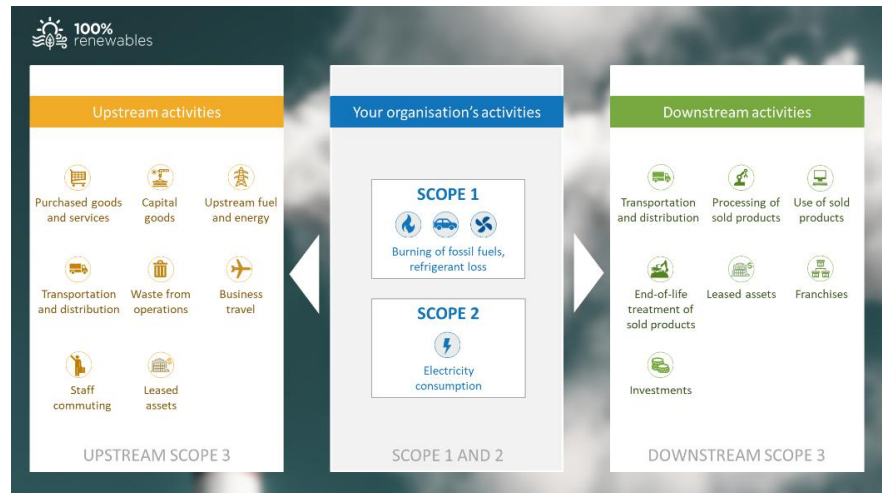
- 1 Emissions directly generated by you, i.e., fuel use

SCOPE 2

- 2 Emissions indirectly generated outside your boundary to provide energy, i.e., purchased grid power

SCOPE 3

- 3 Indirect upstream and downstream emissions i.e., purchased goods and services, business travel, waste, etc.



What are the benefits of understanding your scope 3 carbon footprint?

- Scope 3 emissions can represent a large percent of your footprint and present significant opportunities to influence GHG reductions in your value chain.
- The more scope 3 emission sources you include in your carbon inventory, the more credible your statement of carbon neutrality will be.
- Analysing your scope 3 value chain emissions can create deep insights into hotspots in your carbon footprint and can guide discussions with key tier-1 vendors to achieve low-carbon outcomes.
- Understanding scope 3 emissions helps you plan for potential future carbon regulations and can guide corporate procurement decisions and product design.

	Emission source	Scope 1	Scope 2	Scope 3	Total t CO ₂ -e	%
	Natural gas	2,117 t CO ₂ -e		526 t CO ₂ -e	2,643 t CO ₂ -e	8.04%
	Fleet - Diesel	3,101 t CO ₂ -e		158 t CO ₂ -e	3,259 t CO ₂ -e	9.92%
	Fleet - Petrol	273 t CO ₂ -e		15 t CO ₂ -e	287 t CO ₂ -e	0.87%
	Refrigerants	154 t CO ₂ -e			154 t CO ₂ -e	0.47%
	Electricity		12,483 t CO ₂ -e	1,387 t CO ₂ -e	13,870 t CO ₂ -e	42.20%
	Potable water			443 t CO ₂ -e	443 t CO ₂ -e	1.35%
	Paper			125 t CO ₂ -e	125 t CO ₂ -e	0.38%
	Outsourced printing			555 t CO ₂ -e	555 t CO ₂ -e	1.69%
	(IT) equipment			46 t CO ₂ -e	46 t CO ₂ -e	0.14%
	Food and catering			738 t CO ₂ -e	738 t CO ₂ -e	2.25%
	Postage and couriers			1,253 t CO ₂ -e	1,253 t CO ₂ -e	3.81%
	Taxis and uber			1 t CO ₂ -e	1 t CO ₂ -e	0.00%
	Waste to landfill			3,419 t CO ₂ -e	3,419 t CO ₂ -e	10.40%
	Air travel			36 t CO ₂ -e	36 t CO ₂ -e	0.11%
	Business accommodation			12 t CO ₂ -e	12 t CO ₂ -e	0.04%
	Employee commute			1,128 t CO ₂ -e	1,128 t CO ₂ -e	3.43%
	Telecommunications			342 t CO ₂ -e	342 t CO ₂ -e	1.04%
	Advertising			157 t CO ₂ -e	157 t CO ₂ -e	0.48%
	Cleaning services			325 t CO ₂ -e	325 t CO ₂ -e	0.99%
	Legal fees			1,433 t CO ₂ -e	1,433 t CO ₂ -e	4.36%
	Stationery			128 t CO ₂ -e	128 t CO ₂ -e	0.39%
	Professional services			2,509 t CO ₂ -e	2,509 t CO ₂ -e	7.63%
	TOTAL:	5,644 t CO₂-e	12,483 t CO₂-e	14,737 t CO₂-e	32,865 t CO₂-e	100.00%

OUR METHOD

You can seek Climate Active certification for your organisation, event, precinct, product or service. Our eight-step method is our proven approach to how we help you achieve certification to the Climate Active standard (Pathway 1). If you plan on becoming certified in future, but want to understand your Climate Active footprint now, will go through steps 1 to 4 (Pathway 2). You can find out more about available pathways overleaf.



* Not needed if going for full CA certification



"We have worked with 100% Renewables on a number of important energy strategies for our organisation. What we liked best in the recent project delivery was how 100% Renewables engaged with our team in collaboratively developing the plan within a tight timeframe."

- Dr. Roger Attwater, Senior Manager, Environmental Sustainability, Western Sydney University



"100% Renewables helped us with the development of a Climate Active compliant carbon footprint. They are an excellent consultancy in the carbon and renewable energy space. Their reports are very well presented and easy to read. Their responsiveness, can-do attitude and attention to detail are second to none."

- Dr. Barry Manor, Sustainable Transport Consultant, Blacktown City Council

PATHWAYS AND INCLUSIONS

PATHWAY 1: FULL CLIMATE ACTIVE CERTIFICATION

- ☒ Your Climate Active carbon footprint boundary
- ☒ Comparison to others in the sector
- ☒ Climate Active carbon footprint
- ☒ Compliance with Climate Active program requirements
- ☒ Help with carbon offset strategy and procurement
- ☒ Sourcing cost-effective validation provider
- ☒ End-to end support until Climate Active certification is achieved
- ☒ Optional: Excel carbon footprint file with your style guide applied

Costs:

Our costs, validation, offsets, Climate Active fees

Benefits:

Use of Climate Active logo, brand enhancement, staff motivation, new business opportunities, cost savings from carbon reduction measures

PATHWAY 2: DEVELOPMENT OF CLIMATE ACTIVE

- ☒ Your Climate Active carbon footprint boundary
- ☒ Comparison to others in the sector
- ☒ Climate Active carbon footprint
- ☒ Carbon accounting and data management recommendations
- ☒ Clear costed plan for when you decide to become carbon neutral
- ☒ Carbon offset strategy
- ☒ Professional report and presentation to management
- ☒ Optional: Excel carbon footprint file with your style guide applied

Costs:

Our costs

Benefits:

Enable future certification, track and reduce Climate Active carbon footprint over the years, prepare budget for certification, staff

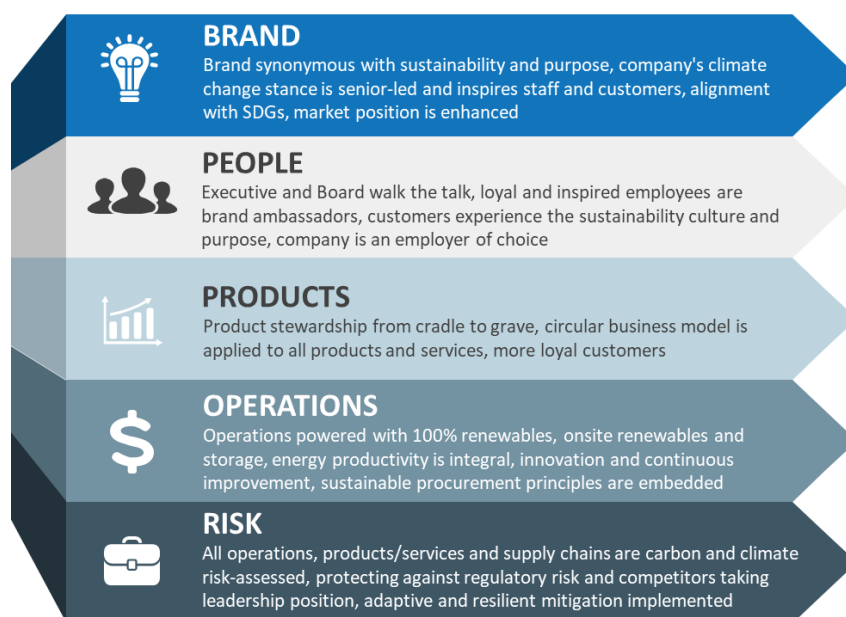


"We are very proud to be Australia's first and only Climate Active certified Carbon Neutral Club. We could not have achieved this without the expertise, leadership and guidance we received from 100% Renewables"

- Matt O'Hara, CEO, Oaks Flats Bowling and Recreational Club and the Illwarra Yacht Club

DRIVING NET PROFIT WITH ZERO EMISSIONS®

At 100% Renewables, we see a future where all organisations are powered from 100% renewable energy and have zero emissions. We help our clients show up as a leader by responding to climate change, while driving financial performance.



One way we do this is to help our clients achieve Climate Active certification or to develop carbon inventories that are compliant with the Climate Active Standard.



We will deliver the **highest standard of quality and service** to you, using our most qualified resources.

Our relentless focus on meeting and exceeding your expectations is reflected in the feedback we receive from our customers. This is reflected in our Net Promoter Score, which is greater than 70 and far exceeds best practice in our sector.

OUR CLIMATE ACTIVE REGISTERED CONSULTANTS



Barbara Albert
Co-CEO

Qualifications



- › Master's degree in Commerce (Univ. for BA and Economics in Vienna)
- › New York University's Stern School of Business
- › Host of the Driving Net Profit With Zero Emissions podcast
- › Author of the book 'Energy Unlimited' and several other booklets
- › Registered CLIMATE ACTIVE consultant with the Commonwealth Gov
- › World Bank Certified Urban Greenhouse Gas Inventory Specialist



Theresa Banta
*Carbon & Energy
Consultant*

Qualifications



- › Master of Science in Energy Engineering, University of the Philippines
- › Bachelor's Degree in Chemical Engineering
- › Energy management and data analysis, waste characterisation and analysis, resource assessment
- › Registered CLIMATE ACTIVE consultant with the Commonwealth Gov

SERVICES THAT WE OFFER



Net Zero Strategy

Clear organisational strategy for climate action (mitigation and adaptation), with short, medium and long-term plans.



Carbon Footprint, Climate Active, SBTs

Detailed scope 1, 2 and 3 carbon footprint. Science-based targets. Planning for or accreditation to Climate Active.



Energy Audits and Plans

Type 1, 2 or 3 energy audit of your sites, modelled to your specific needs. Energy efficiency and solar opportunities.



Training and Content Development

Net zero and carbon accounting training, keynote presentations, webinars, development of guides and workshops



Financing Strategy

Cumulative cash flow of your action plan, comparison of financing options, scenario and budget modelling.



Energy-on-Call

Pay a yearly fixed fee and have access to our energy and carbon experts to help you with technical questions.

Contact us at info@100percentrenewables.com.au



100%
renewables



info@100percentrenewables.com.au



www.100percentrenewables.com.au



Driving Net Profit with Zero Emissions



100percentrenewables