



**The
Crystal Caves**
One man's passion...

Atherton 69 Main Street Atherton Queensland 4883 Australia

CLIMATE RISK ACTION PLAN

Prepared 03.06.2025

Climate Risk Statement

At The Crystal Caves, we understand that climate change presents real risks to the environment, our community, and the way we do business. As guardians of a collection that celebrates the Earth's natural wonders, we take our role in protecting the future seriously.

We are committed to identifying and managing climate-related risks – both physical, such as extreme weather events and long-term changes in our local climate, and transition risks associated with the shift to a lower-carbon economy. These considerations are integrated into our planning to ensure we stay resilient, responsible, and ready for change.

To support this, we've developed an immediate, short-term, and long-term climate action plan. This phased approach allows us to respond quickly where needed, build sustainability into our daily operations, and work toward broader, future-focused goals.

By aligning our operations with sustainable practices and staying informed, we aim to not only minimise negative impacts but also embrace opportunities that support long-term growth – while continuing to share the beauty and wonder of our planet's geology with future generations.

Scope 1 & 2 Emissions as at 09-04-2025

32.81 tonnes CO₂-e

CO₂ intensity (revenue) = 23.44 t CO₂-e/M\$AUD This represents your emissions per million dollars of revenue.

CO₂ intensity (employee) = 3.28 t CO₂-e/FTE This represents your emissions per full time equivalent employee.

Scope 1 Emissions Calculation

Scope 1 Calculation **Inputs:**

Refrigerants – Synthetic Gases			
Refrigerant Type		Capacity	Emissions
	Commercial air conditioning	4	0.04
SCOPE 1 SUB TOTAL (t CO ₂ -e)			0.04

Scope 2 Emissions Calculation

Electricity				
		Quantity Purchased (kWh)	Purchased under a green agreement (kWh)	Emissions
	Location based method	39053	0	28.51
	Market based method			32.77

Climate Action Plan

Actions currently in progress

Actions	Assigned to	Due date
Strengthen resilience of premises e.g. backup power, flood-resistant materials, improved climate control	General manager	August 2025
Access and familiarise with the Regional Impact Summaries in this module's Climate Risk & Opportunities Assessment Tool	General manager	July 2025
Partner with businesses facing similar regional or industry risks; access free or low-cost advice through programs like ecoBiz Queensland	General manager Marketing manager	July 2025
Read Learning Article: Improving Climate-Related Risk Management Governance, Communication, and Culture in SMEs.	General manager	July 2025
Install 67 × 440W solar panels	Treu Solar	July 2025

Actions to complete in 6 months

Actions	Assigned to	Due date
Regularly review inventory and supply levels to ensure business continuity during disruptions	General manager	December 2025
Have an extreme weather and disaster preparedness plan for the business and your staff	General manager	December 2025
Enhance staff understanding e.g. encourage access to the Climate Risk and Adaptation Module's learning articles.	All staff	September 2025
Read Learning article: Benefits of Collaboration to Reduce Climate Change Risks	General manager	September 2025
Formalise the inclusion of climate factors in processes and policies.	General manager	August 2025
Implement affordable protective measures now e.g. emergency contact lists	General manager	August 2025

Actions to complete in 12 months

Actions	Assigned to	Due date
Develop a business continuity plan covering assets, people, suppliers & clients;	General manager	June 2026
Organise staff access to industry resilience workshops and training to enhance capability.	General manager	June 2026