



PUBLIC DISCLOSURE STATEMENT

CRYSTAL PRINTING SOLUTIONS PTY LTD

ORGANISATION CERTIFICATION

FY2022–23

Australian Government
Climate Active
Public Disclosure Statement

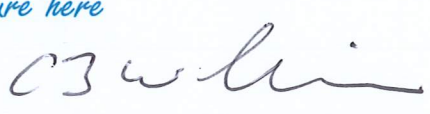


**CRYSTAL
PRINT &
PACKAGING
SOLUTIONS**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Crystal Printing Solutions Pty Ltd (T/A Crystal Print and Packaging Solutions)
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 (FY23) Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p> <p><i>Signature here</i></p> 
	Arnold Whiteside Managing Director 04/06/2024



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version August 2023.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	3139.14 tCO ₂ -e (Rounded up to 3140 tCO ₂ -e)
OFFSETS USED	5% ACCUs, 95% CERs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Automic Pty Ltd
TECHNICAL ASSESSMENT	17 th May 2023 ESG Capital Pty Ltd Next technical assessment due: FY2025

Contents

1. Certification summary	3
2. Carbon neutral information	4
3. Emissions boundary	5
4. Emissions reductions.....	7
5. Emissions summary	11
6. Carbon offsets	13
7. Renewable Energy Certificate (REC) Summary	15
Appendix A: Additional Information	16
Appendix B: Electricity summary	17
Appendix C: Inside emissions boundary	20
Appendix D: Outside emissions boundary	21

2. CARBON NEUTRAL INFORMATION

Description of certification

This carbon neutral certification is for the business operations and corporate activities of Crystal Printing Solutions Pty Ltd (**CPS** or the **Company**; **ABN 57 087 648 593**) for FY23. CPS is a leading printing, packaging, and signage company, based in Perth. Since Financial Year 2022 (1 July 2021 – 30 June 2022; FY22), the Company decided to transition to the Climate Active program and will commit to achieving carbon neutral status *via* the Climate Active program moving forward. This certification does not include CPS's print products and services.

The carbon emissions baseline period is FY22. The emissions baseline data was compiled in accordance with the principles of the Climate Active Carbon Neutral Standard and the National Greenhouse and Energy Reporting Act 2007. The carbon inventory includes, but is not limited to, offices, warehouses, third-party consultants, and paper and freight suppliers. Further details on the emissions boundary are contained in this document.

What originated as an attempt to reduce high energy costs, has become an enduring commitment to sustainable printing and packaging including validated, impactful climate action. CPS believes that it is important to demonstrate that a company can substantially influence and ultimately reduce emissions within its direct or indirect control through awareness, strategic focus, and decision making.

Organisation description

Crystal Printing Solutions Pty Ltd (ABN 57 087 648 593) is a printing company that has achieved carbon neutral status for the past 10 years *via* the [Carbon Reduction Institute](#), demonstrating leadership in sustainable printing and packaging. CPS operates out of its 4000sqm warehouse and office in Cannington, Perth, where all corporate and operational activities occur.

An operational control approach has been selected to determine relevant emission sources. Crystal Printing Solutions Pty Ltd trades under the following names:

- 1) Crystal Print & Packaging Solutions
- 2) Crystalpack
- 3) Worldwide Cannington
- 4) Worldwide East Perth
- 5) Worldwide Online Printing

3.EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary

Quantified

Accommodation
Wooden pallets
Cleaning and chemicals
Carbon neutral products and services
Construction materials and services
Electricity
Food
Horticulture and agriculture
ICT Services and equipment
Machinery and vehicles
Postage, courier, and freight
Products
Professional services
Stationary energy (liquid fuels)
Stationary energy (solid fuels)
Transport (air)
Transport (land and sea)
Waste
Water
Office equipment and supplies

Non-quantified

N/A

Optionally included

N/A

Outside emission boundary

Excluded

N/A

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

The core business of Crystal Printing Solutions requires the business to purchase large amounts of paper, carboard and other materials that are then printed on and sold to customers. In FY23, the purchase of paper contributed to 58% of CPS' total emissions profile. With Opal Australia's mill factory in Victoria closed, Climate Active certified paper is no longer available. Therefore, it is logistically challenging for CPS to set an overarching emission reduction target for the organisation. CPS remains committed to setting an overarching target in reporting period FY25 once the accessibility and feasibility of a Climate Active certified carbon neutral paper source is better defined. In FY23, CPS have taken some action towards achieving FY24 goals (as stated in [CPS's FY22 Climate Active PDS](#)) which the Company is proud to share below. Additionally, CPS has reviewed, refreshed, and expanded its time-bound emissions reduction goals, as detailed below.

Emission Source	Emission Reduction Actions for FY24 (as stated in CPS's FY22's PDS)	Emissions Reduction Actions taken in FY23/FY24	Refreshed time-bound Emissions Reduction Actions	Contribution to FY23's Carbon Inventory
Paper	NIL	<ul style="list-style-type: none"> Engaged with three paper suppliers (biggest spend) to get onboard with Climate Active certification. 	<ul style="list-style-type: none"> Obtain supplier-specific emissions intensity (tCO₂-e/\$M AUD revenue) of three paper suppliers to improve emissions calculation accuracy by FY30. 	58%
Electricity	<ul style="list-style-type: none"> Explore the possibility of Opt-in GreenPower with current electricity contract. 	NIL	<ul style="list-style-type: none"> Increase renewable electricity mix to 60% by FY30. 	8%
Road Freight	NIL		<ul style="list-style-type: none"> Obtain supplier-specific emissions intensity (tCO₂-e/\$M AUD revenue) of two road freight and signage suppliers to improve 	4%
Signages	NIL			2%

Emission Source	Emission Reduction Actions for FY24 (as stated in CPS's FY22's PDS)	Emissions Reduction Actions taken in FY23/FY24	Refreshed time-bound Emissions Reduction Actions	Contribution to FY23's Carbon Inventory
			emissions calculations accuracy by FY30.	
Diesel & Unleaded Petrol	<ul style="list-style-type: none"> Transition two company-paid vehicles to fully electric cars. Conduct a feasibility assessment of hybrid/electric delivery vans. 	<ul style="list-style-type: none"> Converted one company fleet vehicle to a Tesla model Y. 	<ul style="list-style-type: none"> Review applicability for 'Charge Up Workplace EV' charging grant by the WA Government by end Jan 2024. Develop and publish company vehicle procurement policy which mandates that any purchase of company vehicles must be of hybrid or EV make by FY25. Phased transition to hybrid/electric vans for remaining company fleet by FY30. 	1%
Liquified Petroleum Gas	<ul style="list-style-type: none"> Transition all liquified petroleum gas (LPG) usage to Origin Go Zero LPG (Climate Active certified product). 	NIL		< 1%
Flights	<ul style="list-style-type: none"> Voluntarily opt-in for Qantas carbon neutral service for all business-related flights taken with Qantas 	<ul style="list-style-type: none"> Offset a multi-city domestic flight with Qantas voluntary opt-in offset. 	<ul style="list-style-type: none"> Develop and publish business travel policy which includes mandatory opt-in for Qantas/Virgin Australia/Jetstar business-related flights by FY25. From FY24, reduce number of business 	<1%

Emission Source	Emission Reduction Actions for FY24 (as stated in CPS's FY22's PDS)	Emissions Reduction Actions taken in FY23/FY24	Refreshed time-bound Emissions Reduction Actions	Contribution to FY23's Carbon Inventory
			travel unless necessary.	
Drinks (Beer)	<ul style="list-style-type: none"> Buy Capital Brewing Co. Good Nature Brews (Climate Active Certified Product) when purchasing staff drinks. 	NIL		< 1%
General	<ul style="list-style-type: none"> Identify alternative suppliers across the value chain that can provide Climate Active-certified services and/or products. Define feasibility of Climate Active certified paper Encourage suppliers to get onboard with Climate Active certification. Establish ESG sub-committee that is focused on identifying emissions reduction initiatives. 	<ul style="list-style-type: none"> Encourage suppliers to get onboard with Climate Active certification. 	NIL	

Emissions reduction actions

Please refer to the table above.

5.EMISSIONS SUMMARY

Emissions over time

		Emissions since base year	
		Total tCO ₂ -e (without uplift)	Total tCO ₂ -e (with uplift)
Base year:	2021–22	4267.88	N/A
Year 1:	2022–23	3139.14	N/A

Significant changes in emissions

Emission source name	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Detailed reason for change
Virgin paper (domestic)	2950.38	1833.81	Decreased sales paper printing output

Use of Climate Active carbon neutral products, services, buildings or precincts

Certified brand name	Product/Service/Building/Precinct used
Qantas	Qantas Opt-in service
Opal Australian paper	Opal branded paper (Victory High)

Emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-based approach.

Emission category	Sum of scope 1 (tCO ₂ -e)	Sum of scope 2 (tCO ₂ -e)	Sum of scope 3 (tCO ₂ -e)	Sum of total emissions (t CO ₂ -e)
Accommodation and facilities	0.00	0.00	1.25	1.25
Wooden pallets	0.00	0.00	17.76	17.76
Cleaning and chemicals	0.00	0.00	0.24	0.24
Climate Active carbon neutral products and services	0.00	0.00	0.00	0.00
Construction materials and services	0.00	0.00	10.83	10.83
Electricity	0.00	220.80	17.32	238.12
Food	0.00	0.00	2.54	2.54
Horticulture and agriculture	0.00	0.00	2.93	2.93
ICT services and equipment	0.00	0.00	5.80	5.80
Machinery and vehicles	0.00	0.00	152.15	152.15
Postage, courier and freight	0.00	0.00	303.34	303.34
Products	0.00	0.00	90.16	90.16
Professional services	0.00	0.00	67.52	67.52
Stationary energy (liquid fuels)	3.61	0.00	1.22	4.83
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	20.47	20.47
Transport (land and sea)	31.15	0.00	55.61	86.76
Waste	0.00	0.00	130.46	130.46
Water	0.00	0.00	2.32	2.32
Office equipment and supplies	0.00	0.00	2001.66	2001.66
Total emissions	34.76	220.80	2883.57	3139.14

Uplift factors

N/A.

6. CARBON OFFSETS

Offsets retirement approach

This certification has taken an in-arrears offsetting approach. The total emission to offset is 3140 t CO₂-e. The total number of eligible offsets used in this report is 3140. Of the total eligible offsets used, 0 were previously banked and 3140 were newly purchased and retired. 0 are remaining and have been banked for future use.

Co-benefits

Ganluo Camp Hydropower Project

The Ganluo Camp Hydropower project is located in Aga Town in Ganluo County, Tibetan region of Sichuan Province, China, which is an economically disadvantaged region of the country. This project contributes to:

1. Social well-being by bringing electricity to villages that previously relied on firewood for energy and lacked access to lighting and electricity.
2. Economic well-being by creating 14 local employment opportunities during both the construction and operational phases.
3. Environmental protection by dedicating 2% of the power station's annual income and 5% of carbon sales income to environmental protection.
4. Social well-being by providing donations and sponsorships to local students and schools and improving local infrastructure, particularly in the enhancement of transportation.

Eligible offsets retirement summary

Offsets retired for Climate Active carbon neutral certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Ganluo Camp Hydropower Project	CER	CDM	29/11/2023	CN-5-1190743300-2-2-0-5134 – CN-5-1190746282-2-2-0-5134	CP2	0	2983	0	0	2983	95%
Yuin Station, Murchison, HIR aggregation	ACCU	ANREU	29/11/2023	8,342,659,987 - 8,342,660,143	2021-22	0	157	0	0	157	5%
Total eligible offsets retired and used for this report										3140	
Total eligible offsets retired this report and banked for use in future reports									0		


Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Australian Carbon Credit Units (ACCU)	157	5%
Certified Emissions Reductions (CERs)	2983	95%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

APPENDIX A: ADDITIONAL INFORMATION



United Nations
Framework Convention on
Climate Change

Date: 29 NOVEMBER 2023
REFERENCE: VC30789/2023

VOLUNTARY CANCELLATION CERTIFICATE

Presented to
Automic Group

Project
Ganluo Camp Hydropower Project

Reason for cancellation
Retired on behalf of Crystal Printing Solutions to meet their carbon neutral obligations as required for Crystal Printing Solutions' FY23 Climate Active certification.


Number of units cancelled

2,983 CERs

Equivalent to 2,983 tonne(s) of CO₂

Start serial number: CN-5-1190743300-2-2-0-5134
End serial number: CN-5-1190746282-2-2-0-5134
Monitoring period: 01-01-2012 - 31-12-2018

The certificate is issued in accordance with the procedure for voluntary cancellation in the CDM Registry. The reason included in this certificate is provided by the cancellor.



Appendix A1: Proof of CER Retirement

Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID	AU30986
Current Status	Completed (4)
Status Date	29/11/2023 14:28:14 (AEDT) 29/11/2023 03:28:14 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Sain-ley-berry-gray, Sebastian
Transaction Approver	Sain-ley-berry-gray, Sebastian
Comment	Retired on behalf of Crystal Printing Solutions to meet their carbon neutral obligations as required for Crystal Printing Solutions' FY23 Climate Active certification

Transferring Account

Account Number	AU-3150
Account Name	EVERCLIME PTY LTD
Account Holder	EVERCLIME PTY LTD

Acquiring Account

Account Number	AU-1068
Account Name	Australia Voluntary Cancellation Account
Account Holder	Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard #	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			ERF159556					2021-22		8,342,659,987 - 8,342,660,143	157

Appendix A2: Proof of ACCU retirement.

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

Location-based method:

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method:

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

For this certification, electricity emissions have been set by using the **location-based approach**.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO ₂ -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	90,609	0	17%
Total non-grid electricity	90,609	0	17%
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	81,394	0	16%
Residual Electricity	351,554	335,734	0%
Total renewable electricity (grid + non grid)	172,003	0	33%
Total grid electricity	432,948	335,734	16%
Total electricity (grid + non grid)	523,557	335,734	33%
Percentage of residual electricity consumption under operational control	100%		
Residual electricity consumption under operational control	351,554	335,734	
Scope 2	310,463	296,493	
Scope 3 (includes T&D emissions from consumption under operational control)	41,091	39,242	
Residual electricity consumption not under operational control	0	0	
Scope 3	0	0	

Total renewables (grid and non-grid)	32.85%
Mandatory	15.55%
Voluntary	0.00%
Behind the meter	17.31%
Residual scope 2 emissions (t CO₂-e)	296.49
Residual scope 3 emissions (t CO₂-e)	39.24
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	296.49
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	39.24
Total emissions liability (t CO₂-e)	335.73

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location-based approach summary						
Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	100%	(kWh)	Scope 2 Emissions (kgCO ₂ -e)	Scope 3 Emissions (kgCO ₂ -e)	(kWh)	Scope 3 Emissions (kgCO ₂ -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	0	0	0	0	0	0
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	432,948	432,948	220,804	17,318	0	0
TAS	0	0	0	0	0	0
Grid electricity (scope 2 and 3)	432,948	432,948	220,804	17,318	0	0
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	90,609	90,609	0	0		
TAS	0	0	0	0		
Non-grid electricity (behind the meter)	90,609	90,609	0	0		
Total electricity (grid + non grid)	523,557					

Residual scope 2 emissions (t CO₂-e)	220.80
Residual scope 3 emissions (t CO₂-e)	17.32
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	220.80
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO₂-e)	17.32
Total emissions liability	238.12

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

N/A.

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

N/A.



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