



# **PUBLIC DISCLOSURE STATEMENT**

**REGAL INNOVATIONS PTY LTD**


**ORGANISATION CERTIFICATION**

**FY2022-23**

Australian Government

# Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY	Regal Innovations Pty Ltd
REPORTING PERIOD	Financial Year – 1 July 2022 – 30 June 2023 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>Robert Stanton Managing Director 6/11/24</p>



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

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Version August 2023.



# 1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1,222 tCO <sub>2</sub> -e
CARBON OFFSETS USED	85% VCUs and 15% ACCUs
RENEWABLE ELECTRICITY	18.83%
CARBON ACCOUNT	Prepared by: Ndevr Environmental Pty Ltd
TECHNICAL ASSESSMENT	Feb 2024 Ndevr Environmental Pty Ltd Next technical assessment due: FY2025-26 Report
THIRD PARTY VALIDATION	FY2022-23 Type 1 Date: 18 March 2024 Name: Katherine Simmons Organisation: Krea Consulting Pty Ltd

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## 2.CERTIFICATION INFORMATION

### Description of organisation certification

This organisation certification is for the business operations of Regal Innovations Pty Ltd ABN 79 002 411 814.

The emissions inventory in this Public Disclosure Statement has been developed in accordance with the Climate Active Carbon Neutral Standard for Organisations using the operational control approach. All project related emissions been excluded as they have been assessed as not relevant for an organisational certification.

This Public Disclosure Statement includes information for FY2022-23 reporting period.

### Organisation description

Regal Innovations, established in 1971 is now a leader in the commercial and civil landscaping industry and offers a range on construction services to clients across Australia.

Regal Innovations services encompass all aspects of the external environment, including green and blue infrastructure, urban ecology, bush regeneration works, heritage works and cultural works.

Regal Innovations is headquartered in Mulgrave, NSW and is part of a stand-alone building.

Regal Innovations operated from one head office and four yards in FY23; the headquarters on 2/30 Park Road, Mulgrave, NSW 2756, and the following yards: Vineyard Yard, Harrington Yard, ACT Yard and VIC Yard.

In total, Regal Innovations employed 89 FTE during FY23.

An operational control approach was taken to confirm the organisation boundary.

## 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 and facilities  
Electricity  
Food  
ICT services and equipment  
Machinery and vehicles  
Professional services  
Office equipment and supplies  
Refrigerants  
Transport (air)  
Transport (land and sea)  
Waste  
Water

### Non-quantified

N/A

### Optionally included

N/A

## Outside emission boundary

### Excluded

Project-Related  
Materials

Project-Related Freight

## 4.EMISSIONS REDUCTIONS

### Emissions reduction strategy

The FY2022-23 GHG Inventory is the first exercise for Regal Innovations to measure our organisational emissions. These outcomes will assist us in discovering alternative approaches and reducing our carbon footprint in the forthcoming years.

- Regular maintenance, tuning, and driver training programs to optimise fuel efficiency and reduce emissions from **company vehicles**
- Source electricity from **renewable energy** providers such as solar, wind, or hydroelectric power to reduce the carbon footprint associated with electricity consumption.
- Invest in **energy-efficient technologies** and equipment, such as LED lighting and energy-efficient appliances, to decrease electricity demand and associated emissions.
- Develop and implement a procurement policy signalling demand for lower emissions solutions or **carbon neutral** products/services.
- Use ethically-produced low-carbon earth, hybrid bio-based materials, and increase the use of **sustainable alternatives** like bricks, timber, and wood.
- Prefer **suppliers** with emissions reduction targets and those electrifying and decarbonising energy used in production.
- Encourage the use of **virtual meeting** platforms to minimise the need for **business travel**, thereby reducing emissions from air and road transportation.
- Implement **waste** reduction strategies, such as recycling and composting programs, to minimise the amount of waste sent to landfills and reduce associated emissions.
- Transition to digital documentation and electronic communication systems to **minimise paper** usage.

Overall Regal Innovation commits to the following quantifiable reductions by 2030 from a 2023 base year

- Reducing employee commuting emissions by 10%
- Reducing electricity emission by 30%
- Reducing diesel oil emissions by 20%

## 5.EMISSIONS SUMMARY

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

Certified brand name	Product/Service/Building/Precinct used
N/A	

### Emissions summary

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

Emission category	Scope 1 emissions (tCO <sub>2</sub> -e)	Scope 2 emissions (tCO <sub>2</sub> -e)	Scope 3 emissions (tCO <sub>2</sub> -e)	Total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	2.93	2.93
Electricity	0.00	18.09	2.39	20.48
Food	0.00	0.00	35.75	35.75
ICT services and equipment	0.00	0.00	21.46	21.46
Machinery and vehicles	0.00	0.00	204.12	204.12
Office equipment & supplies	0.00	0.00	18.27	18.27
Products	0.00	0.00	2.35	2.35
Professional Services	0.00	0.00	62.52	62.52
Refrigerants	1.17	0.00	0.00	1.17
Transport (Air)	0.00	0.00	22.55	22.55
Transport (Land and Sea)	552.58	0.00	231.63	784.21
Waste	0.00	0.00	37.08	37.08
Water	0.00	0.00	7.76	7.76
Working from home	0.00	0.00	1.17	1.17
<b>Total emissions (tCO<sub>2</sub>-e)</b>	<b>553.76</b>	<b>18.09</b>	<b>649.98</b>	<b>1221.83</b>



## Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO <sub>2</sub> -e
N/A	0
Total of all uplift factors (tCO <sub>2</sub> -e)	0
<b>Total emissions footprint to offset (tCO<sub>2</sub>-e)</b> <i>(total emissions from summary table + total of all uplift factors)</i>	<b>1221.83</b>

## 6. CARBON OFFSETS

### Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Australian Carbon Credit Units (ACCUs)	184	15%
Verified Carbon Units (VCUs)	1038	85%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity retired (tCO <sub>2</sub> -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 (%)
Afforestation of degraded grasslands in Caazapa and Guairá	VCU	VERRA	27/06/2024	<a href="#">12630-421751807-421752844-VCS-VCU-576-VER-PY-14-2498-01012018-31122018-0</a>	01/01/2018 – 31/12/2018	-	1038	0	0	1038	85%
Tiwi Islands Savanna Burning for Greenhouse Gas Abatement	ACCU	ANREU	03/07/2024	3,773,004,651-3,773,004,824 (Please see retirement notice on page 12)	2018-19	-	184	0	0	184	15%
Total eligible offsets retired and used for this report										1222	
Total eligible offsets retired this report and banked for use in future reports									0		

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	N/A
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\* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
N/A									
Total LGCs surrendered this report and used in this report									

# APPENDIX A: ADDITIONAL INFORMATION.

## Proof of purchase of ACCUs:

Transaction ID	AU34581
Current Status	Completed (4)
Status Date	03/07/2024 14:17:16 (AEST) 03/07/2024 04:17:16 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Stuart, Benjamin Mathew Clarke
Transaction Approver	Rockliff, Nathan Stephen
Comment	Cancelled on behalf of Regal Innovation for their Climate Active certification requirements.

Transferring Account		Acquiring Account	
Account Number	AU-2321	Account Number	AU-1068
Account Name	Carbon Financial Services Pty. Ltd.	Account Name	Australia Voluntary Cancellation Account
Account Holder	Carbon Financial Services Pty. Ltd.	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			<a href="#">ERF105045</a>					2018-19		3,773,004,651 - 3,773,004,834	184

Transaction Status History	
Status Date	Status Code
03/07/2024 14:17:16 (AEST)	Completed (4)
03/07/2024 04:17:16 (GMT)	
03/07/2024 14:17:16 (AEST)	Proposed (1)
03/07/2024 04:17:16 (GMT)	
03/07/2024 14:17:15 (AEST)	Account Holder Approved (97)
03/07/2024 04:17:15 (GMT)	
02/07/2024 22:22:02 (AEST)	Awaiting Account Holder Approval (95)
02/07/2024 12:22:02 (GMT)	

## 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 **market-based approach**.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
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)	7	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	2	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	4,965	0	19%
Residual Electricity	21,445	20,480	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>4,974</b>	<b>0</b>	<b>19%</b>
<b>Total grid electricity</b>	<b>26,419</b>	<b>20,480</b>	<b>19%</b>
<b>Total electricity (grid + non grid)</b>	<b>26,419</b>	<b>20,480</b>	<b>19%</b>
Percentage of residual electricity consumption under operational control	100%		
<b>Residual electricity consumption under operational control</b>	<b>21,445</b>	<b>20,480</b>	
Scope 2	18,938	18,086	
Scope 3 (includes T&D emissions from consumption under operational control)	2,507	2,394	
<b>Residual electricity consumption not under operational control</b>	<b>0</b>	<b>0</b>	
Scope 3	0	0	

<b>Total renewables (grid and non-grid)</b>	<b>18.83%</b>
<b>Mandatory</b>	<b>18.80%</b>
<b>Voluntary</b>	<b>0.03%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>18.09</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>2.39</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>18.09</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>2.39</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>20.48</b>

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 <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	10	10	7	1	0	0
NSW	25,850	25,850	18,871	1,551	0	0
VIC	558	558	475	39	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>26,419</b>	<b>26,419</b>	<b>19,353</b>	<b>1,591</b>	<b>0</b>	<b>0</b>
ACT	0	0	0	0		
NSW	0	0	0	0		
VIC	0	0	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>26,419</b>					

<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>19.35</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>1.59</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>19.35</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>1.59</b>
<b>Total emissions liability</b>	<b>20.94</b>

### Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.		

### Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A	0	0
Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.		

## APPENDIX C: INSIDE EMISSIONS BOUNDARY

### Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant non-quantified emission sources	Justification reason
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

The below emission sources have been assessed as not relevant to this organisation's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions.
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

## Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Building Materials	Y	N	N	N	N	Not relevant as per relevance test. Although embodied emissions associated with building materials is likely to be high, Regal cannot influence the selection of these in carrying out its work. In addition, these emission categories have been excluded as these are project related expenses
Freight of Goods	N	N	N	Y	N	Not relevant as per relevant test. In addition, these emission categories have been excluded as these are project related expenses



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