



PUBLIC DISCLOSURE STATEMENT

**THE NATURAL BEVERAGE
COMPANY PTY LTD, TRADING AS KRÉOL**

**ORGANISATION CERTIFICATION
FY2021-22**


Australian Government
Climate Active
Public Disclosure Statement

kréol.



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	The Natural Beverage Company Pty Ltd (trading as Kréol)
REPORTING PERIOD	1 July 2021 – 30 June 2022 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>Andrew Rush Director 20/12/22</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	300 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	18.59%
TECHNICAL ASSESSMENT	Date: 19/10/2022 Verena Schubert Pathzero Pty Ltd Next technical assessment due: October 2025
THIRD PARTY VALIDATION	Type 1 18/10/2022 Benjamin Jenkins GPP Audit Pty Limited

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Australian business operations of The Natural Beverage Company, trading as Kréol, ABN 53621119775.

Organisation description

The Natural Beverage Company Pty Ltd, trading as Kréol (ABN 53621119775), is 100% privately owned with no subsidiary and/or child companies. Kréol beverages was established in 2018 with the purpose of providing premium, locally produced all natural range of beverages for the Australian market. Kréol's business operations are based in Victoria, Australia.

Kréol is an organisation that brings healthier 'better for you' products to the beverage market. Our products contain real fruit ingredients that rely on a healthy stable climate.

Our business operations are located at:
5 Paran PI, Glen Iris VIC 3146, Australia.

“Part of our company focus is doing better for the planet, this includes actioning change within our own business and partner organisations, continuing the journey of reducing and offsetting our carbon footprint”.

3. EMISSIONS BOUNDARY

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

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 or precinct'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		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and facilities Cleaning and Chemicals Electricity Food ICT services and equipment Machinery and vehicles Office equipment & supplies Postage, courier and freight Professional Services Transport (Air) Transport (Land and Sea) Waste Staff Commuting Third Party Manufacturing 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>Refrigerants</p>
	<p><u>Optionally included</u></p> <p>N/A</p>	

Data management plan for non-quantified sources

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

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Kreol is planning to reduce its most significant emissions sources by implementing the following emissions reduction strategy.

1. Road Freight

Reduce freight emissions to 10% by 2027 compared to the base year (FY2021-22). Freight represents a significant portion of the emissions of Kreol. To reduce these, we have kicked off a staff engagement program to provide more information to reduce emissions. This includes Supply chain and Sustainability committee.

- Supply chain: Engage with your supply chain to provide GHG emissions inventory associated with your service/product. This data can be used to develop 'key performance indicators' that can be utilised to select a suppliers.
 - Streamlining packaging to a lighter format to relieve logistics weight per parcel (1-3 year scope for transition)
 - Strategy to maximise freight loads for less frequent deliveries (12 months)
 - Strategy to enhance pack configurations to maximise use of space (12 months)
- Sustainability committee: Create an internal workplace sustainability committee to drive emission reduction opportunities and track progress over time.
 - Internal team to review and track and implement progress.
 - Committee meetings conducted every 8 weeks.

2. Mailing services: parcel, postal and courier (E-commerce shipping/postage and couriers)

Reduce mailing services: parcel, postal and courier emissions to 10% by 2027 compared to the base year (FY2021-22). Mailing services: parcel, postal and courier represents a significant portion of the emissions of Kreol. To reduce these, we have kicked off a staff engagement program to provide more information to reduce emissions. This includes Supply chain and Sustainability committee

- Incentivise less frequent delivery model via larger MOQ's
- Implement new pack formats with superior configurations and use of space
- Move packaging into lighter more freight friendly format
- Internal team to review and track and implement progress.
- Committee meetings conducted every 8 weeks.
-

3. Professional services

Reduce professional services emissions to 15% by 2027 compared to the base year (FY2021-22).

Professional services represent a significant portion of the emissions of Kreol. To reduce these, we have

- Engage where possible companies that have an active carbon reduction & offset plan in place
- Reduce requirements for external professional services
- Increase services internally with less footprint for service

4. Electricity

Reduce electricity emissions (Scope 2) to 60% by 2027 compared to the base year (FY2021-22).

Electricity emissions represent a significant portion of the emissions of Kreol. To reduce these, we have

- Implemented renewable electricity sources to power internal operations

5. Company vehicles – fossil fuels

Reduce 'company vehicles – fossil fuels' related emissions to 10% by 2027 compared to the base year (FY2021-22). 'Company vehicles – fossil fuels' emissions represent a significant portion of the emissions of Kreol. To reduce these, we have

- Procurement of hybrid & fully electrical vehicles for future company vehicles.

5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

The Natural Beverage Company Pty Ltd did not use any Climate Active carbon neutral products and services this reporting period.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-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 (tCO ₂ -e)
Accommodation and facilities	0	0	0.08	0.08
Cleaning and Chemicals	0	0	0.16	0.16
Electricity	0	9.374	0.00	9.374
Food	0	0	14.44	14.44
ICT services and equipment	0	0	6.79	6.79
Machinery and vehicles	0	0	1.29	1.29
Office equipment & supplies	0	0	4.06	4.06
Postage, courier and freight	0	0	203.75	203.75
Professional Services	0	0	33.36	33.36
Transport (Air)	0	0	2.23	2.23
Transport (Land and Sea)	6.609752832	0	1.46	8.07
Waste	0	0	1.49	1.49
Staff Commuting	0	0	7.88	7.88
Third Party Manufacturing	0	0	6.05	6.05
Total	6.609752832	9.374	283.04	299.03

Uplift factors

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

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

6. CARBON OFFSETS

Offsets retirement approach

In arrears	
1. Total emissions footprint to offset for this report	300
2. Total eligible offsets purchased and retired for this report	300
3. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Niht Topaiyo REDD+ (Papua New Guinea)

This project, located in Papua New Guinea, involves a partnership between NIHT Inc. and the traditional landowners of New Ireland and East New Britain to put an end to deforestation initiated by industrial logging in the region. This project has the following co-benefits:

- Support the preservation of rainforests with carbon and biodiversity benefits by putting an end to deforestation initiated by industrial logging in the region.
- Support the carbon sequestering potential of the region which has evolved into a forest protection project that will provide substantial economic benefits to the people of Papua New Guinea.

Eligible offsets retirement summary

Offsets cancelled 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 (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 (%)
Niht Topaiyo REDD+	VCUs	VERRA	19 Oct 2022	9895-156961230-156961529-VCS-VCU-466-VER-PG-14-2293-01062017-31122019-0	2017		300	0	0	300	100%
Total offsets retired this report and used in this report										300	
Total offsets retired this report and banked for future reports									0		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Verified Carbon Units (VCUs)	300	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A.

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

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

* 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.

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach.

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.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	2,151	0	19%
Residual Electricity	9,422	9,374	0%
Total grid electricity	11,573	9,374	19%
Total Electricity Consumed (grid + non grid)	11,573	9,374	19%
Electricity renewables	2,151	0	
Residual Electricity	9,422	9,374	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		9,374	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	9		

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

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	11,573	10,531	1,157
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	11,573	10,531	1,157
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	11,573	10,531	1,157
Emission Footprint (TCO2e)	12		
<i>Scope 2 Emissions (TCO2e)</i>	11		
<i>Scope 3 Emissions (TCO2e)</i>	1		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct'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.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Refrigerants	No	No	No	No	No	No



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