

Australian Government
Climate Active Public Disclosure Statement

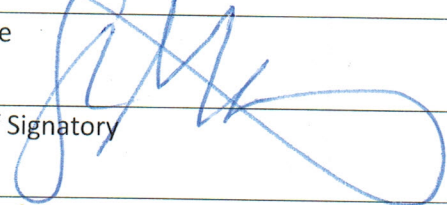


NAME OF CERTIFIED ENTITY:

REPORTING PERIOD: 1 January 2019 – 31 December 2019

Declaration

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.

Signature 	Date 29/6/20
Name of Signatory Josh Maestowick	
Position of Signatory Director	



Australian Government
Department of Industry, Science,
Energy and Resources

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1. Carbon neutral information

Description of certification

Josh's IGA was certified under NCOS as a carbon neutral organization for the calendar year 2018 which is the base year. The current PDS is for the ongoing certification with CY2019 as a second reporting year. Josh's IGA is a local store in South Australia and does not have any operations overseas.

Organisation description

Josh's IGA was established in August 2011, as a medium sized Supermarket based in Murray Bridge South Australia.

Josh's philosophy is to source what he can from as close to the store as possible. Shortening food miles are an important focus. It also has benefits to the local economy. We live in the biggest food bowl within the country, therefore it makes sense to source local produce.

Josh's family has been in the grocery industry for over 30 years. As a young boy Josh was always conscious of the environment and the impacts that we have as humans. Josh started recycling milk cartons from an early age, this progressed into recycling what he could including plastic bottles, cardboard and plastic wrap.

The family also own a small property and utilise the waste from the IGA's produce department to help feed the animals on the farm, ensuring that what can be is returned to the land.

Josh's IGA have always had the environment as one of the main focuses of their business. Josh's IGA were one of the first stores in Australia to put doors onto their refrigeration. They installed sensors onto the freezer cabinets to ensure the lights turned off when the isle is vacant. These measures ensured that their energy consumption is minimised and efficiencies are maximised.

Since establishing the business Josh has always had a goal to make his Supermarket more efficient and limit the effects on the environment, with an overarching goal to become carbon neutral. The business continually strives to innovate and utilise what would otherwise be thrown away into land fill.

At Josh's IGA they understand that it is near impossible to totally eliminate Carbon from their enterprise. They have minimised their carbon output by putting a solar system onto the roof, installed energy efficient LED lighting, closed door refrigeration, and sensor lighting. They aim to be a responsible corporate citizen. By calculating their remaining carbon emissions they want to put a price onto their impact on the environment and ensure that they counter the effects.

Emissions reduction strategy

After conducting a full independent energy audit IGA discovered that they could significantly reduce their carbon footprint by implementing the following measures:

Apply a tailored Solar system to the building site, this was the most significant reduction of carbon, generated by our business. Slashing our consumption by at least 50%

We also identified that by putting in LED lighting we could further reduce our consumption.

The third most significant reduction came through applying EnviroTemp to our refrigeration and air conditioning system.

We understand that our type of business will always have a consumption of carbon, what we have identified is that we can be smart and aim to recycle what we can. With an aim to get what we can into the circular economy. Reduce our land fill waste wherever possible. If it can be recycled, we recycle it!

After the Energy Audit we realised that we were very close to achieving our goal of being carbon neutral. We decided to calculate the remainder of our carbon consumption and offset.

We continue to identify efficiencies and ways and means of reducing our carbon footprint.

- Moving to Bio packaging - coffee cups, cutlery, product packaging
- Only printing when absolutely necessary.
- Further reduction of landfill waste
- Electric delivery vehicles
- Retrofitting medium temperature refrigeration with LED Lighting

Emissions reduction actions

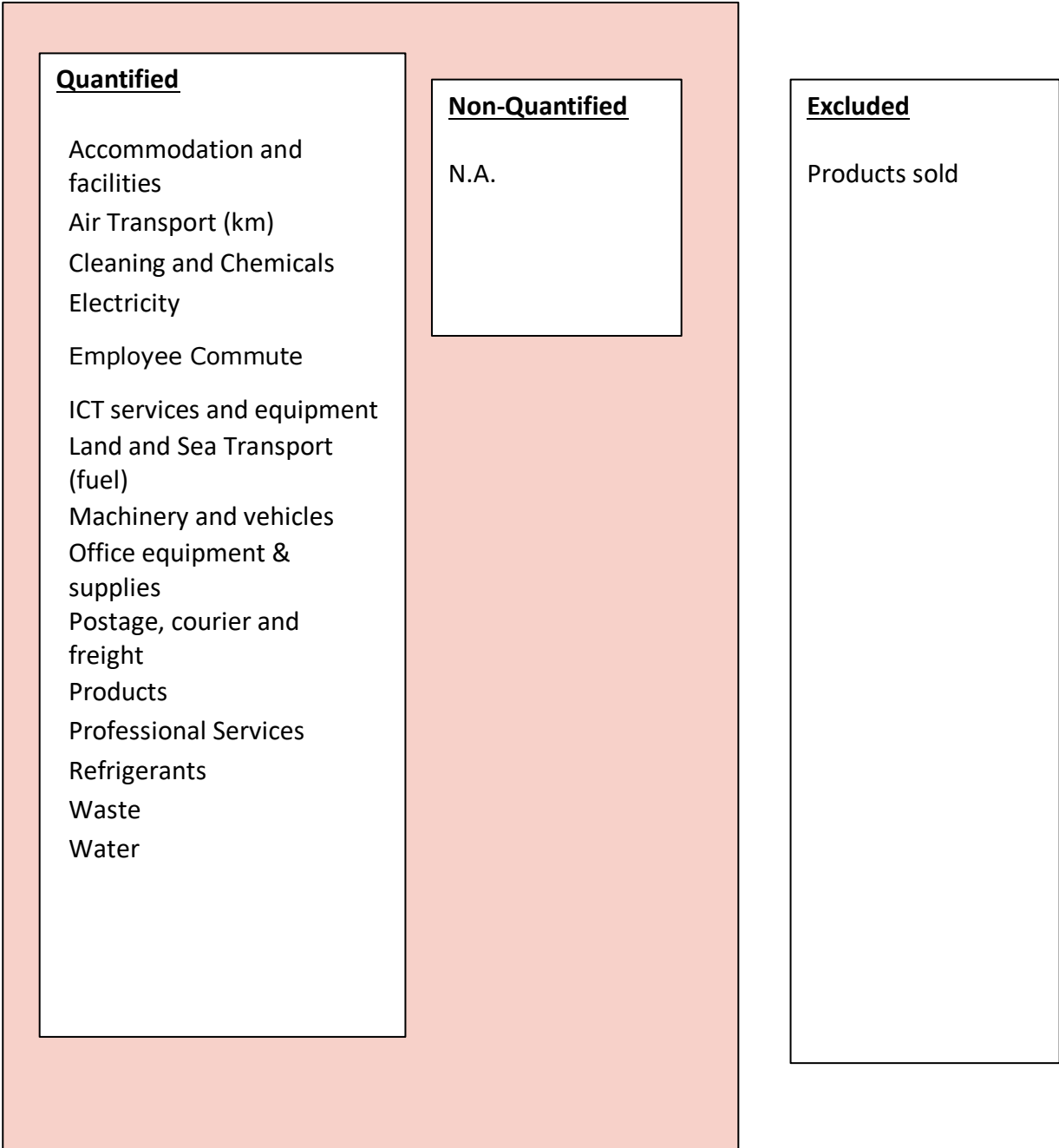
To reduce our carbon footprint we have undertaken the following steps

- Closed Door refrigeration on the majority of our display fridges - July/August 2011
- LED sensor lighting on Freezer display fridges – July/August 2011
- LED store lighting - February 2019
- 100 kW PV Solar system – November 2018
- EnviroTemp placed into refrigeration and air conditioning to lower running costs - June 2019
- Recycling all cardboard and paper waste – Since July/August 2011
- Recycling all plastic bottles/ containers, not just the bottles that offer a refund of 10c – Since July/August 2011
- Recycle all plastic that is currently accepted by our local recycling company – Since July/August 2011
- All waste from produce department used to feed animals on the family farm – Since July/August 2011
- We only print receipts for customers on request – September 2019
- Sourcing produce as locally as possible, where available and as a first choice. – Since July/August 2019.

2. Emission Boundary

Diagram of the certification boundary

This is a small organisation certification. However in addition to the standard Climate Active Small Organisation emissions boundary, additional emission categories were included in this reporting.



Non-quantified sources

There are no non-quantified sources.

Excluded sources (outside of certification boundary)

The only excluded source from our inventory is the Products sold. Based on the relevance test applied, the products sold are considered to be not relevant for the organisation certification and therefore excluded from the accounts.

3. Emissions summary

Table 3. Emissions Summary	
Emission source category	tonnes CO ₂ -e
Electricity	156.12
Refrigerants	87.09
Postage, courier and freight	48.06
Employee Commute	15.98
Office equipment & supplies	9.26
Waste	3.74
ICT services and equipment	1.85
Land and Sea Transport (fuel)	1.70
Cleaning and Chemicals	0.82
Professional Services	0.57
Air Transport (km)	0.56
Products	0.45
Water	0.34
Machinery and vehicles	0.18
Accommodation and facilities	0.15
Total Net Emissions	326.88

Uplift factors

Not applicable.

Carbon Neutral products

Not applicable.

Electricity Summary

Electricity was calculated using a Location approach.

The Climate Active team are consulting on the use of a market vs location-based approach for electricity accounting with a view to finalising a policy decision for the carbon neutral certification by July 2020. Given a decision is still pending on the accounting way forward, a summary of emissions using both measures has been provided for full disclosure and to ensure year on year comparisons can be made.

Table 5: Market-based approach Electricity summary

Market Based Approach:

Electricity Inventory items	kWh	Emissions tonnes CO ₂ e)
Electricity Renewables	54,790	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	239,781	259.23
Renewable electricity percentage	19%	
Net emissions (Market based approach)		259

Table 6 Location-based summary

State/ Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO ₂ e)
SA	Electricity Renewables	-	-0.53	0.00
SA	Electricity Carbon Neutral Power	-	-0.53	0.00
SA	Netted off (exported on-site generation)	-	-0.44	0.00
SA	Electricity Total	294572	0.53	156.12
	Total net electricity emissions (Location based)		0.00	156.12

4. Carbon offsets

Offset purchasing strategy: in arrears

Table 4 Offsets Summary

1. Total offsets required for this report				327					
2. Offsets retired in previous reports and used in this report				0					
3. Net offsets required for this report				327					
Project description	Eligible offset units type	Registry unit retired in	Date retired	Serial number (including hyperlink to registry transaction record)	Vintage	Quantity (tonnes CO2-e)	Quantity used for previous report	Quantity to be banked for future years	Quantity to be used this report
Bundled Wind Power Project in Madhya Pradesh, Gujarat and Kerala by D.J. Malpani	VCU	APX	18/06/2020	https://registry.terra.org/myModule/rpt/myrpt.asp?r=206&h=113612 SN: 7045-366193025-36619 3351-VCU-034-APX- IN-1-1679-28032016-311 22016-0	2016	327	0	0	327
Total offsets retired this report and used in this report							327		
Total offsets retired this report and banked for future reports							0		

5. Use of trade mark

Table 5

Description where trademark used	Logo type
On our signage in the store – Manifesto, Gondola ends, point of sale	Climate Active Organisation
<ul style="list-style-type: none"> Marketing – Facebook, Flyers, Business cards, Mail lists 	Climate Active Organisation
<ul style="list-style-type: none"> Emails 	Climate Active Organisation

Appendix 1: Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Excluded Emission	Relevance Test				
	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
Products sold	x	x	x	x	x