

Australian Government  
**Carbon Neutral Program**  
**Public Disclosure Summary**



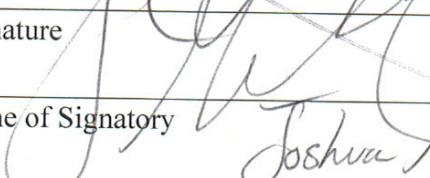
An Australian Government Initiative

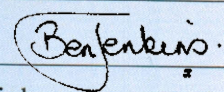
NAME OF CERTIFIED ENTITY: Josh's IGA

REPORTING PERIOD: 1 January 2018 – 31 December 2018

**Declaration**

To the best of my knowledge, the information provided in this Public Disclosure Summary is true and correct and meets the requirements of the National Carbon Offset Standard Carbon Neutral Program.

Signature		Date
Name of Signatory	Joshua Maczkowski	
Position of Signatory	Director	

Carbon neutral certification category	Organisation
Date of most recent external verification/audit	November 2019
Auditor	 Benjamin Jenkins
Auditor assurance statement link	



**Australian Government**

**Department of the Environment and Energy**

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## 1. Carbon neutral information

### 1A. Introduction

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 aisle 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 landfill.

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.

### 1B. Emission sources within certification boundary

#### Quantified sources

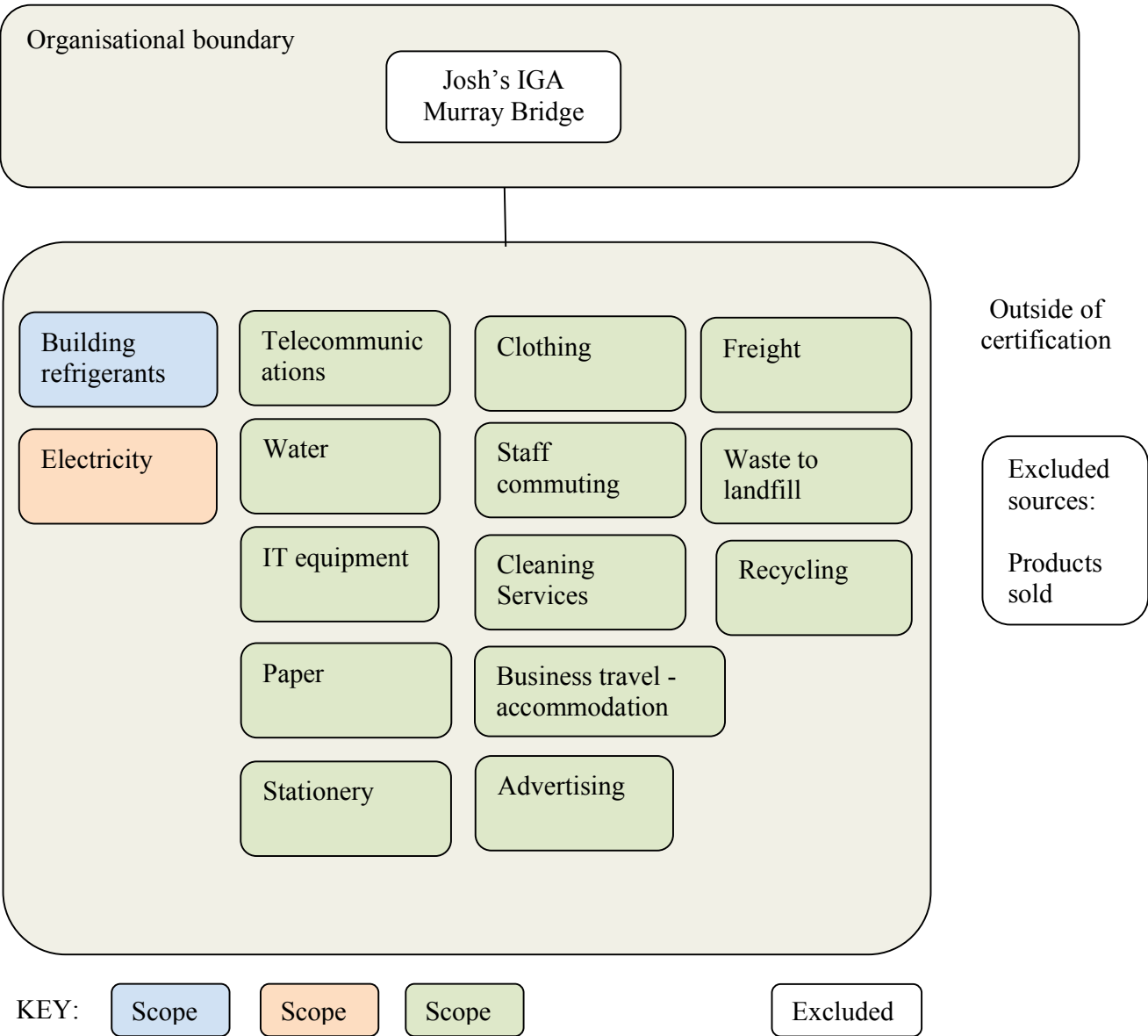
The following emission sources have been included:

Electricity, Refrigerants, Water, Waste, Freight, Staff Commuting, Telecommunication, IT Equipment, Stationery, Advertising, Paper, Business Accommodation, Recycling, Cleaning Services, and Clothing.

#### Excluded sources

- 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.
- There were no business flights for the reporting period.
- The business travel by car was captured under the Employee Commute Survey.

1C. Diagram of the certification boundary



## 2. Emissions reduction measures

### 2A. 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

### 2B. 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 2011.

### 3. Emissions summary

<b>Table 2. Emissions Summary</b>		
Scope	Emission source	t CO <sub>2</sub> -e
1	Refrigerants	87.1
2	Electricity	242.8
3	Telecommunications	1.4
3	Water	0.4
3	IT Equipment	3.0
3	Paper 1	0.4
3	Stationery	0.1
3	Clothing	0.05
3	Employee Commute	16.7
3	Cleaning Services	0.7
3	Domestic Hotel Accommodation	0.3
3	Advertising	2.7
3	Freight	64.2
3	Waste-landfill	3.4
3	Recycling	3.9
<b>Total Gross Emissions</b>		<b>427.1</b>
GreenPower or retired LGCs		0
<b>Total Net Emissions</b>		<b>427.1</b>

## 4. Carbon offsets

### 4A. Offsets summary

<b>Table 3. Offsets Summary</b>				
Date of cancellation	Offset project, unit type and registry	Serial numbers	Vintage	Quantity
11 Oct 2019	Bundled Wind Power Project in Madhya Pradesh, Gujarat and Kerala by D.J. Malpani; VCSR1299	7045-366185311-366185738-VCU-034-APX-IN-1-1679-28032016-31122016-0  <a href="https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&amp;h=27236">https://vcsregistry2.apx.com/myModule/rpt/myrpt.asp?r=206&amp;h=27236</a>	2016	428
Total offsets cancelled				428
Net emissions after offsetting				0
Total offsets banked for use future years: (if any)				N.A.

### 4B. Offsets purchasing and retirement strategy

Offsets are purchased and retired in arrears at the end of the reporting period.

## 5. Use of trade mark

<b>Table 4. Trade mark register</b>	
Where used	Logo type
<ul style="list-style-type: none"> <li>On our signage in the store – Manifesto, Gondola ends, point of sale</li> </ul>	Climate Active Organisation
<ul style="list-style-type: none"> <li>Marketing – Facebook, Flyers, Business cards, Mail lists</li> </ul>	Climate Active Organisation
<ul style="list-style-type: none"> <li>Emails</li> </ul>	Climate Active Organisation
<ul style="list-style-type: none"> <li>Any packaging we use that is carbon neutral that we use instore for products</li> </ul>	Climate Active Organisation