

Australian Government  
Climate Active Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Greenfleet

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  <i>Shreya Hegde</i>	Date 10/08/2020
Name of Signatory Shreya Hegde	
Position of Signatory Partnerships Manager	



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

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## 1. Carbon neutral information

### Description of certification

This inventory has been prepared for the financial year from 1 January 2019 to 31 December 2019.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes all operations which are controlled by Greenfleet.

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

Where possible, the calculation methodologies and emission factors used in this inventory are derived from the National Greenhouse Accounts (NGA) Factors in accordance with "Method 1" from the National Greenhouse and Energy Reporting (Measurement) Determination 2008.

The greenhouse gases considered within the inventory are those that are commonly reported under the Kyoto Protocol; carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O) and synthetic gases - hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>). These have been expressed as carbon dioxide equivalents (CO<sub>2</sub>-e) using relative global warming potentials (GWPs).

### Organisation description

Greenfleet is a leading environmental not-for-profit organisation with the mission to protect our climate by restoring our forests. On behalf of our supporters, we plant biodiverse native forests to offset carbon emissions and fight the impacts of climate change.

As Australia's first carbon offset provider, since 1997, Greenfleet has planted 9.4 million trees, creating more than 500 biodiverse forests in Australia and New Zealand, which are protected for up to 100 years and have offset more than 3.4 million tonnes of CO<sub>2</sub>-e.

Our forests capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and restore habitat for wildlife, including many endangered species.

### Emissions reduction strategy

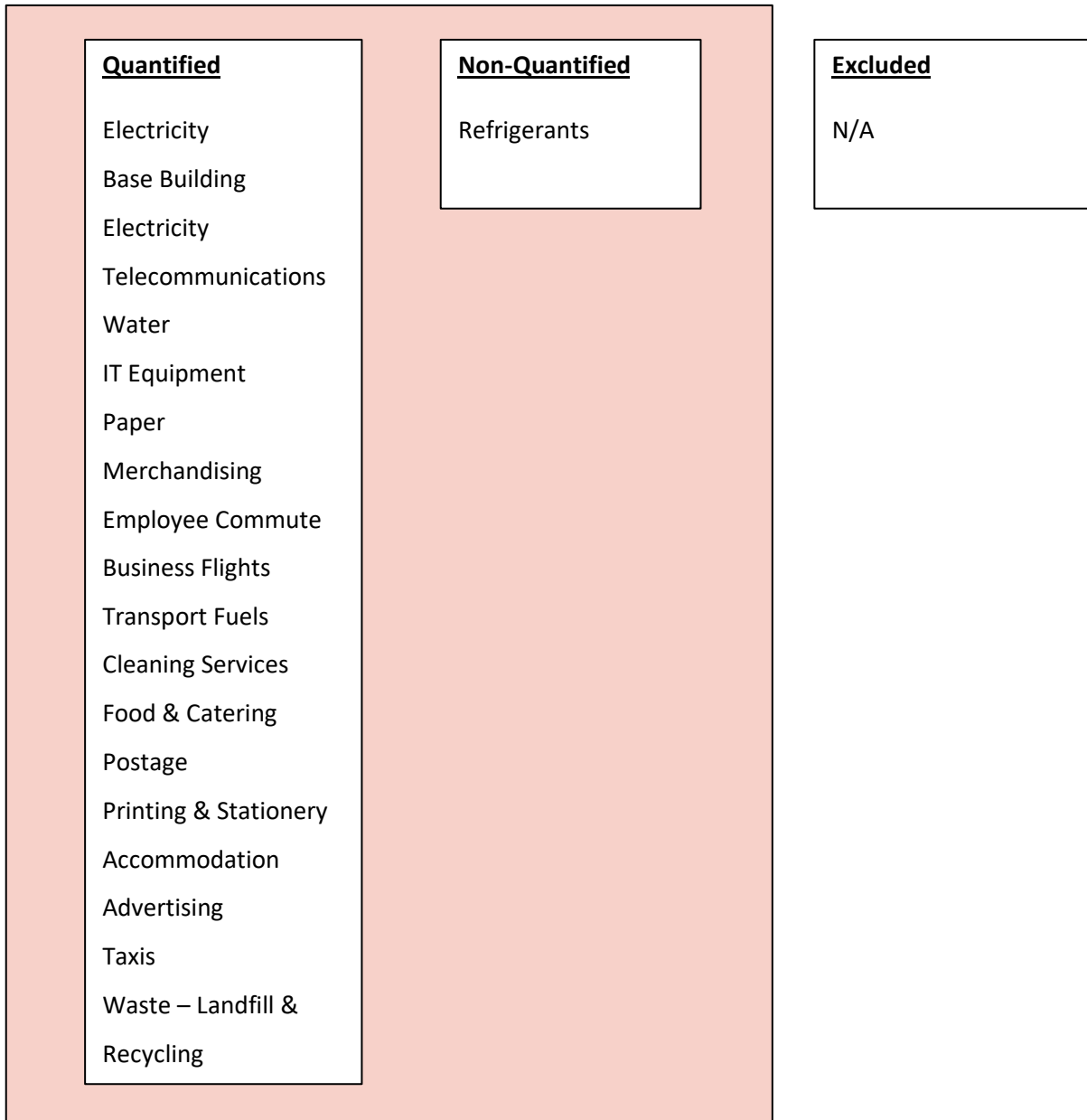
A full emission reduction strategy will be implemented based upon the base year GHG inventory.

This will include a full analysis of the data to identify key areas for reduction.

Currently initial assessments identify flights, office equipment and electricity as the primary emission sources which could offer the greatest reductions. These will be thoroughly assessed in an attempt to reduce those emissions and look for carbon neutral or more sustainable options for the emissions that cannot be reduced.

## 2. Emission Boundary

### Diagram of the certification boundary



### Non-quantified sources

Refrigerants are deemed to be immaterial as they account for less than 1% of the total emissions and have been non-quantified.

### Data management Plan

N/A

### Excluded sources (outside of certification boundary)

N/A

### 3. Emissions summary

Table 3. Emissions Summary	
Emission source category	tonnes CO <sub>2</sub> -e
Accommodation and facilities	2.089
Business Flights	14.449
Cleaning and Chemicals	0.367
Electricity	22.756
Food	4.319
ICT services and equipment	4.149
Transport Fuels	6.774
Employee Commute	2.669
Merchandising	7.716
Office equipment & supplies	29.104
Postage, courier and freight	7.390
Professional Services	1.305
Taxis and Ride Sharing	0.372
Waste	1.188
Water	0.266
<b>Total Net Emissions</b>	<b>105</b>

#### Uplift factors

Table 4. Uplift factors	
Reason for uplift factor	tonnes CO <sub>2</sub> -e
N/A	
<b>Total Footprint to offset (uplift factors + net emissions)</b>	<b>105</b>

#### Carbon Neutral products

N/A

Electricity Summary

Electricity was calculated using a Location-based 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 have been provided for full disclosure and to ensure year on year comparisons can be made.

**Table 5: Market-based approach Electricity summary**

Electricity Inventory items	kWh	Emissions (tonnes CO <sub>2</sub> e)
Electricity Renewables	12,496	0.00
Electricity Carbon Neutral Power	0	0.00
Electricity Remaining	15,171	16.40
Renewable electricity percentage	45%	
Net emissions (Market based approach)		16

**Table 6 Location-based summary**

State/Territory	Electricity Inventory items	kWh	Full Emission factor (Scope 2 +3)	Emissions (tonnes CO <sub>2</sub> e)
Vic	Electricity Renewables	7,350	-1.12	-8.23
Vic	Electricity Carbon Neutral Power	-	-1.12	0.00
Vic	Netted off (exported on-site generation)	-	-1.02	0.00
Vic	Electricity Total	27,668	1.12	30.99
	Total net electricity emissions (Location based)		0.00	22.76

#### 4. Carbon offsets

Offset purchasing strategy: in arrears

Table 7 **Offsets Summary**

<b>1. Total offsets required for this report</b>		105							
<b>2. Offsets retired in previous reports and used in this report</b>		0							
<b>3. Net offsets required for this report</b>		105							
<i>Project description</i>	<i>Eligible offset units type</i>	<i>Registry unit retired in</i>	<i>Date retired</i>	<i>Serial number (including hyperlink to registry transaction record)</i>	<i>Vintage</i>	<i>Quantity (tonnes CO2-e)</i>	<i>Quantity used for previous report</i>	<i>Quantity to be banked for future years</i>	<i>Quantity to be used this report</i>
Bundled Wind Power Project in Rajasthan by Orange Renewable Power Private Limited	VCUs	APX	05/08/2020	<a href="#">5806-260947361-260947465-VCU-034-APX-IN-1-1465-01042017-31122017-0</a>	2017	105	0	0	105
<b>Total offsets retired this report and used in this report</b>							105		
<b>Total offsets retired this report and banked for future reports</b>							0		

#### Co-benefits

##### **Bundled Wind Power Project in Rajasthan by Orange Renewable Power Private Limited:**

This bundled wind power project generates 59.4 MW in two areas of Rajasthan. Bhesada, close to the city of Jaisalmer, produces 39.9 MW. The second site near Dolat generates 19.5 MW. The result is 115 GWh of electricity. Situated in one of the most arid parts of India, the project supplies energy to the carbon intensive NEWNE grid, or the integrated Northern, Eastern, Western, and North-Eastern regional grids. Replacing energy from burning fossil fuels, the turbines result in 102,870 million tonnes of avoided greenhouse gas emissions. Orange Renewable Power Private Limited, the company implementing the project, strives to eradicate hunger, poverty and malnutrition through health and sanitation initiatives. They contribute to the UN Sustainable Development Goals (SDGs).

**Additional Biodiversity Offsets**

Greenfleet will also be offsetting additional carbon emissions via native tree planting by purchasing an additional 105 biodiversity offsets. The forests capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and restore habitat for wildlife, including many endangered species.

**5. Use of trade mark**

Table 8

Description where trademark used	Logo type
Greenfleet company website	Certified organisation

**6. Additional information**

N/A

**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.

	Relevance Test				
<b>Excluded Emission</b>	<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>
N/A					