



PUBLIC DISCLOSURE STATEMENT

AUSTRALIAN POSTAL CORPORATION

PRODUCT CERTIFICATION

FY2019-20

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: Australian Postal Corporation

REPORTING PERIOD: 1 July 2019 – 30 June 2020

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 17 February 2022

Name of Signatory – Susan Mizrahi

Position of Signatory – Chief Sustainability Officer, Australia Post



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021



1. CARBON NEUTRAL INFORMATION

Description of certification –

a) Shipster (1 July 19 to 30 September 2019)

In the prior year Australia Post had reported on the certification of the Shipster product which was an on-line marketplace used by a range of merchants and for which Australia Post provided a carbon neutral product. The product was discontinued from the 30th June 2019 and as a result no sales were recorded under the product during this reporting period.

b) Australia Post parcel - card product (1 Oct 19 to 30 June 20)

On 1 October 2019 Australia Post committed to making every parcel sent through our Post Offices and MyPost Business accounts carbon neutral, and to purchase and retire carbon offset credits to match. Each month Australia Post determines the volume of parcels sold for this product set and buys and retires carbon offsets at the end of each quarter. Contract customers are not included in the certification process.

Product Description

The certification for Australia Post is full coverage and has been broken into four different categories:

- a) Shipster – this was the original certification and based on the emissions for the eParcel product which is aggregated as part of the Domestic Parcels Product
- b) Domestic Parcel (Card product) – This is the product sold in our retail outlets and often associated with delivery including Australia Post packaging including a satchel or a box. These parcels typically follow a profile where the package is delivered using the Australia Post road network.
- c) Express Post (Card product) – This product is sold in our retail outlets or for our MyPost Business customers seeking a faster delivery outcome and for interstate delivery would typically involve the products being sent by air.
- d) Outbound Parcel (Card) – This product is purchased by consumers for overseas delivery and similar to the Express Post product is likely to involve delivery by air.

Functional Unit

The functional unit for the carbon neutral certification is g CO₂-e per item delivered.

Organisation description

Australia Post is a Government Business Enterprise with both commercial and community service obligations. We contribute to Australia's economic growth through dividend payments which are reinvested for the benefit of the Australian community.

Our 2020-2022 Group Corporate Responsibility Plan - *Everyone Matters: Our plan for inclusive and sustainable prosperity* - outlines seven areas of focus and 19 clear commitments to create new forms of economic, social, and environmental value for our business and the Australian community. This

“Australia Post is committed to use the Climate Active Standard to enable a comprehensive approach to ongoing management of the boundaries of our reporting for our parcel card products included within the certification process”

sustainability plan is informed by the UN Sustainable Development Goals (SDGs) – the world’s sustainability agenda to 2030.

By valuing our natural resources and delivering sustainable solutions for our customers we believe we can help our people, customers and community build a better environment.

In 2020 Australia Post achieved our two key environmental targets. We reduced our carbon emissions (Scope 1 and Scope 2) by 25% from our year 2000 baseline and by 100,000 t CO₂-e since 2010 – equivalent to taking 41,665 cars off the road. We also diverted over 100,000 tonnes of material from landfill – enough to fill 16 Olympic sized swimming pools.

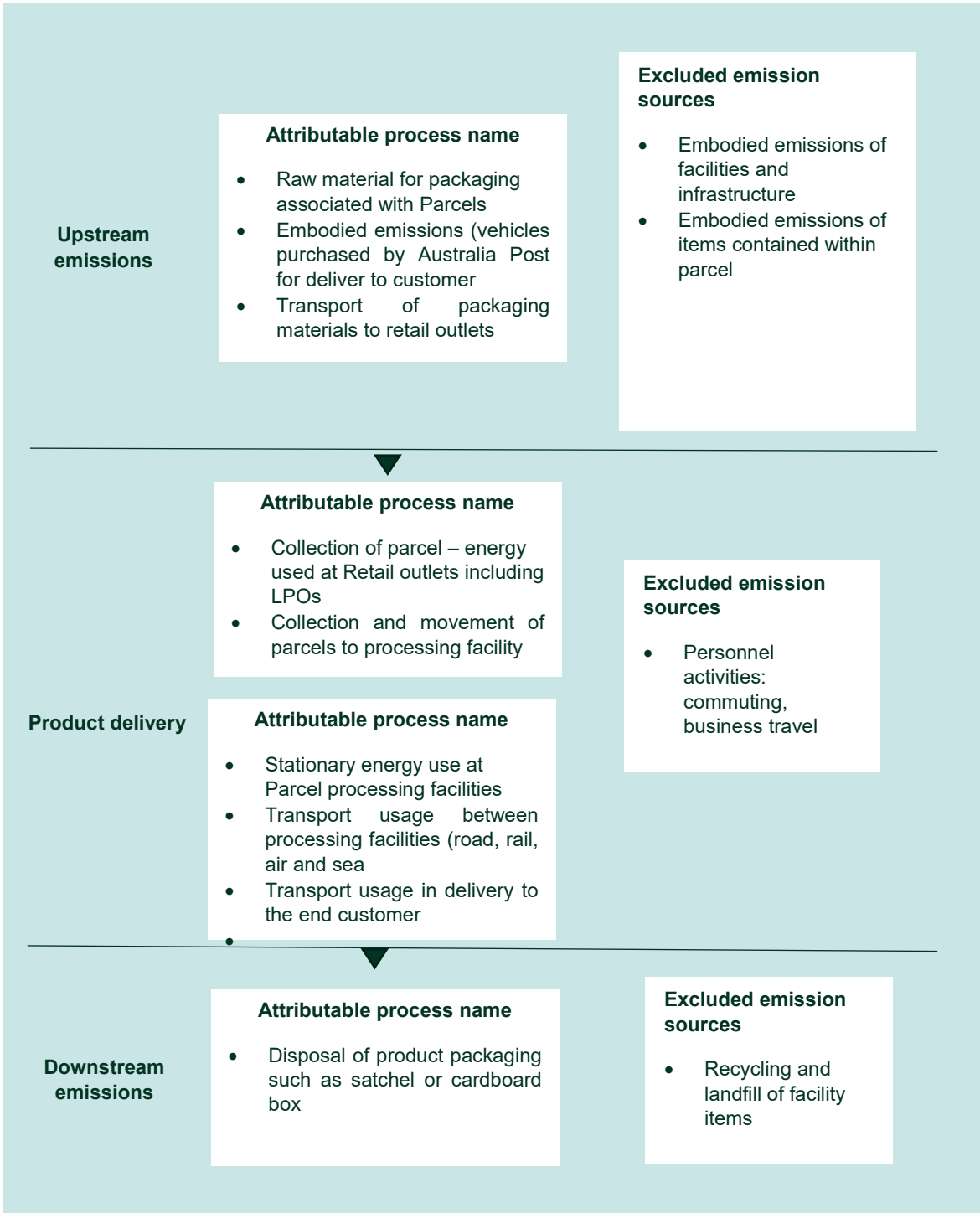
We also announced the introduction of a new validated science-based target for our carbon emissions representing a 15% reduction in scope 1, 2 and 3 emissions from a 2019 baseline by 2025.

The introduction of a range of Carbon Neutral products is an example of how we have committed to complement these targets by investing in projects to further reduce the impact of the Australia Post products and services noting these cannot be counted towards our emission reduction target.

Product process diagram covers Shipster and retail card products

The following diagram is cradle to grave.

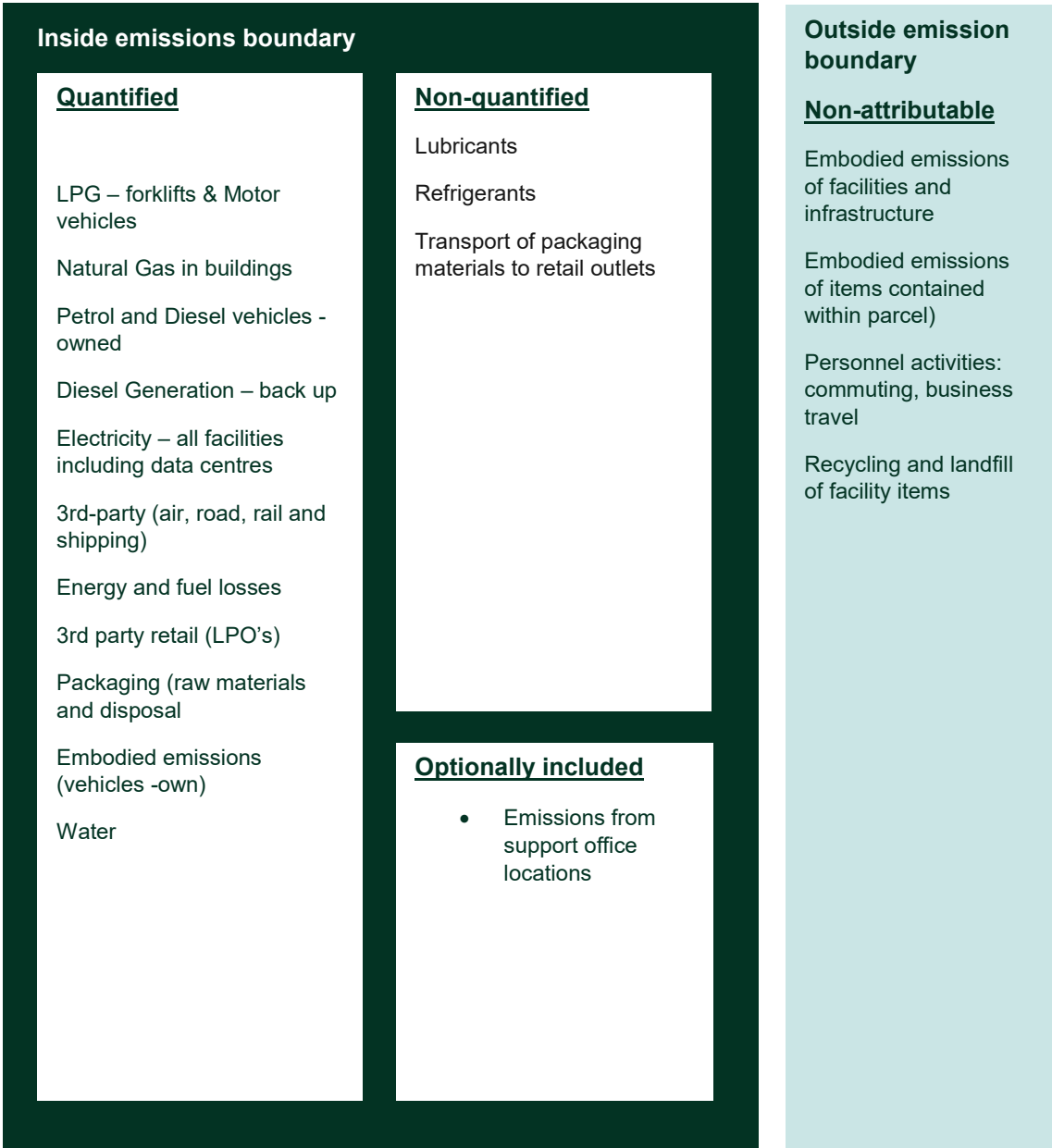
The system boundary of physical products considered in our original analysis comes from the Product Category Rules – Product Group UN CPC 6811 for Postal Services. This work was performed independently of Australia Post and commissioned by the International Postal Corporation.



2. EMISSION BOUNDARY

Diagram of the certification boundary (Shipster and retail card products)

Australia Post has detailed the key emission sources used in the inventory for our international and domestic parcel products.



Attributable non-quantified sources

- Refrigerants have been excluded on the basis of immateriality.
- Lubricants and greases have been excluded on the basis of immateriality.
- Transport of packaging materials to retail outlets excluded on basis of immateriality

Refer to Appendix 1 for further information.

Data management plan

- As part of certification process Australia Post has committed to quantifying the transport emissions for the Australia Post branded products sold as packaging in retail outlets for products in scope.

Excluded sources (within certification boundary)

- Not applicable.

Attributable sources (outside certification boundary)

- Not applicable

“Australia Post is committed to use the Climate Active Standard to enable a comprehensive approach to ongoing management of the boundaries of our reporting for our parcel products included within the certification process”

3. EMISSIONS SUMMARY

Emissions Reduction Strategy

Australia Post has a comprehensive approach to emissions reduction which saw in 2020, the completion of our original target which was a 20% reduction in scope 1 and scope 2 emissions from a 2000 baseline.

The peak of emissions was seen in 2010 when the target was set and Australia Post was able to deliver carbon savings of 100,000 tonnes equivalent to taking 41,665 vehicles off the road, over the ten-year target period.

The main achievements this year include:

- Completing our LED lighting project to replace all lighting with energy-efficient LED across 107 sites in Victoria and New South Wales.
- Increased number of electric delivery vehicles to 1,235 which carry three times more than the traditional motorcycle.
- Opened the Brisbane Parcel Facility the largest Parcel and Delivery Centre in Australia included a new 958 kw solar system
- Setting a new science-based target of a 15% reduction in scope 1, scope 2 and scope 3 emissions by 2025 off a 2019 baseline, endorsed by the Science Based Target Institute.

Emissions over time

Table 1

Emissions since base year			
	Base year: 2017-18	Year 1: 2018-19	Current year Year 2: Oct-1-2019- Jun-30-2020
Emissions per functional unit (grams CO ₂ e per item) - Parcel Post Card (Domestic)	1270	1005	677
Emissions per functional unit (grams CO ₂ e per item) – Express Post Card (Domestic)	Not applicable	2565	2140
Emissions per functional unit (grams CO ₂ e per item) International Parcels Card	Not applicable	7735	7076

The table above shows the performance improvement seen at a per parcel level for the three products included within the certification. At Australia Post these are recorded as a card product and the inclusion of a carbon offset component came into effect from 1 October 2019.

The primary change for Australia Post in this financial year has been the reduction in CO₂e per item

associated with efficiencies gained at our major parcel processing centres such as the new Brisbane Parcel facility that flowed through to the overall reduction of 32%.

Emissions reduction actions

Australia Post has experienced a significant amount of change during FY20 with many of our activities impacted by COVID-19. Despite the increase of 17.8 per cent year on year parcel growth, we were able to achieve organisational emissions savings of 41,244 tonnes, including:

1. Scope 2 electricity savings of 11% (16,875 tonnes), primarily the result of the rollout of LED lighting at 107 sites in New South Wales and Victoria
2. Reduction in scope 3 emissions of 5% (30,018 tonnes), primarily the result of efficiency gains by Qantas our freight partner as they improved productivity of the network to support the parcel volume change.

Functional units

Table 2

	Number of functional units
a) Number of functional units sold this period (combined)	47,478,869
b) Number of functional units to be forward offset demonstrating commitment to carbon neutrality (true-up to be conducted at the end of the reporting period)	0

Emissions summary Inventory)

The table below captures the allocated carbon emissions for the three nominated products with emissions

- Domestic Parcels (Australia Post) – card product – (1 Oct 19 to 30 June 20)
- Express Post Parcels (Australia Post)- card product (1 Oct 19 to 30 June 20)
- International Outbound Parcels (Australia Post) – card product (1 Oct 19 to 30 June 20)

As the Shipster product recorded no sales there were no emissions to be allocated to this product. (1 July 19 to 30 Sept 19)

Table 3

Emission source category			
Product Description	Domestic Parcel (Card)	Express Post (Card)	International Outbound (card)
1. Total inventory emissions (tonnes CO ₂ -e)	71,724.71		
a. Number of functional units represented by the inventory emissions	31,614,750	12,549,223	3,314,897
2. Emissions per functional unit (based on Total tCO ₂ -e divided by the number of functional units in 1a. (Grammes CO ₂ e per item)	GR	2,140.209	7,076.834
a) Property based emissions . (Grammes CO ₂ e per item)	170.50	144.85	191.73
b) Transport based emissions	469.34	1,961.35	6,844.50
c) Packaging related emissions	37.30	34.01	40.61
3. Carbon footprint (Emissions per functional	21,407.77	26,857.96	23,458.97
a) Property based emissions. (Tonnes)	5,390.36	1,817.74	635.55
b) Transport emissions (Tonnes)	14,838.03	24,613.43	22,688.80
d) Packaging (Tonnes)	1,179.38	426.79	134.62

Carbon neutral products

Not applicable

4. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears	
1. Total offsets previously forward purchased and banked for this report	0
2. Total emissions liability to offset for this report	71,725.
3. Net offset balance for this reporting period	71,725.
4. Total offsets already forward purchased to be used to offset the next reporting period	17,808
5. Total offsets required for this report	89,533

No offsets were required for the Shipster product as zero sales were recorded during this financial year.

Co-benefits

Australia Post invests in carbon offset projects that have positive social and environmental impacts both in Australia and abroad, working with our strategic partner Qantas. Four key focus areas include:

- Indigenous Fire Management – Arnhem Land
- Bush Regeneration – NSW / QLD
- Renewable Wind Energy – Asia
- Rainforest Rescue – Emerging economies

Indigenous Fire Management – Arnhem Land

In our Arnhem land project we support Aboriginal communities performing bushfire management. The

projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on and managing their country. Communities are supported the preservation of knowledge and the maintenance of Aboriginal languages.

Bush Regeneration

Located in NSW and QLD, these carbon farming projects work with landholders to regenerate and protect native vegetation. The projects help improve marginal land, reduce salinity and erosion, and provide income to farmers.

Widespread land clearing has significantly impacted local ecosystems. This degradation and loss of plant species threatens the food and habitat on which other native species rely. Clearing allows weeds and invasive animals to spread and affects greenhouse gas emissions. The project areas harbour a number of Indigenous plant species which provide important habitat and nutrients for native wildlife. By erecting fencing and actively managing invasive species, the project avoids emissions caused by clearing and achieves key environmental and biodiversity benefits.

Winds of Change

Across Asia, wind farms introduce clean energy to the grid which would otherwise be generated by coal-fired power stations. Wind power is clean in two ways:

1. It produces no emissions
2. It avoids the local air pollutants associated with fossil fuels.

Electricity availability in the regions has been improved, reducing the occurrence of blackouts across the area.

The projects support national energy security and strengthen rural electrification coverage. In constructing the turbines and solar array new roads are built, improving accessibility for locals. The boost in local employment by people engaged as engineers, maintenance technicians, 24 hour on-site operators and security guards also boosts local economies and village services.

Rainforest Rescue

Projects across South America, Oceania and Africa protect millions of hectares of native forests which secure wildlife habitat and support local communities. For example, projects across Peru protect large, intact expanse of rainforest that would otherwise be cleared, preventing the release of millions of tonnes of greenhouse gas emissions each year. Protecting the forests secures the carbon stored within the organic matter.

These projects diversify landholder income and put a value on retaining the forests by supporting sustainable agroforestry including cocoa and coffee production. In addition to reducing emissions, protecting rainforests secures vital habitat for millions of endemic and endangered rainforest species of animals and plants.

In summary

Australia Post



With the continued increase in volumes forecast for our parcel deliveries we envisage the carbon offset program will continue to grow and we will be able to provide further economic, social and environmental benefits to the projects we support.

Offsets summary

Australia Post has provided details of all offsets purchased and retired during the financial year 2020 including those which we have carried forward as we were able to deliver efficiency gains when we completed our carbon calculator revision for each of the products we are reporting on.

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	Eligible Quantity (TCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
KACCU-AUS-Bierbank & Lanherne HIR	ACCU	ANREU	15/2/2020	3,780,996,857 - 3,781,000,884	2018-19	4,028	0	0	4,028	4.5
KACCU-AUS-Kilcowera & Zenonie HIR	ACCU	ANREU	15/2/2020	3,790,816,642 - 3,790,823,516	2019-20	6,875	0	0	6,875	7.7
KACCU-AUS-Colodan GBR #6	ACCU	ANREU	15/2/2020	<u>3,788,946,205 - 3,788,951,182</u>	2019-20	4,978	0	0	4,978	5.6
VCS-PER-Ucayali Indigenous REDD	VCU	Verra	25/2/2020	7876-433984672-433985664-VCU-042-MER-PE-14-1360-01072013-30062014-1	2014	993	0	0	993	1.1
VCS-PHL-Negros Island	VCU	Verra	25/2/2020	5920-266955490-266956482-VCU-029-APX-PH-1-1735-02032016-31122016-0	2016	993	0	0	993	1.1
VCS-IND-MRF Wind Project Tamil Nadu	VCU	Verra	25/2/2020	3779-164835376-164836096-VCU-50-APX-IN-1-380-11012014-10102014-0	2014	993	0	0	993	1.1

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	Eligible Quantity (TCO2-e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
				4699-193856404-193856675-VCU-050-APX-IN-1-380-11102014-10122014-0						
VCS-VTN-Cai Be Rice Hus	VCU	Verra	25/2/2020	4034-172729424-172730416-VCU-008-APX-VN-1-589-01042012-31052014-0	2014	993	0	0	993	1.1
KACCU-AUS-WALFA	ACCU	ANREU	28/6/2020	3,745,254,779 - 3,745,262,778	2015-16	8,000	0	0	8,000	8.9
KACCU-AUS-Wongalee Mervyndale & Rundalua HIR	ACCU	ANREU	28/6/2020	3,789,910,957 - 3,789,920,058 3,789,906,198 - 3,789,909,220	2019-20	12,125	0	0	12,125	13.5
KACCU-AUS-Colodan GBR	ACCU	ANREU	28/6/2020	3,791,496,360 - 3,791,503,783	2019-20	7,424	0	0	7,424	8.3
VCS-PER-Ucayali Indigenous REDD	VCU	Verra	28/6/2020	8040-449367658-449369457-VCU-042-MER-PE-14-1360-01072013-30062014-1	2014	1,800	0	0	1,800	2
VCS-PHL-Negros Island	VCU	Verra	28/6/2020	5920-266956483-266958282-VCU-029-APX-PH-1-1735-02032016-31122016-0	2016	1,800	0	0	1,800	2
VCS-IND-Wind Bundle Gujarat Enercon	VCU	Verra	28/6/2020	5920-266956483-266958282-VCU-029-APX-PH-1-1735-02032016-31122016-0	2017	1,859	0	0	1,859	2.1

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	Eligible Quantity (TCO2-e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
VCS-VTN-Cai Be Rice Hus	VCU	Verra	28/6/2020	4034-172730417-172732216-VCU-008-APX-VN-1-589-01042012-31052014-0	2014	1,800	0	0	1,800	2
KACCU-AUS-Colodan GBR	ACCU	ANREU	29/6/2020	3,794,696,690 - 3,794,697,140	2019-20	451	0	0	451	0.5
KACCU-AUS-WALFA	ACCU	ANREU	8/9/2020	3,745,300,049 - 3,745,304,698	2015-16	4,650	0	0	4,650	5.2
KACCU-AUS-WALFA	ACCU	ANREU	8/9/2020	3,785,485,602 - 3,785,500,451	2018-19	14,850	0	2,887	11,963	16.6
KACCU-AUS-Paroo River S HIR	ACCU	ANREU	8/9/2020	3,779,573,130 - 3,779,577,389	2018-19	4,260	0	4,260	0	4.8
KACCU-AUS-Paroo River S HIR	ACCU	ANREU	8/9/2020	3,789,922,114 - 3,789,925,140	2019-20	3,027	0	3,027	0	3.4
KACCU-AUS-Paroo River S HIR	ACCU	ANREU	8/9/2020	3,790,618,409 - 3,790,619,121	2019-20	713	0	713	0	0.8
VCS-IND-Clean Energy in Gujarat	VCU	Verra	8/9/2020	7352-386352448-386354178-VCU-034-APX-IN-1-1081-01012014-31122014-0	2014	1,731	0	1,731	0	1.9
VCS-PHL-Negros Island	VCU	Verra	8/9/2020	5920-266958283-266960012-VCU-029-APX-PH-1-1735-02032016-31122016-0	2016	1,730	0	1,730	0	1.9
VCS-VTN-Cai Be Rice Hus	VCU	Verra	8/9/2020	4034-172734240-172735969-VCU-008-APX-VN-1-589-01042012-31052014-0	2014	1,730	0	1,730	0	1.9

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	Eligible Quantity (TCO2-e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
VCS-PER-Cordillera Azul REDD	VCU	Verra	8/9/2020	5570-246320795-246322524-VCU-024-MER-PE-14-985-08082013-07082014-1	2014	1,730	0	1,730	0	1.9
Total offsets retired this report and used in this report									71,725	
Total offsets retired this report and banked for future reports									17,808	
Additional offsets cancelled for purposes other than Climate Active Carbon Neutral certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (TCO2-e)	Purpose of cancellation			

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Australian Carbon Credit Units (ACCUs)	71,381	80%
Verified Carbon Units (VCUs)	18,152	20%

5. USE OF TRADE MARK

Table 7

Description where trademark used	Logo type

6. ADDITIONAL INFORMATION



APPENDIX 1

Non-attributable emissions for products

Australia Post has provided an explanation of the relevance test for those items which are excluded from the original life cycle assessment performed by the International Postal Organisation.

Table 8

Relevance test						
Non-attributable emission	<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>	<i>Justification</i>
Embodied emissions of facilities and infrastructure	No	No	No	No	No	<i>As our product being offset is a parcel and we usually lease sites already on ground, we do not see this emissions source as required.</i>
Embodied emissions of adhesives and ink in postal materials	No	No	No	No	No	<i>From a product perspective letters are excluded from our carbon neutral offering and therefore is not included.</i>
Personnel activities: commuting,	No	No	No	No	No	<i>Australia Post sees this as more closely related to</i>

business travel						<i>organizational emissions rather than being directly attributed to the impact of the parcel itself.</i>
Recycling and landfill	<i>No</i>	<i>No</i>	<i>Yes</i>	<i>No</i>	<i>No</i>	<i>Australia Post sees this is more closely related to organizational emissions rather than being directly attributed to the impact of the parcel itself. For our packaging emissions, we have accounted for the emissions from the manufacture and disposal of the packaging used for all parcels regardless of whether they were provided by Australia Post.</i>



APPENDIX 2

Non-quantified emissions for products

Please advise which of the reasons applies to each of your non-quantified emissions

Table 9

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>
Lubricants and greases	Yes	No	No	No
Refrigerants	Yes	No	No	No
Transportation from manufacturer to retail outlets (parcel products)	Yes	No	No	No



An Australian Government Initiative

