



PUBLIC DISCLOSURE STATEMENT

PACKWISE PTY LTD

**ORGANISATION CERTIFICATION
FY2020–21**

PACKWISE



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

Version September 2021. To be used for FY20/21 reporting onwards.

1.CERTIFICATION SUMMARY

| | |
|------------------------|---|
| TOTAL EMISSIONS OFFSET | 13 tCO ₂ -e |
| OFFSETS BOUGHT | 100% VCU's |
| RENEWABLE ELECTRICITY | Not applicable |
| TECHNICAL ASSESSMENT | Date: Not applicable Name: Not applicable Organisation: Not applicable Next technical assessment due: Not applicable |

Contents

| | |
|--|----|
| 1. Certification summary | 3 |
| 2. Carbon neutral information..... | 4 |
| 3. Emissions boundary | 5 |
| 4. Emissions reductions..... | 7 |
| 5. Emissions summary..... | 7 |
| 6. Carbon offsets | 9 |
| 7. Renewable Energy Certificate (REC) Summary..... | 12 |
| Appendix A: Additional Information | 13 |
| Appendix B: Electricity summary | 14 |
| Appendix C: Inside emissions boundary | 15 |
| Appendix D: Outside emissions boundary..... | 16 |

2. CARBON NEUTRAL INFORMATION

Description of certification

This certification is for the Australian business operations of the trustee for Packwise Pty Ltd, ABN 75 795 531 953. Owner Packwise (ACN 137 725 092) operates in Australia and this certification also includes some emissions from a director currently residing in China.

“Our vision is for a sustainable and prosperous world, working towards a circular economy”

Organisation description

Packwise is a family owned and run business. We specialise in compostable take away food packaging. Packwise Pty Ltd runs the trustee for Packwise Pty Ltd, ABN 75 795 531 953. This entity is for our GEOWISE Brand which focuses on compostable and sustainable packaging.



Packwise imports products which are warehoused and distributed by a third party. Packwise staff in Adelaide work from home offices or on the road. Due to international travel restrictions, one of our directors currently resides in China, where the product manufacturing facilities are located. In China we work closely at the facilities and with not-for-profit organisations to be more sustainable by creating a zero-waste circular economy.

The operational boundary of the carbon inventory includes Scope 1, 2 and 3 emissions and has been prepared in accordance with Climate Active's standard small organisation boundary and scope.

3.EMISSIONS BOUNDARY

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary. Emission sources can be excluded if they do not occur.

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 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

Quantified

Diesel used in company vehicle

Cleaning

Business travel by air, private vehicle and international rail

Hotel accommodation

Food and catering

ICT services

Telecommunications

Office equipment

Computer equipment

Waste

Paper

Staff commuting

Postage, courier and freight

Working from home

Non-quantified

Outside emission boundary

Excluded

Warehousing and distribution

Office Electricity

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Our Australian operations are already low in emissions due to the way we operate, for example we work from home and via video conferencing where we can and our warehousing and distribution is outsourced.

At Packwise, our strategy in the next five years is to reduce the overall footprint of what we do (relative to our turnover) by setting up a green manufacturing/warehouse facility in Australia. Whilst this will increase some elements of our carbon footprint, it will save on the transportation of goods from overseas, and our own overseas travel. We will then look at reducing or changing the remaining activities where possible in terms of renewable energy, travel policies and office management.

Due to Covid-19, it is currently difficult to set an overall emissions reduction target however the following targets have been set:

- Manufacturing and warehouse facilities will be set-up in Australia by 2023. This will result in emission reductions of international accommodation and air travel by at least 50%.
- We aim to reduce overall business travel emissions by 30% by 2026.

Emissions reduction actions

Packwise has completed the following actions in the last year to reduce our operational carbon emissions:

- Reduced air travel and less other business travel as we have more online and telephone meetings. Covid has also contributed.
- Whenever possible, business travel in China is conducted via rail which amounted to only 50kg CO₂e for 10,000km travelled during FY2020-21.
- We have sold our company vehicle and our distribution has been through our third-party warehouse service provider.
- The amount of copy paper we use was reduced to just two reams as we have not been printing orders.

Further information is provided in the next section.

5. EMISSIONS SUMMARY

Emissions over time

| Emissions since base year | | Total tCO ₂ -e |
|---------------------------|---------|---------------------------|
| Base year: | 2019–20 | 36.21 |
| Year 2: | 2020–21 | 12.76 |

Significant changes in emissions

| Emission source name | Current year (tCO ₂ -e and/ or activity) | Previous year (tCO ₂ -e and/ or activity) | Detailed reason for change |
|----------------------|---|--|----------------------------|
|----------------------|---|--|----------------------------|

| | data) | data) | |
|---|-------|-------|---|
| Long and medium haul economy flights | 0 | 14.45 | Changes to travel and international border restrictions |
| International Accommodation: North Asia | 2.98 | 3.43 | Changed travel arrangements due to managing director residing in China (unable to return to Australia due to covid) |
| Short business class flights (>400km, ≤3,700km) | 1.46 | 0.77 | Changed travel due to managing director residing in China |
| Telecommunications | 0.72 | 0.89 | Switched to different contracts |
| Diesel oil post-2004 | 2.00 | 8.48 | Reduction of company vehicle fleet |
| Petrol / Gasoline post-2004 | 4.15 | 2.67 | Increased use of private vehicle for business travel |

Use of Climate Active carbon neutral products and services

None used in this reporting period.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location 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 | 3.17 | 3.17 |
| Air transport (km) | 0 | 0 | 1.46 | 1.46 |
| Cleaning and chemicals | 0 | 0 | 0 | 0 |
| Electricity | 0 | 0 | 0 | 0 |
| Food | 0 | 0 | 0 | 0 |
| ICT services and equipment | 0 | 0 | 0.88 | 0.88 |
| Fuel used in company vehicles (scope 1) and private vehicles for business travel (scope 3) | 2.00 | 0 | 4.15 | 6.15 |
| Land and sea transport (km) | 0 | 0 | 0.05 | 0.05 |
| Office equipment & supplies | 0 | 0 | 0.07 | 0.07 |
| Postage, courier and freight | 0 | 0 | 0.13 | 0.13 |
| Waste | 0 | 0 | 0.12 | 0.12 |

| | | | | |
|-------------------|-------------|----------|--------------|--------------|
| Working from home | 0 | 0 | 0.12 | 0.12 |
| Total | 2.00 | 0 | 10.15 | 12.15 |

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 |
|---|---------------------|
| Compulsory additional 5% of the total to be added for small organisations | 0.61 |
| <i>Total footprint to offset (uplift factors + net emissions)</i> | 12.76 |

6. CARBON OFFSETS

Offsets strategy

| Offset purchasing strategy: In arrears | |
|--|------------------------|
| 1. Total offsets previously forward purchased and banked for this report | 0 tCO ₂ -e |
| 2. Total emissions liability to offset for this report | 13 tCO ₂ -e |
| 3. Net offset balance for this reporting period | 13 tCO ₂ -e |
| 4. Total offsets to be forward purchased to offset the next reporting period | 0 tCO ₂ -e |
| 5. Total offsets required for this report | 13 tCO ₂ -e |

Co-benefits

150 MW grid connected Wind Power based electricity generation project in Gujarat, India

The main purpose of the project is to generate renewable electricity using wind power and feed the generated output to the local grid in Gujarat, contributing to climate change mitigation. In addition to the generation of renewable energy-based electricity (which would otherwise come from fossil fuel), the project has also been conceived to enhance the propagation of commercialisation of wind power generation in the region and to contribute to the sustainable development of the region, socially, environmentally and economically. The project activity leads to alleviation of poverty by establishing direct and indirect employment benefits accruing out of infrastructure development of wind farms, installation work, operation and management of wind farm, providing daily needs, etc. The infrastructure in and around the project area will also improve due to project activity. This includes development of the road network and

improvement of electricity quality, frequency and availability as the electricity is fed into a deficit grid. The generated electricity is fed into the western regional grid through the local grid, thereby improving the grid frequency and availability of electricity to the local consumers (villagers & sub-urban habitants) which will provide new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall economic development.

Offsets summary

Proof of cancellation of offset units

| 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 (%) |
| 150 MW grid connected Wind Power based electricity generation project in Gujarat, India | VCUs | VERRA | 12 Oct 2021 | 9085-66629462-66629474-VCS-VCU-1491-VER-IN-1-292-01012017-31122017-0 | 2017 | 13 | 0 | 0 | 13 | 100% |
| Total offsets retired this report and used in this report | | | | | | | | | 13 | |
| 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) | | 13 | | | | | 100% | | | |

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not applicable

APPENDIX A: ADDITIONAL INFORMATION

Whilst this certification relates to our operations, our products are what we exist for and we are keen to present an overall picture via this Public Disclosure Statement.

For our paper cups, we use agricultural waste (sugarcane paper) for paper board to reduce logging and waste. This year, we have converted over 50% of clients that use our higher environmental footprint products, to more sustainable alternatives and have a target date of January 2022 to only supply sustainable options.

As well as looking to bring our manufacturing to Australia when we can, we are in the process of developing a composting service for our customers' compostable packaging and food scraps to divert them from landfill.

APPENDIX B: ELECTRICITY SUMMARY

Where applicable, electricity emissions are calculated using a location approach.

- Packwise does not have an office therefore office-based electricity consumption is not part of this certification boundary and has been excluded (see Appendix D). Electricity consumed due to working from home is calculated and included in the Organisation emissions summary separately.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

All relevant emissions were quantified for this certification period.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

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

Emissions from warehousing and distribution are outsourced and are not part of this organisation's boundary. The organisation does not have control over emissions arising from these sources. This year, Packwise did not maintain an office.

Although natural gas and refrigerants are deemed relevant emission sources to the small organisation boundary, they have been excluded as they are currently not associated with business operations.

| Emission sources tested for relevance | (1) Size | (2) Influence | (3) Risk | (4) Stakeholders | (5) Outsourcing | Included in boundary? |
|---------------------------------------|-------------|------------------|-------------|---------------------|--------------------|-----------------------|
| Warehouse and distribution | Yes | No | No | No | No | No |
| Office electricity (warehouse) | No | No | No | No | No | No |
| Natural gas | No | No | No | No | No | No |
| Refrigerants | No | No | No | No | No | No |



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