



PUBLIC DISCLOSURE STATEMENT

WOVEN IMAGE PTY LTD

**ECHOPANEL® PLAIN & PRECISION CUT
PRODUCT CERTIFICATION**


ARREARS: CY2024

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Woven Image Pty Ltd
REPORTING PERIOD	Arrears: Calendar year 1 January 2024 – 31 December 2024
DECLARATION	<p><i>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.</i></p> 
	<p>Jarvis Bryant Director 08/04/2026</p>



Australian Government
**Department of Climate Change, Energy,
 the Environment and Water**

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Version: January 2024

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	Arrears: 3113 tCO ₂ -e
CARBON OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Edge Environment Pty Ltd
TECHNICAL ASSESSMENT	Date: 07 March 2023 Name: Jonas Bengtsson Organisation: Edge Environment Next technical assessment due: 2026

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2. CERTIFICATION INFORMATION

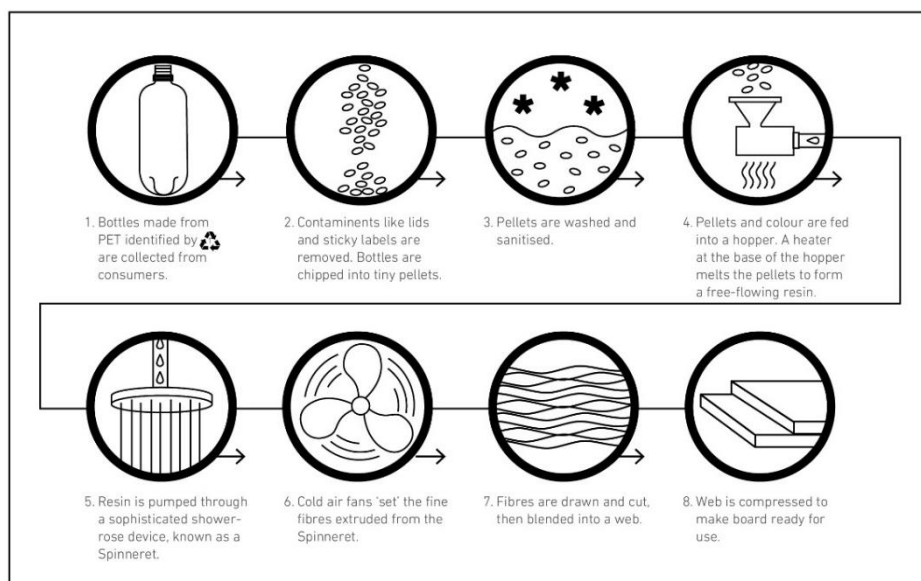
Description of product certification

This product certification is for the Woven Image's EchoPanel® acoustic panel portfolio, which includes:

- All 9MM EchoPanel® Plain colourways [9mm EchoPanel \(60% PC rec\) | EPD Australasia](#)
- All 12MM EchoPanel® Plain colourways (60% post-consumer recycled PET) [12mm EchoPanel \(60% PC rec\) | EPD Australasia](#)
- All 12MM EchoPanel® Plain colourways (80% post-consumer recycled PET) [12mm EchoPanel \(80% PC rec\) | EPD Australasia](#)
- All 24MM EchoPanel® Plain colourways (60% post-consumer recycled PET) [24mm EchoPanel \(60% PC rec\) | EPD Australasia](#)
- All 24MM EchoPanel® Plain colourways (80% post-consumer recycled PET) [24mm EchoPanel \(80% PC rec\) | EPD Australasia](#)
- All 12MM EchoPanel® Precision Cut designs and colourways [12mm EchoPanel Precision Cut | EPD Australasia](#)
- All 24MM EchoPanel® Precision Cut designs and colourways [24mm EchoPanel Precision Cut | EPD Australasia](#)

The product portfolio consists of commercial textiles and acoustic finishes such as EchoPanel® - The original PET acoustic panels are made using **60% or 80%** post-consumer recycled PET fibres; invented, and launched by Woven Image in 2004. Figure 1 below outlines the manufacturing process of EchoPanel®.

Figure 1: Manufacturing Process of EchoPanel®



- Functional unit: 1m² of acoustic panel
- Offered as: The Climate Active certificate is for full coverage of the EchoPanel® and EchoPanel® Precision Cut products.
- Life cycle: cradle-to-gate + international distribution

Downstream emissions from installation/construction and use were not considered for this certification but shall not be considered zero. Emissions from these downstream stages were not quantified because EchoPanel® is an acoustic interior finishing product and applications within the built environment are highly variable (e.g. can range from suspended ceiling system baffles and membranes to acoustic wall treatments, space dividers and systems furniture screens), making it difficult to collect and quantify data for activities at these stages.

The responsible entity for this product certification is Woven Image Pty Ltd, ABN 74 003 268 415

This Public Disclosure Statement includes information for the CY2024 reporting period.

Description of business

Since 1987, Woven Image has been supplying the built environment with sustainable, design-led acoustic finishes and textiles. From modest beginnings in Sydney, Woven Image now have offices throughout Australia as well as Singapore, Hong Kong, China and Belgium, and an established network of global distributors and resellers.

Founded on the philosophy that good design is sustainable design, Woven Image's design studio continually pushes the aesthetic, technological and functional properties of commercial interior finishes, and strives to lead colour and design trends in our sector. Likewise, we delight in working in partnership with global design and manufacturing clients to deliver unique customised low impact projects.

As part of Woven Image's commitment to sustainability in late 2021 we committed to offsetting 100% of the upfront embodied carbon of the EchoPanel® acoustic panel portfolio. This is in addition to the contribution already made from offsetting our operational carbon emissions since 2017.

Since 2017 we have offset 5,402 tCO₂e through donations and our contribution has resulted in the equivalent of over 10,898 native trees and shrubs being planted in biodiverse forests, that also provide vital habitats for endangered wildlife.

Through the EPD pathway for carbon neutral certification, Woven Image is addressing the global warming impact of our EchoPanel® acoustic panel portfolio as quantified in the EchoPanel® and EchoPanel® Precision Cut EPDs.

3. EMISSIONS BOUNDARY

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 'attributable processes' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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.

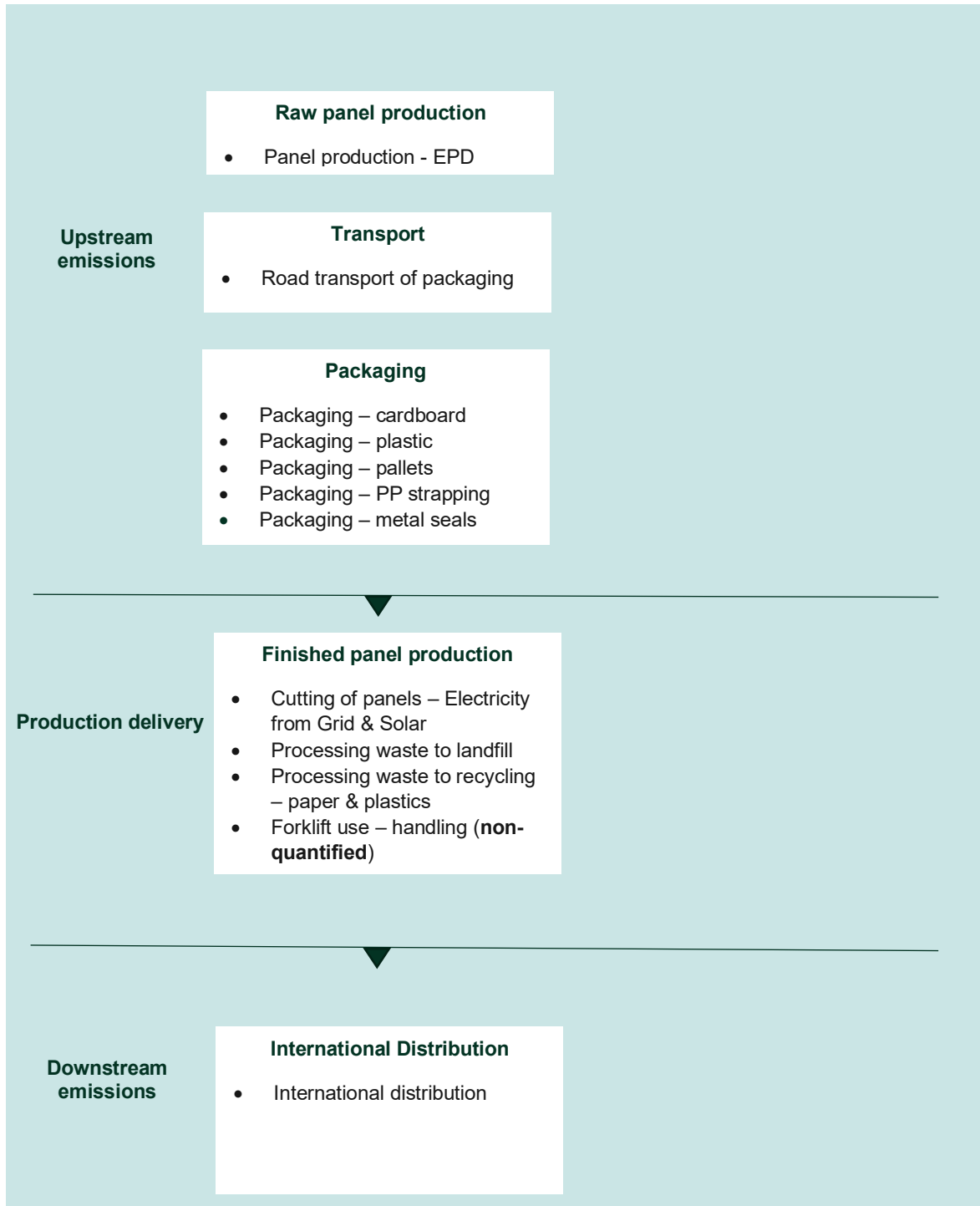
Outside the emissions boundary

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Emissions boundary

Inside emissions boundary		Outside emission boundary
<u>Quantified</u> Panel production - EPD Cutting of panels - EPD Road transport of packaging Packaging – cardboard Packaging – plastic Packaging – pallets Packaging – PP strapping Packaging – metal seals Electricity Processing waste to landfill Processing waste to recycling International distribution	<u>Non-quantified</u> Forklift use - handling.	<u>Non-attributable</u> Organisational overhead
	<u>Optionally included</u> N/A	

Product process diagram



4. EMISSIONS REDUCTIONS

Emissions reduction strategy

Since our inception and well before it became a global necessity, sustainable design and manufacturing has been part of our DNA. It's who we are, not simply what we do. Now part of CSR, we continue to work towards building solutions for a better future. Going beyond waste reduction, recycling and recycled content, Woven Image understands the importance of valuing and respecting our planet and its resources, and we are on a journey to reduce the environmental and social impacts of our operations and product. We are unequivocally committed to playing our role in meeting the 1.5°C Climate Ambition and a net-zero carbon economy by 2050 through three pillars of action – product stewardship, climate leadership and social responsibility. Aligning with our parent company's commitments, by 2030 we will reduce our EchoPanel® acoustic panel portfolio emissions by 33% compared to the 2023 base year. [CSR](#) has an ESG strategy that is aligned to parent company [Saint-Gobain](#). CSR's operations span Australia, New Zealand, parts of Asia and Europe, with the scale and expertise to innovate for the sustainable solutions our customers and communities need to build for a better future. As a trusted supplier of building solutions, CSR are taking on industry challenges to cut carbon emissions and waste and better manage resources. To set ambition and ignite progress, CSR are committed to 2030 targets across:

1. Reducing emissions, waste and water use
2. Increasing uptake of renewable energy
3. Improving circular economy outcomes

Towards net zero in the built environment

CSR take a strategic approach to investing in solutions that reduce emissions - from increasing the uptake of renewable energy to exploring emerging technologies across its operations. This includes optimising manufacturing plants, energy and process efficiencies and building collaborative partnerships across operations.

CSR targets for 2030ⁱ

50% of energy from renewables

33% absolute reduction in scope 1 & 2 emissions (tCO₂e)

Reducing waste and preserving resources to protect the environment

As a major supplier of building solutions, CSR has an important role in becoming a closed loop business to influence a circular economy in the built environment.

CSR is making it a priority to reduce use of raw materials, increase regenerative and recycled material and actively seek solutions to reduce waste in the manufacturing, packaging and supply of products.

CSR closing the loop goals for 2030ⁱⁱ

80% absolute reduction in solid waste to landfill

50% absolute reduction of water withdrawal (kL)

30% virgin raw material (gypsum and sand) avoided

CSR continually work to eliminate waste across the business and source the 'right' materials to manufacture building products from natural, reused, repurposed and recycled materials. CSR's approach includes working with its team and suppliers to look beyond energy, water and waste to explore holistic environmental management solutions and influence the wider industry to follow circular principles.

The electrification, or moving our operations where practical, away from a reliance on natural gas or other fossil fuels is an important part of our net zero pathway.

Emissions reduction actions

Initiatives Completed in CY2024:

- Advancements in bicomponent fibre production have allowed Woven Image to transition to 80% post-consumer recycled content in the 12mm EchoPanel plain and precision cut portfolio. The resultant cradle to gate CO₂-e reduction per m² is >21%.
- 87% of energy consumption at Woven Image warehousing and distribution centre was from accredited Green Power.
- >39% of energy consumption at Woven Image's precision cut manufacturing site is from on-site solar generated electricity.
- At the EchoPanel® manufacturing site in Villawood, significant capital upgrades have commenced. These include plant and equipment improvements, as well as future proofing efforts for solar energy and battery storage. Among the planned upgrades, a new needle board oven is expected to reduce natural gas use by 30% per kilogram of saleable product, with the added benefit of being easily converted to electric power in the future. Further efficiency gains will come from the installation of new air compressors, high-efficiency VDS motors, and energy-efficient LED lighting, all of which will help to minimise emissions from energy use.
- Since the completion of the third solar array installation in June 2023, Woven Image's regional production hub produced 371 MWh of solar energy in 2024.
- >75% increase in cardboard waste to recycling in 2024.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO ₂ -e	Emissions intensity of the functional unit
Base year/Year 1:	2023	3578	0.009
Year 2:	2024	3113	0.007

Significant changes in emissions

Significant changes in emissions			
Attributable process	Previous year emissions (t CO ₂ -e)	Current year emissions (t CO ₂ -e)	Reason for change
EchoPanel® Plain 12mm	2410	1837	The new factors from recent published EPDs dropped from 8.5 CO ₂ e/m ² to 6.9 CO ₂ e/m ² for EchoPanel® Plain 12mm (60% RC) and 5.4 CO ₂ e/m ² for EchoPanel® Plain 12mm (80% RC).
EchoPanel® Plain 24mm	689	839	Although new factors from recent published EPDs dropped from 10.6 CO ₂ e/m ² to 8.2 CO ₂ e/m ² for EchoPanel® Plain 24mm (60% RC) and 6.4 CO ₂ e/m ² for EchoPanel® Plain 24mm (80% RC), the activity data increased in 64%.
EchoPanel® Plain 12mm Precision Cut	336	248	The activity data decreased in 9% and the factor from new EPD decreased from 8.5 CO ₂ e/m ² to 6.9 CO ₂ e/m ² .

Use of Climate Active carbon neutral products, services, buildings or precincts

N/A

Emissions Summary for CY2024 (arrears)

Emission source	tCO ₂ -e
EchoPanel® Plain 7mm (from EPD)	25.74
EchoPanel® Plain 9mm (from EPD)	82.26
EchoPanel® Plain 12mm (60% RC) (from EPD)	1097.68
EchoPanel® Plain 12mm (80% RC) (from EPD)	739.81
EchoPanel® Plain 24mm (60% RC) (from EPD)	709.93
EchoPanel® Plain 24mm (80% RC) (from EPD)	128.79
EchoPanel® 12mm Precision Cut (from EPD)	247.98
EchoPanel® 24mm for Precision Cut (from EPD)	42.21
International distribution	38.16
Attributable emissions (tCO₂-e)	3112.56

Product offset liability	
Emissions intensity per functional unit (1m ² of acoustic panel)	0.007 tCO ₂ -e/m ²
Emissions intensity per functional unit including uplift factors	N/A
Number of functional units covered by the certification	468956.28
Total emissions (tCO₂-e) to be offset	3113

Figures may not sum due to rounding

6. CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset units	Eligible quantity (used for this reporting period)	Percentage of total
Verified Carbon Units (VCUs)	3113	100%

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible quantity retired (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
SCG Biomass	VCU	VERRA	03.04.2023	10412-212129406-212131405-VCS-VCU-842-VER-TH-4-403-01012014-31122014-0	2014	2000	1,829	0	171	5.5%
Gaizhou Landfill Gas Power Generation	VCU	VERRA	12.05.2025	18073-871073932-871077044-VCS-VCU-997-VER-CN-13-2468-08012022-31122022-1	2022	3113	0	171	2942	94.5%
Thai Hoa Wind Power Project	VER	Gold Standard	12.05.2025	GS1-1-VN-GS11251-12-2023-26254-74919-78031	2023	3113	0	3113	0	
Total offsets retired this report and used in this report									3113	
Total offsets retired this report and banked for future reports								3284		

CY 2025 offset requirements have been projected based on CY 2024 sales. A forward purchase strategy has been applied for offset unit procurement and the banked units from this report will be used for CY 2025 arrears reporting.

Stapled units summary

The below units have been 'stapled' to eligible Climate Active carbon offset units. Stapled units may represent a beneficial outcome, such as biodiversity protection or improved water quality. These purchases are additional to Climate Active program requirements.

Stapled units and their corresponding scheme or project have not been assessed by Climate Active against the offset integrity principles in the Climate Active Carbon Neutral Standards and are not included in the list of eligible Climate Active carbon offset units (Appendix A of the Standards). Businesses have undertaken their own due diligence when purchasing these stapled units.

Project name	Unit type e.g. biodiversity	Project location	Eligible offset project stapled to	Stapled quantity	Link to project or evidence
Mount Sandy Conservation	ABU	Australia	Thai Hoa Wind Power	3113	Serial No. 8421 – 11533 See Appendix A

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	N/A
1. Other RECs	N/A

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Project location	Eligible unit type	Registry	Surrender date	Accreditation code	Certificate serial number	Generation year	Fuel source	Quantity (MWh)
N/A									
Total LGCs surrendered this report and used in this report									N/A

Retirement Certificate - Thai Hoa Wind Power Project Credits



We are delighted to confirm the retirement of
3113 Verified Emission Reductions (VERs)

*by**

Swiss Carbon Value Ltd.

on 12/05/2025

These credits were retired on behalf of Woven Image Pty Ltd.

Retired on behalf of Woven Image for the purposes of EchoPanel Climate Active carbon neutral product certification for calendar year 2024 and 2025

Project: Thai Hoa Wind Power Project

*These credits have been retired, saving **3113** tonnes of CO2 emissions
from being released into the atmosphere.*

Thank you for investing in a safer climate and more sustainable world.

[View retirement](#)

Gold Standard

Retirement certificates are hosted on the Gold Standard Impact Registry, [view your certificate](#).

Gold Standard | Chemin de Balexert 7-9 1219 Châtelaine, International Environment House 2, Switzerland | goldstandard.org, +41 22 788 70 80, help@goldstandard.org



Woven Image

Partner Since 2017

2024 Impact



250 Tonnes of Carbon Offset



\$4,500 Contributed

Lifetime Impact



5,402 Tonnes of Carbon Offset



\$86,144 Contributed



APPENDIX B: ELECTRICITY SUMMARY

For this certification, electricity emissions have been accounted within the corresponding EPDs.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant non-quantified emission sources	Justification reason
Forklift emissions	Immaterial

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

Emissions Source	No actual data	No projected data	Immaterial
N/A			

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

1. **Size** The emissions from a particular source are likely to be large relative to other attributable emissions.
2. **Influence** The responsible entity could influence emissions reduction from a particular source.
3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.
4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.
5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

Non-attributable emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
Organisational overhead	Y	N	N	N	N	<p>Size: Considered applicable as organisational operations contribute a considerable amount to overall emissions.</p> <p>Influence: Considered not applicable as there is no direct influence to the product/</p> <p>Risk: There are no relevant laws or regulations that apply to limit emissions specifically from this source, the source does not create supply chain risks, and it is unlikely to be of significant public interest.</p> <p>Stakeholders: Key stakeholders, including the public, are unlikely to consider this a relevant source of emissions for our product/service.</p> <p>Outsourcing: Does not apply here.</p>



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