PUBLIC DISCLOSURE STATEMENT

HYDROFLUX PTY LIMITED

ORGANISATION CERTIFICATION
FY2024-25

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Hydroflux Pty Limited
REPORTING PERIOD	Financial year 1 July 2024 – 30 June 2025 Arrears report
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.* 
	John Koumoukelis Chair/CEO 14 May 2026

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

Version 10.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	815 tCO2-e
CARBON OFFSETS USED	63.19% VERs, 36.81% VCUs
RENEWABLE ELECTRICITY	100%
CARBON ACCOUNT	Prepared by: Cress Consulting Pty Ltd
TECHNICAL ASSESSMENT	Next technical assessment due: FY 2025-26

Contents

2. CERTIFICATION INFORMATION

Description of organisation certification

This organisation certification is for the business operations of Hydroflux Pty Limited, ABN 19 163 533 186, including the organisational emissions from Hydroflux subsidiaries listed in the table below.

The scope of this certification covers operations of Hydroflux Pty Limited throughout Australia, including offices in New South Wales, Queensland and Victoria, as well as its international operations in New Zealand and the Pacific Islands. All Hydroflux offices have been included in the emissions boundary. The organisation boundary has been defined based on an operational control approach.

Climate Active certified products offered by Hydroflux Epco Pty Ltd, Hydroflux Industrial Pty Ltd, and Hydroflux Utilities Pty Ltd are excluded from this certification. It is noted that there is an overlap of emissions in the design, project management, and sales operations. These overlapping organisational emissions are offset within this certification.

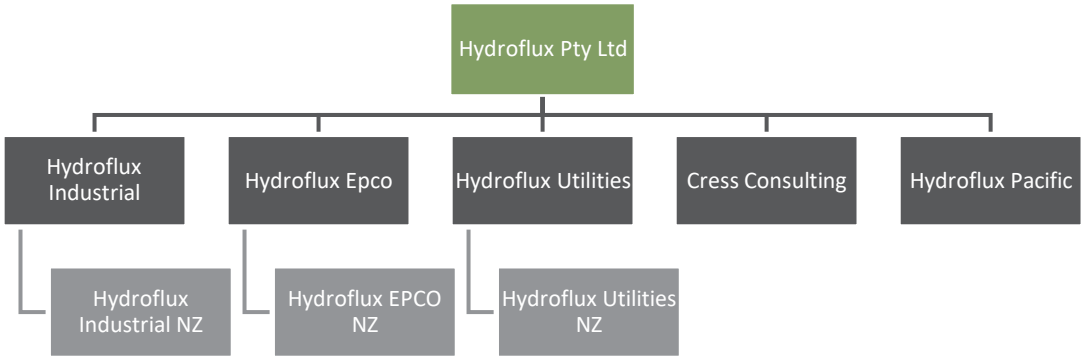
This Public Disclosure Statement includes information for FY2024-25 reporting period.

Organisation description

The Hydroflux group of companies are sustainability driven and were created to deliver unrivalled engineering and scientific knowhow to issues of sustainability, climate adaption and environmental protection with specific focus on water, wastewater, renewable energy, climate resilience and environmental protection.

Hydroflux Pty Limited is a privately owned Australian business with offices located in Australia, New Zealand and the Pacific Islands.

The company is a diverse business that operates via its network of subsidiary companies. Each company offers specific products and services and operate independently. The detailed corporate structure is presented in the following diagram.



The following subsidiaries are included within this certification:

Legal entity name	ABN	ACN
Hydroflux Epco Pty Ltd	93 161 226 606	161 226 606
Hydroflux Industrial Pty Ltd	86 163 374 338	163 374 338
Hydroflux Utilities Pty Ltd	68 166 065 461	166 065 461
Cress Consulting Pty Ltd	98 150 137 723	150 137 723
Hydroflux Pacific (Fiji)	TIN: 50 56620 06	
Hydroflux Epco NZ Limited	NZBN: 9429046927620	
Hydroflux Industrial NZ Limited	NZBN: 9429046950734	
Hydroflux Utilities NZ Limited	NZBN: 9429046950727	

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 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

Accommodation and facilities

Cleaning and chemicals

Climate Active Carbon Neutral Products and Services

Construction materials and services

Electricity

Food

ICT services and equipment

Machinery and vehicles

Office equipment and supplies

Postage, courier, and freight

Professional services

Refrigerants

Stationary energy (gaseous fuels)

Stationary energy (liquid fuels)

Stationary energy (solid fuels)

Transport (Air)

Transport (Land and sea)

Waste

Water

Working from home

Non-quantified

Electricity (international offices)

WFH (international offices)

Outside emission boundary

Excluded

N/A

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

The Hydroflux group of companies commits to reduce scope 1 and scope 2 emissions by 60% by 2026 from a FY20-21 base year and to measure and reduce its scope 3 emissions. Hydroflux commits to reach net-zero by 2050. As part of this, Hydroflux commits to reduce scope 1, 2, and 3 emissions by 90% by 2050, from a FY20-21 base year.

We recognise that meaningful emissions reduction action takes time, so we have revised our goals and will build on previous years' actions. Hydroflux Pty Limited is focused on emissions sources where we have the greatest potential to influence emissions reduction.

Scope 1 & 2 emissions

Hydroflux's scope 1 emission sources are refrigerants and fleet vehicle fuel use, while the scope 2 emission source is electricity use from offices. Hydroflux is committed to:

- Transition our owned fleet vehicle to an electric vehicle by 2030.
- Continue to purchase 100% GreenPower renewable electricity for lighting in our owned Sutherland office and purchase additional GreenPower to cover our proportion of base building electricity consumption at all offices.

Scope 3 emissions

Hydroflux's key scope 3 emission hotspots are land and sea transport (approximately 50% employee commuting and 50% business travel), ICT services, air transport, professional services, accommodation and facilities. Hydroflux is committed to:

- Zero waste to landfill by 2030 supported by our waste management program.
- Develop and implement a Sustainable Procurement Policy across the group of companies by December 2026, building upon the organisation's definition of sustainable procurement.
- Continue to raise awareness and uptake of the Green Transport Initiative, which provides employees with funded public transport options to support employees to travel to work in the most safe, efficient and sustainable manner, and reduce commuting-related emissions.
- Continue to raise awareness of our Travel Expenses & Reimbursement Policy, which preferences electric vehicle (EV) hire for business travel where range and availability allow.
- Continue to implement the laptop management policy which extends the replacement period of ICT equipment and requires the reuse of end-of-life equipment, reducing e-waste to landfill.

- Engage key suppliers, fabricators and contractors to understand their energy sources and emissions-reduction initiatives to identify opportunities for collaboration and influence.
- Continue to raise awareness of our International Travel Policy, which encourages employees to fly carbon neutral with Qantas or Virgin Australia airlines, which are Climate Active certified.

To oversee and coordinate these actions, Hydroflux will continue to maintain quarterly Sustainability Committee meetings. This governance structure enables cross-functional collaboration, monitors progress toward our emissions reduction strategy and supports continuous improvement of our emissions reduction actions and overall sustainability practices.

Emissions reduction actions

We have implemented several initiatives with measurable outcomes and will continue to strengthen and expand these actions as we work towards our 2026 and 2050 targets. In the FY2024-25 reporting period Hydroflux:

- Reduced fleet-related emissions by 87% and scope 1 emissions by 73% from a FY20-21 base year driven by a policy decision to discontinue the provision of company vehicles.
- Purchased 100% GreenPower renewable energy for owned and leased offices.
- Continued to encourage employees to commute to and from work in the most safe, efficient, and sustainable manner through the Green Transport Initiative which funds public transport.
- Continued to support low-emission business travel through electric vehicle car hire and encouraging project teams to carpool to site.
- Recycled and diverted from landfill 16 kg of coffee pods, 19 kg of coffee cups, 25 kg of aluminium cans, 224 kg cardboard, and 364 kg paper in Sutherland offices through our waste management program.
- Maintained Hydroflux Sustainability Committee to support cross-functional collaboration and determine ways Hydroflux can improve its existing sustainability practices.
- Continued to assess supplier practices through the Contractor, Fabricator, Consultant (CFC) procedure to ensure environmental practices (e.g. emissions, waste, resource management, and ethical sourcing) align with the Hydroflux Sustainability Policy.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year			
		Total tCO_2-e (without uplift)	**Total tCO_2-e** (with uplift)
Base Year / Year 1	2020-2021	462.56	469.54
Year 2:	2021-2022	488.89	490.34
Year 3:	2022-2023	964.77	966.39
Year 4:	2023-2024	970.57	972.45
Year 5:	2024-2025	812.63	814.70

Significant changes in emissions

Significant changes in emissions			
Emission source	**Previous year emissions** (t CO_2-e)	**Current year emissions** (t CO_2-e)	**Reason for change**
Computer and technical services	139.36	165.37	The emission factor increased by 14% and spend in this category increased slightly.

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

Certified brand name	Product/Service/Building/Precinct used
Qantas Airways Limited	Opt-in carbon neutral passenger service
Virgin Australia Holdings	Opt-in carbon neutral passenger service

Emissions summary

The electricity summary is available in Appendix B. Electricity emissions were calculated using a **market-based** approach.

Emission category	Scope 1 emissions (tCO_2-e)	Scope 2 emissions (tCO_2-e)	Scope 3 emissions (tCO_2-e)	Total emissions (t CO_2-e)
Accommodation and facilities	0.00	0.00	34.49	34.49
Cleaning and chemicals	0.00	0.00	10.75	10.75
Climate Active products and services	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00
Food	0.00	0.00	20.50	20.50
ICT services and equipment	0.00	0.00	193.81	193.81
Machinery and vehicles	0.00	0.00	0.04	0.04
Office equipment and supplies	0.00	0.00	10.57	10.57
Postage, courier and freight	0.00	0.00	29.05	29.05
Professional services	0.00	0.00	98.73	98.73
Refrigerants	1.90	0.00	0.00	1.90
Stationary energy (gaseous fuels)	0.00	0.00	0.00	0.00
Stationary energy (liquid fuels)	0.00	0.00	0.00	0.00
Stationary energy (solid fuels)	0.00	0.00	0.00	0.00
Transport (air)	0.00	0.00	104.62	104.62
Transport (land and sea)	1.27	0.00	298.48	299.76
Waste	0.00	0.00	2.93	2.93
Water	0.00	0.00	0.76	0.76
Working from home	0.00	0.00	4.72	4.72
Total emissions (tCO_2-e)	**3.18**	**0.00**	**809.46**	**812.63**

Figures may not sum to total due to rounding.

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions that cannot 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**
Uplift to account for electricity consumption emissions at international offices	1.86
Uplift to account for WFH emissions at international offices	0.21
Total of all uplift factors (tCO_2-e)	2.07
Total emissions footprint to offset (tCO_2-e) *(total emissions from summary table + total of all uplift factors)*	**814.70**

6. CARBON OFFSETS

Eligible offsets retirement summary

Offsets retired for Climate Active certification

Type of offset unit	Quantity used for this reporting period	Percentage of total units used
Verified Emissions Reductions (VERs)	515	63.19%
Verified Carbon Units (VCUs)	300	36.81%

Climate Active certified products offered by Hydroflux Epco Pty Ltd, Hydroflux Industrial Pty Ltd, and Hydroflux Utilities Pty Ltd are excluded from this certification. It is noted that there is an overlap of emissions in the design, project management, and sales operations. These overlapping organisational emissions are offset within this certification.

Project name	Type of offset unit	Registry	Date retired	Serial number	Vintage	Total quantity retired	Quantity used in previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period	Percentage of total used this reporting period
Methane Gas Capture and Electricity Production at Kubratovo Wastewater Treatment Plant, Sofia, Bulgaria	VER	Gold Standard Impact Registry	18/07/2022	GS1-1-BG-GS4238-6-2015-5862-16400-16740	2015	341	341	0	0	0.00%
Wind Power Project in Madhya Pradesh by OBWPPL	VER	Gold Standard Impact Registry	15/07/2025	GS1-1-IN-GS4962-12-2021-27365-607-669	2021	63	0	0	63	7.73%
TASC Clean Cooking PoA – VPA 4 (Zambia)	VER	Gold Standard Impact Registry	9/12/2025	GS1-1-ZM-GS11604-16-2023-27205-451-751	2023	301	0	0	301	36.93%
Katingan Peatland Restoration and Conservation Project	VCU	Verra Registry	9/12/2025	12730-427254853-427255152-VCS-VCU-263-VER-ID-14-1477-01012020-31122020-0	2020	300	0	0	300	36.81%
TASC Clean Cooking PoA – VPA 4 (Zambia)	VER	Gold Standard Impact Registry	8/04/2026	GS1-1-ZM-GS11604-16-2023-27205-1100-1250	2023	151	0	0	151	18.53%
					Offset Totals:	**1156**	**341**	**0**	**815**	**100%**

Co-benefits

This section provides a brief description of the carbon offset projects purchased and retired for Hydroflux Pty Limited carbon neutral claim.

Methane Gas Capture and Electricity Production at Kubratovo Wastewater Treatment Plant, Sofia, Bulgaria

The project is both a methane emissions reduction and energy production project. Methane produced in Kubratovo wastewater treatment plant is captured in common methane tanks serving as a buffer and then supplied to the newly installed CHP gas engines for electricity and heat production, which in turn will substitute both the plant's electricity purchases from the grid and diesel fuel usage. Excess electricity is supplied to the grid. This transformation has a major effect on the environment through dramatically reducing the existing methane gas emissions at the plant while also reducing the volume of sludge (to as much as 50%) that needs to be transported, hence reducing GHG emissions from transportation as well.

The project meets the following Sustainable Development Goals:

Wind Power Project in Madhya Pradesh, India

This 50 MW wind power project in Madhya Pradesh comprises 25 wind turbines of 2 MW each, generating around 110 GWh of clean electricity annually, enough to power approximately 25,500 households, and significantly reducing CO_2 emissions through renewable energy generation. The project is complemented with extensive Corporate Social Responsibility initiatives across education, sanitation, healthcare, potable water access, employment generation, women's empowerment, and environmental stewardship/ The project directly employs 61 people, 22 of whom are local.

The project meets the following Sustainable Development Goals:

Improved Cookstoves for Rural Zambia, Zambia

The project delivers major climate and community benefits by distributing over 230,000 fuel-efficient cookstoves to rural households across Zambia, significantly reducing wood consumption, carbon emissions, and pressure on local forests. Each stove cuts firewood use by an average of 4.67 tonnes per household annually, lowering greenhouse gas emissions while improving indoor air quality and reducing smoke-related health risks. With a 97% adoption rate, the initiative supports a long-term shift toward cleaner, healthier cooking practices. By decreasing the time spent gathering firewood and reducing exposure to harmful smoke, the project enhances the well-being of women and children and creates space for education and livelihood activities. Additionally, it stimulates local economic development by generating employment in stove production, distribution, and training. Although this project is certified for SDG 13 at the individual project level, it forms part of the wider Programme of Activities (GS11009) which is validated for additional sustainable development goals.[1]

The project meets the following Sustainable Development Goals:

Katingan Peatland Conservation, Central Kalimantan, Indonesia

The project is a peatland conservation and emissions-reduction initiative that protects and restores 149,800 hectares of critical peat swamp forests in Central Kalimantan, Indonesia. By safeguarding this vast, intact, carbon-rich ecosystem from degradation, deforestation, and peat fires, the project prevents significant greenhouse gas emissions and contributes to global climate change mitigation. The protection of these peatlands maintains essential ecosystem services, supports biodiversity, including endangered species such as the Bornean Orangutan, and sustains the hydrological functions vital to the region. In addition, the project delivers long-term social co-benefits by supporting local communities, strengthening sustainable livelihoods, and enhancing climate resilience across the landscape.

The project meets the following Sustainable Development Goals:

[1] The Programme of Activities GS11009 is validated for contributions to SDGs 1, 3, 7, 8 and 12, with SDG 5 evidenced through the gender-related co-benefits documented in TASC Clean Cooking POA – VPA 1 (Zambia). Available at https://registry.goldstandard.org/projects/details/3100.

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

There are two international best-practice methods for calculating electricity emissions – the location-based method and the market-based method. Reporting electricity emissions under both methods is called dual reporting.

Dual reporting of electricity emissions is useful, as it provides different perspectives of the emissions associated with a business's electricity usage.

Location-based method:

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method:

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

For this certification, electricity emissions have been set by using the **market-based approach**.

Market-based approach summary

Market-based approach	Activity Data (kWh)	Emissions (kg CO_2-e)	Renewable percentage of total
Behind the meter consumption of renewable electricity generated	0	0	0%
Total non-grid renewable electricity	**0**	**0**	**0%**
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	141,073	0	88%
Climate Active precinct/building (voluntary renewables)	0	0	0%
Precinct/Building (LRET)	0	0	0%
Precinct/Building jurisdictional renewables (LGCS surrendered)	0	0	0%
Electricity products (voluntary renewables)	0	0	0%
Electricity products (LRET)	0	0	0%
Electricity products jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LGCs surrendered)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	29,290	0	18%
Residual Electricity	-9,382	-8,632	0%
Total renewable electricity (grid + non grid)	**170,363**	**0**	**106%**
Total grid electricity	**160,981**	**0**	**106%**
Total electricity (grid + non grid)	**160,981**	**0**	**106%**
Percentage of residual electricity consumption under operational control	0%		
Residual electricity consumption under operational control	**0**	**0**	
Scope 2	0	0	
Scope 3 (includes T&D emissions from consumption under operational control)	0	0	
Residual electricity consumption not under operational control	**-9,382**	**-8,632**	
Scope 3	-9,382	-8,632	

Total renewables (grid and non-grid)	**105.83%**
Mandatory	**18.20%**
Voluntary	**87.63%**
Behind the meter	**0.00%**
Residual scope 2 emissions (t CO_2-e)	**0.00**
Residual scope 3 emissions (t CO_2-e)	**-8.63**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**0.00**
Total emissions liability (t CO_2-e)	**0.00**

Figures may not sum to total due to rounding. Renewable percentage can be above 100%

Location-based approach summary

Location-based approach	Activity Data (kWh) total	Under operational control			Not under operational control	
Percentage of grid electricity consumption under operational control	**100%**	**(kWh)**	**Scope 2 Emissions ($kgCO_2$-e)**	**Scope 3 Emissions ($kgCO_2$-e)**	**(kWh)**	**Scope 3 Emissions ($kgCO_2$-e)**
NSW	148,736	148,736	98,166	5,949	0	0
VIC	3,413	3,413	2,628	307	0	0
QLD	8,832	8,832	6,271	883	0	0
Grid electricity (scope 2 and 3)	**160,981**	**160,981**	**107,064**	**7,140**	**0**	**0**
NSW	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
Non-grid electricity (behind the meter)	**0**	**0**	**0**	**0**		
Total electricity (grid + non grid)	**160,981**					

Residual scope 2 emissions (t CO_2-e)	**107.06**
Residual scope 3 emissions (t CO_2-e)	**7.14**
Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**107.06**
Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO_2-e)	**7.14**
Total emissions liability	**114.20**

Operations in Climate Active buildings and precincts

Operations in Climate Active buildings and precincts	Electricity consumed in Climate Active certified building/precinct (kWh)	Emissions (kg CO_2-e)
N/A	-	-

Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their building or precinct certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the building/precinct under the market-based method is outlined as such in the market-based summary table.

Climate Active carbon neutral electricity products

Climate Active carbon neutral electricity product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO_2-e)
N/A	-	-

Climate Active carbon neutral electricity is not renewable electricity. These electricity emissions have been offset by another Climate Active member through their electricity product certification. This electricity consumption is also included in the market based and location-based summary tables. Any electricity that has been sourced as renewable electricity by the electricity product under the market-based method is outlined as such in the market-based summary table.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following emissions sources have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. 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
Electricity (international offices)	Data is unavailable but uplift applied.
WFH (international offices)	Data is unavailable but uplift applied.

Data management plan for non-quantified sources

The data management plan below outlines how more rigorous quantification can be achieved for material (greater than 1%) non-quantified emission sources.

Electricity from international offices:

Hydroflux Pty Limited will continue to work with the lessors of their international offices to record their electricity usage.

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to this 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.

Excluded emissions sources summary

Emission sources tested for relevance	Size	Influence	Risk	Stakeholders	Outsourcing	Justification
N/A	-	-	-	-	-	N/A

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