PUBLIC DISCLOSURE STATEMENT

HYDROFLUX INDUSTRIAL PTY LTD

PRODUCT CERTIFICATION
FY2024–25

Australian Government

Climate Active
Public Disclosure Statement

HYDROFLUX industrial

An Australian Government Initiative

Climate Active

NAME OF CERTIFIED ENTITY	Hydroflux Industrial Pty Ltd
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.* Mathew Foster CEO – Hydroflux Industrial 14 May 2026

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

Version 10.

1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	103 tCO_2-e
CARBON OFFSETS USED	49.51% VERs, 50.49% VCUs
RENEWABLE ELECTRICITY	N/A
CARBON ACCOUNT	Prepared by: Cress Consulting Pty Ltd
TECHNICAL ASSESSMENT	29th July 2022 100% Renewables Next technical assessment due: FY 2025-26

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2. CERTIFICATION INFORMATION

Description of product certification

This product certification is for a product portfolio of water and wastewater treatment equipment sold in Australia by Hydroflux Industrial Pty Ltd. The product portfolio covers HyDAF, HydraBLEND, HySEP and CakeMAX.

- Functional unit: equipment units sold with emissions expressed in tCO2-e
- Offered as: full coverage product
- Life cycle: cradle-to-gate. This component of the life cycle includes all emissions from raw material extraction through to product delivery as stipulated by the contractual agreement. Emissions for the life cycle beyond the gate (i.e. at the point where we transfer the equipment to our customer) reside with our customer, and these may include transport, installation, usage and end of life.

The responsible entity for this product certification is Hydroflux Industrial Pty Ltd, ABN 86 163 374 338.

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

Description of business

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. Climate Active certification demonstrates that Hydroflux takes its climate responsibility seriously.

Hydroflux Industrial Pty Ltd design, manage, and sell water and wastewater treatment equipment with somewhat limited ability to influence carbon emissions in relation to this product portfolio as the majority of attributable processes are outside our operational control and defined by contractual agreements.

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.

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**).

Outside the emissions boundary

Non-attributable emissions have been assessed as not attributable to a product or service. 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.

Inside emissions boundary

Quantified

Raw material extraction

Material pre-processing

Manufacturing

Hydroflux organisation for the design, project management and sales of products (offset via the parent organisation Hydroflux Pty Limited)

Transport (land and sea)

Distribution to customer

Packaging

Non-quantified

N/A

Excluded

N/A

Outside emission boundary

Non-attributable

Downstream life cycle stages:

Distribution and storage after delivery

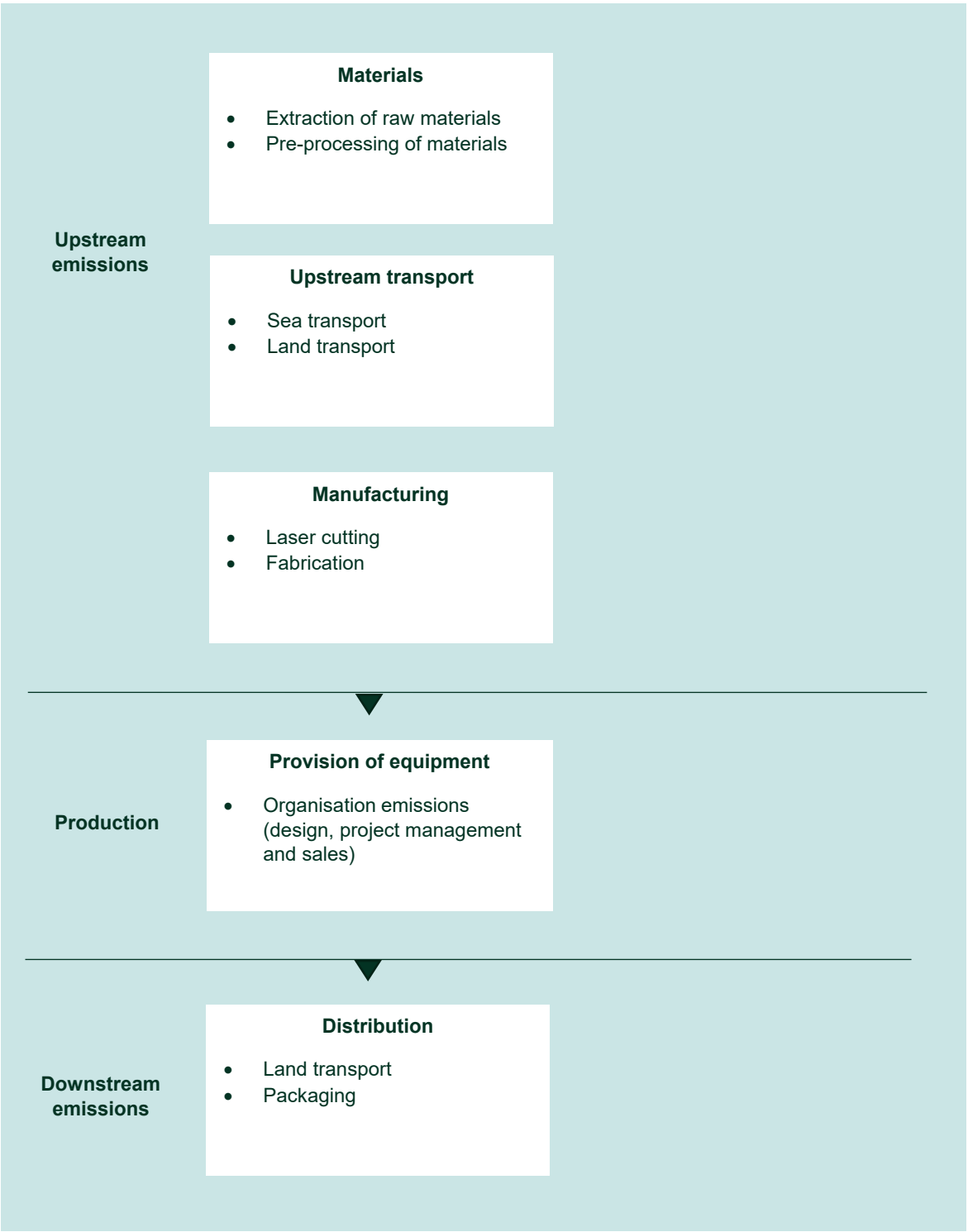
Installation

Use

End of life

Product process diagram

Cradle-to-gate boundary[1]



[1] Hydroflux Industrial Pty Ltd organisation emissions are declared and offset via their parent organisation Hydroflux Pty Limited – see the Public Disclosure Statement document for Hydroflux Pty Limited

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

The Hydroflux group of entities commits to reduce scope 1 and scope 2 emissions by 60% by 2026 from a FY2020-2021 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 FY2020-2021 base year. As Hydroflux Industrial Pty Ltd is part of the Hydroflux group of entities, we will contribute to the organisation's commitment and collaborate with all entities to work towards these shared targets.

Scope 1 and 2 emissions associated with Hydroflux Industrial's product portfolio are addressed through the Hydroflux group of entities' organisation certification (see the Public Disclosure Statement document for Hydroflux Pty Limited), while scope 3 emissions are targeted in this emissions reduction strategy. However, our ability to influence emissions in relation to this product portfolio is somewhat limited as most attributable processes are outside our operational control and defined by contractual agreements.

We recognise that meaningful emissions reduction action takes time, so actions will build on progress achieved in previous years into 2025 and onwards. We will continue to formally communicate our carbon neutral commitment to all employees, suppliers, contractors, fabricators and peers within the industry to support our emissions reduction and consequently encourage the decarbonisation of the whole industry. Acknowledging that majority of our product emissions are from steel, we will continue working with our key suppliers to understand and adopt lower emissions materials where available. Through efficient engineering, we will also focus on reducing material usage in our designs.

In 2022, Hydroflux Industrial set a target to work with our main Australian fabricator to invest in renewable electricity by the end of December 2025. However, this target was not achieved as our business has grown, and we no longer operate with a single primary fabricator. Fabrication is now distributed across several independent suppliers with each operating their own facilities and energy systems, making a centralised renewable electricity initiative unfeasible. Instead, we will focus on engaging our key fabricators to understand their current energy sources and emissions-reduction measures, with the aim of identifying opportunities for collaboration where practical.

In 2023, the Hydroflux group of entities set a target to define sustainable procurement for the business and determine how this definition will best guide a sustainable procurement strategy and policy by December 2025. As this target was achieved, the organisation will next work with all Hydroflux entities, including Hydroflux Industrial, to use this definition to develop a Sustainable Procurement Policy by December 2026.

Our ongoing product development, improvement and innovation sees our equipment in a constant state of evolution, optimising material consumption and energy efficiency. As technological advancements are made in the production of green steel and other low carbon materials, we will investigate and commit to uptake of these materials.

Emissions reduction actions

In the FY2024-25 reporting period, Hydroflux Industrial Pty Ltd:

- Continued to develop, improve, and innovate our products to optimise material consumption and energy efficiency, where possible.
- Continued to engage customers through the sales process on options to deliver their projects carbon neutral.
- Continued to communicate our carbon neutral commitment to our customers through project management plans.
- Continued to optimise our transport processes on a project-by-project basis, in alignment with our contractual agreements.
- 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	Percentage change in the emissions intensity of the functional unit
Base year/ Year 1:	2022-23	139.74	
Year 2:	2023-24	76.43	-37.1%
Year 3:	2024-25	102.27	+28.6%

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**
Stainless steel	61.26	77.14	Increased sales of products with greater stainless steel content
Mild steel	5.41	13.51	Increased sales of products with greater mild steel content

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

No uplift factors were included in the emissions total.

Life cycle stage	tCO_2-e
Upstream emissions	100.79
Production	0[2]
Downstream emissions	1.48
Attributable emissions (tCO_2-e)	102.27

Product offset liability	
Emissions intensity per functional unit	Confidential
Emissions intensity per functional unit including uplift factors	N/A
Number of functional units covered by the certification	Confidential
Total emissions (tCO_2-e) to be offset	**102.27**

[2] All production emissions are shown and offset in the organisation certification. In FY2024-25 organisation emissions were 815tCO2-e

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)	51	49.51%
Verified Carbon Units (VCUs)	52	50.49%

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
TASC Clean Cooking PoA – VPA 4 (Zambia)	VER	Gold Standard Impact Registry	9/12/2025	GS1-1-ZM-GS11604-16-2023-27205-752-802	2023	51	0	0	51	49.51%
Katingan Peatland Restoration and Conservation Project	VCU	Verra Registry	9/12/2025	12730-427255153-427255204-VCS-VCU-263-VER-ID-14-1477-01012020-31122020-0	2020	52	0	0	52	50.49%

Co-benefits

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

Improved Cookstoves for Rural Zambia, Zambia

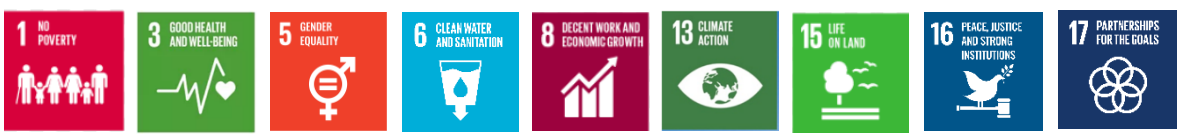
The project delivers major climate and community benefits by distributing over 230,000 fuel-efficient cookstoves to rural households across Zambia, significantly reducing wood consumption, carbon emissions, and pressure on local forests. Each stove cuts firewood use by an average of 4.67 tonnes per household 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.[3]

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:



[3] 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

N/A. Hydroflux Industrial Pty Ltd electricity emissions are declared and offset via its parent organisation Hydroflux Pty Limited – see the Public Disclosure Statement document for Hydroflux Pty Limited.

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.

An uplift factor must be applied to account for emissions sources which are estimated to be material, but not practical to measure (such as no actual or projected data).

Relevant non-quantified emission sources	Justification reason
N/A	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.

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 (less than 1% of emissions**).

If an emissions source is determined to be material (but does not have actual or projected data), it cannot be excluded and must be considered as a non-quantified emissions source.

Please provide justification regarding each excluded emissions source:

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

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
Distribution and storage after delivery	N	N	N	N	N	**Size:** The emissions source is not likely to be large compared to other attributable emissions. **Influence:** Hydroflux does not have the potential to influence the emissions from this source because it is outside of our project's contractual agreement. **Risk:** The emission source does not contribute to Hydroflux's greenhouse gas risk exposure because it is outside of our project's contractual agreement. **Stakeholders:** Key stakeholders are unlikely to consider this a relevant source of emissions for our product under our operational control. **Outsourcing:** We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.
Installation	N	N	N	N	N	**Size:** The emissions source is not likely to be large compared to other attributable emissions. **Influence:** Hydroflux does not have the potential to influence the emissions from this source because it is outside of our project's contractual agreement. **Risk:** The emission source does not contribute to Hydroflux's greenhouse gas risk exposure because it is outside of our project's contractual agreement. **Stakeholders:** Key stakeholders are unlikely to consider this a relevant source of emissions for our product under our operational control. **Outsourcing:** We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.

Use	Y	N	N	N	N	**Size:** The emissions source is likely to be large compared to other attributable emissions. **Influence:** Hydroflux does not have the potential to influence the emissions from this source because it is outside of our project's contractual agreement. **Risk:** The emission source does not contribute to Hydroflux's greenhouse gas risk exposure because it is outside of our project's contractual agreement. **Stakeholders:** Key stakeholders are unlikely to consider this a relevant source of emissions for our product under our operational control. **Outsourcing:** We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.
End of life	N	N	N	N	N	**Size:** The emissions source is not likely to be large compared to other attributable emissions. **Influence:** Hydroflux does not have the potential to influence the emissions from this source because it is outside of our project's contractual agreement. **Risk:** The emission source does not contribute to Hydroflux's greenhouse gas risk exposure because it is outside of our project's contractual agreement. **Stakeholders:** Key stakeholders are unlikely to consider this a relevant source of emissions for our product under our operational control. **Outsourcing:** We have not previously undertaken this activity within our emissions boundary and comparable products do not typically undertake this activity within their boundary.

APPENDIX E: OPT-IN PRODUCT ACTION PLAN

N/A. Hydroflux Industrial Pty Ltd offers a full coverage product.

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