



PUBLIC DISCLOSURE STATEMENT

**HILL THALIS ARCHITECTURE & URBAN
PROJECTS PTY LTD**

**ORGANISATION CERTIFICATION
CY2021**

hill thalis
ARCHITECTURE + URBAN PROJECTS PTY LTD



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1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	37 tCO ₂ -e
OFFSETS BOUGHT	100% ACCUS
RENEWABLE ELECTRICITY	18.54%
TECHNICAL ASSESSMENT	Not required.

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2. CARBON NEUTRAL INFORMATION

Description of certification

Hill Thalys Architecture & Urban Projects Pty Ltd is being certified for its Australian business operations, ABN 36 002 939 406.

Organisation description

Hill Thalys Architecture + Urban Projects Pty Ltd is a leading independent practice working across the fields of architecture and city making, with particular experience in urban design, strategic planning, infrastructure, feasibility studies, a range of residential types from high density apartments to individual dwellings, seniors living, buildings for community use, public space works, heritage interpretation and adaptive re-use projects.

Hill Thalys Architecture + Urban Projects commenced practice as a partnership in 1992 following our role as part the winning team for the Olympic Village National Design Competition. This project sought to integrate urban design, housing and ESD in a holistic way and was instrumental in establishing the focus and agenda of Sydney's "Green Games".

Since becoming a limited company in 2001, the practice has successfully completed many projects and commissions for a wide range of government and private sector clients. Major projects include winning the Barangaroo / East Darling Harbour International Design Competition in 2005/06 and the K2K (Kingsford to Kensington) National Competition in 2016.

The practice has developed a range of consultative and public participation techniques, as they have frequently acted as advocates for public bodies, private clients or community groups. Working as part of large multi-disciplinary teams on challenging projects, Hill Thalys has successfully integrated disparate skills such as economic planning, complex environmental and engineering services and public art.

Hill Thalys is committed to taking climate action and reducing our carbon footprint.

Hill Thalys Architecture & Urban Projects Pty Ltd is based entirely in Sydney and does not trade under any other name.

"Sustainability is of key importance to architecture and urbanism. We can't make meaningful sustainability strides in our work, without making sure our own house is in order. Climate Active certification is an important sign of our commitment to sustainability as part of ethical practice."

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 or precinct'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		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Excluded</u>
Cleaning and Chemicals	Water	Refrigerants
Electricity		
Food		
ICT Services and equipment		
Office equipment & supplies		
Postage, courier and freight		
Professional Services		
Transport (Air)		
Transport (Land and Sea)		
Waste	<u>Optionally included</u>	
Working from home	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.

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Hill Thalys has limited opportunities to reduce emissions as it rents its office space and has limited fuel consumption. However, in March 2020, Hill Thalys changed electricity retailer to procure carbon neutral power. As of 2021, Hill Thalys has exclusively used carbon neutral with 100% GreenPower for electricity. Hill Thalys has also opted-in for carbon neutral flights. Hill Thalys commits to a 20% reduction of organisation emissions by 2027, from CY2019 base year and at least a 30% reduction by CY2029. The reduction will be achieved by the following:

Scope 1

- Using low-emission fuel, hybrid and electric vehicle for travel whenever possible.
- Supporting cycling to work with the provision of in-office secure bike storage racks and providing practice managed Opal cards to encourage public transport use for practice travel where appropriate.

Scope 2

- Continue procuring carbon neutral with 100% GreenPower electricity.
- Educate Hill Thalys staff to reduce office's energy consumption (e.g. switch-off campaign)

Scope 3

- Establishing green procurement policies, such as:
 - Using Climate Active certified businesses/organisations when acquiring products and services.
 - Utilising video conference technology to avoid travel emissions.
 - Buying recycled products to prevent waste-to-landfill.

Emissions reduction actions

Hill Thalys' office shutdown during the COVID-19 lockdown period in CY2021, which led significant emission reductions in Hill Thalys' net carbon footprint. This was mainly due to the reduced staff commute requirements and office electricity consumption. However, in addition to this, Hill Thalys have implemented strategic actions to achieve long term emission reductions. Specifically, Hill Thalys procured carbon neutral electricity for office consumption. While Hill Thalys acknowledges that the emissions reduction will not be as drastic in CY2021, due to the impact of the COVID-19 shutdown period, Hill Thalys will continue procuring this carbon neutral electricity moving forward and providing options for employees to continue working from home outside the COVID-19 lockdown period, leading to significant emission reductions in the future reporting periods.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	CY2019	57.87
Year 1:	CY2020	33.93
Year 2:	CY2021	36.496

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e and/ or activity data)	Previous year (tCO ₂ -e and/ or activity data)	Detailed reason for change
Electricity	18.161 tCO ₂ -e	20.179 tCO ₂ -e	Change from location based to market based and reduction in emission factor
ICT services and equipment	5.836 tCO ₂ -e	2.489 tCO ₂ -e	Increase in computer software purchase and servicing costs and telecommunications.
Working from home	3.087 tCO ₂ -e	1.513 tCO ₂ -e	More employees working from home due to COVID-19 impacts and changes to office attendance requirements.

Use of Climate Active carbon neutral products and services

N/A

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based 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	0	0
Air transport (fuel)	0	0	0	0
Air transport (km)	0	0	0.70	0.70
Bespoke	0	0	0	0
Carbon neutral products and services	0	0	0	0
Cleaning and chemicals	0	0	0.36	0.36
Construction materials and services	0	0	0	0
Electricity	0	18.16	0	18.16
Food	0	0	0.23	0.23
Horticulture and agriculture	0	0	0	0
ICT services and equipment	0	0	5.84	5.84
Land and sea transport (fuel)	0.35	0	0.0187	0.37
Land and sea transport (km)	0	0	0.80	0.80
Machinery and vehicles	0	0	0	0
Office equipment & supplies	0	0	2.12	2.12
Postage, courier and freight	0	0	0.04	0.04
Products	0	0	0	0
Professional services	0	0	2.32	2.32
Refrigerants	0	0	0	0
Roads and landscape	0	0	0	0
Stationary energy	0	0	0	0
Waste	0	0	0.40	0.40
Water	0	0	0	0
Working from home	0	0	3.09	3.09
Total	0.35	18.16	15.91	34.43

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
uplift to account for non-quantified sources where data is unavailable (water consumption) 1%	0.3443
compulsory additional 5% of the total to be added for small organisations	1.7215
Total of all uplift factors	2.0658
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	36.496

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	36.5 tCO ₂ e
3.	Total eligible offsets required for this report	37
4.	Total eligible offsets purchased and retired for this report	37
5.	Total eligible offsets banked to use toward next year's report	2

Co-benefits

Catchment Conservation Alliance Great Barrier Reef Initiative Site 14

The project involves avoiding clearing of native forest that is permitted to be cleared, and sits on land that has historically been subject to clearing within the Great Barrier Reef Catchment area. By retaining these native forests, this project helps to reduce erosion and sediment flows into in waterways that flow into the Great Barrier Reef Catchment area thereby improving the local water quality, protects native ecosystems and helps improve the condition and extent of threatened species such as koalas. This project also provides income diversification to local farmers, helping to improve business resilience. The project addresses the following UN Sustainable Development Goals:



Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (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 (%)
Catchment Conservation Alliance Great Barrier Reef Initiative Site 14	ACCUs	ANREU	12 May 2022	8,331,892,916 - 8,331,892,954	2021-2022		39	0	2	37	100%
Total offsets retired this report and used in this report										37	
Total offsets retired this report and banked for future reports									2		

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUs)	37	100%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not applicable.

APPENDIX A: ADDITIONAL INFORMATION

Not applicable.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach.

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.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0%
Total non-grid electricity	0	0	0%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	4,157	0	19%
Residual Electricity	18,264	18,161	0%
Total grid electricity	22,421	18,161	19%
Total Electricity Consumed (grid + non grid)	22,421	18,161	19%
Electricity renewables	4,157	0	
Residual Electricity	18,264	18,161	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		18,161	
Total renewables (grid and non-grid)	18.54%		
Mandatory	18.54%		
Voluntary	0.00%		
Behind the meter	0.00%		

Residual Electricity Emission Footprint (TCO2e)	18
<i>Figures may not sum due to rounding. Renewable percentage can be above 100%</i>	

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
ACT	0	0	0
NSW	22,421	17,488	1,569
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	22,421	17,488	1,569
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	0	0	0
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	22,421	17,488	1,569

Emission Footprint (TCO2e)	19
<i>Scope 2 Emissions (TCO2e)</i>	<i>17</i>
<i>Scope 3 Emissions (TCO2e)</i>	<i>2</i>

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO2e)
Powershop Electricity (also purchasing GreenPower)	11,715	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, 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	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Water	-	Yes	-	-

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

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

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Refrigerants	No	No	No	No	No	No

Although refrigerants are deemed relevant emissions under the small organisation certification, we do not use refrigerants as tenanted spaces are shared and are not owned or operated by Hill Thalís. As such, it has not been included in PDS or carbon inventory.



An Australian Government Initiative

