



# **PUBLIC DISCLOSURE STATEMENT**

**HANSEN TECHNOLOGIES LIMITED**

**ORGANISATION CERTIFICATION**

**FY2022–23**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Hansen Technologies Limited
REPORTING PERIOD	Financial year 1 July 2022 – 30 June 2023 Arrears report
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>Graeme Taylor            Chief Executive Officer            22/3/2024</p>



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

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Version August 2023.



# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	4,638.0 tCO <sub>2</sub> -e
OFFSETS USED	100% VCUs
RENEWABLE ELECTRICITY	NA
CARBON ACCOUNT	Prepared by: Pangolin Associates
TECHNICAL ASSESSMENT	Next technical assessment due: FY2024

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## 2. CARBON NEUTRAL INFORMATION

### Description of certification

This inventory has been prepared for the financial year from 1 July 2022 to 30 June 2023 and covers the Australian business operations of the company Hansen Technologies Ltd for the following locations:

- Doncaster Office: 2 Frederick Street, Doncaster 3108 VIC
- York Street: 127 York Street, South Melbourne 3205 VIC
- Queen Street: Level 2, 31 Queen Street, Melbourne 3000 VIC
- Other Australia-wide locations – employee remote working

### Organisation description

Hansen (ABN 90 090 996 455) is a global provider of software and services to the energy, water, and communications industries. With our award-winning software suite, we help customers in over 80 countries to create and deliver new products and services, engage with customers, and control and manage critical revenue management and customer support processes.

We are a culture of persistent problem solvers, together on a journey with our customers striking the right balance between the legacy and future advancements. Striving for infinite progression, rather than the perfect destination, our philosophy is rooted in the belief that incremental innovation and co-development, together with our customers, is the pragmatic path forward rather than over-hyped large-scale disruptions.

Utilities and telecoms are two industries that are rapidly transforming from delivering “just essentials” to delivering energy and connected experiences. These things are the foundation of our next society.

At Hansen we play a pivotal role in this. We are the essential ingredient in our customers’ commercial business model, providing them the ability to create and deliver these essential services, charge for them, and establish and maintain lasting financial relationships with their end customers.

Our mission and resulting promise to our customers is simple – to help them ‘power the next’ age of energy and communications experiences and turn them from today’s utilities and telecoms into tomorrow’s next digitally-driven experience companies.

## 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
- Construction materials and services
- Electricity
- Food
- ICT services and equipment
- Office equipment and supplies
- Postage, courier and freight
- Products
- Professional services
- Refrigerants
- Stationary energy (gaseous fuels)
- Stationary energy (liquid fuels)
- Transport (air)
- Transport (land and sea)
- Waste
- Water
- Working from home

### Non-quantified

N/A.

## Outside emission boundary

### Excluded

N/A.

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

Overarching target	<p>We have previously signalled to the market that our aim is to be a carbon neutral business.</p> <p>Our overarching target is to reduce the emissions intensity of our current and existing FY2022 business operations in Australia by 50% from our FY2022 intensity of 107.88 t CO<sub>2</sub>e per million dollars of revenue, by the end of 2026, and to ensure a reduction in the absolute emissions of our current and existing business FY2022 operations in Australia by no less than 40% by the end of FY2026 from FY2022</p>
Scope 1	<p>Hansen Technologies will take the following actions to meet this target:</p> <ul style="list-style-type: none"> <li>• Replacing our older Australian data centres with more energy efficient outsourced centres by the end of 2025.</li> <li>• Ensuring our outsourced data centre providers source renewable or offset power by 2025. (NB: The partner we have engaged to provide these services already source renewable power)</li> <li>• Update our Audit and Risk Committee (ARC) charter to include ESG as a key risk by end of FY23.</li> <li>• Appoint a dedicated Head of ESG to sponsor ESG related matters and reporting into our ARC bi-annually by end of FY23.</li> <li>• Engage external experts to conduct a materiality assessment of all ESG matters which will further inform reduction activities by end of FY23.</li> </ul>
Scope 2	<ul style="list-style-type: none"> <li>• Replacing our older Australian data centres with more energy efficient outsourced centres by the end of 2025.</li> <li>• Ensuring our outsourced data centre providers source renewable or offset power by 2025. (NB: The partner we have engaged to provide these services already source 95% renewable power).</li> <li>• Migrating our Australian offices and employees to more energy efficient spaces which utilise low energy lighting by end of 2025.</li> <li>•</li> <li>• Update our Audit and Risk Committee (ARC) charter to include ESG as a key risk by end of FY23.</li> <li>• Appoint a dedicated Head of ESG to sponsor ESG related matters and reporting into our ARC bi-annually by end of FY23.</li> <li>• Engage external experts to conduct a materiality assessment of all ESG matters which will further inform reduction activities by end of FY23.</li> </ul>
Scope 3	<ul style="list-style-type: none"> <li>• Reducing the number of flights taken by 30% compared to our average number of flights taken across 2018 and 2019 by the end of 2024 through increasing our usage of video conferencing.</li> <li>•</li> <li>• Delivering a supplier code of conduct to all key suppliers by the end of FY24 which establishes expectations for our supplier network to manage and mitigate their GHG emissions.</li> <li>• Migrating our Australian offices by end of 2025 to a more centrally located site close to public transport with high quality end of trip facilities to encourage our people to use more public transport or to walk or cycle to work where possible.</li> <li>• The offices selected also have limited parking further encouraging our people to use their cars less.</li> <li>• Working with our waste removal partners to receive more accurate waste disposal by end of 2024. (NB: We already sort all waste in our offices, our waste removal partner does not yet provide accurate information on its collection however)</li> </ul>
Verifiable	<ul style="list-style-type: none"> <li>• We are engaging with experts to assess the most effective way to signal our road map communication of our global targets.</li> <li>• We have already signalled to the market that our aim is to be a carbon neutral business.</li> <li>• We will need to base line our global organisation prior to communication of overarching timebound targets.</li> <li>• We aim to communicate our base line and reduction roadmap over the next three years.</li> </ul>

## Emissions reduction actions

During the FY2023 period we undertook the following actions to reduce our emissions:

- Updated our Audit and Risk Committee (ARC) charter to include ESG as a key risk.
- Appointed a Head of Investor Relations and ESG to sponsor ESG related matters and reporting into our ARC bi-annually
- Migrated most of our staff to our new NABER 4 rated office location in the Central Business District of Melbourne.
- Begun the process of shutting down our older data centres.
- Migrating more of our hosted services to a more efficient outsourced data centre provider.
- Continued utilisation of video conferencing facilities to reduce the need for travel.
- Assessed and defined our material ESG topics.
- Developed and made significant progress on our 3 year ESG roadmap.
- Surveyed our Australian staff to assess their commuting and work from home habits to better assess our overall emissions.
- Formally rolled out a Supplier Code of Conduct. Our partners are expected to uphold the same standards of responsibility and integrity that Hansen is committed to.
- Recognising our team's efforts in this area, we also formalised a global waste management policy encouraging recycling and the reuse of e-waste across all our locations.
- Actively working to develop our global ESG strategy, including a climate resilience report.



## 5. EMISSIONS SUMMARY

### Emissions over time

		Emissions since base year
		Total tCO <sub>2</sub> -e (without uplift)
Base year/Year 1:	2020–21	5,564.4
Year 2:	2021–22	5,543.4
Year 3:	2022–23	4,638.0

### Significant changes in emissions

Emission source name	Previous year emissions (t CO <sub>2</sub> -e)	Current year emissions (t CO <sub>2</sub> -e)	Detailed reason for change
Electricity (location-based method, scope 2)	4,406.91	3,304.96	As we migrate to new more energy efficient data centres the utilisation of our older data centres has begun to decrease.

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

Certified brand name	Product/Service/Building/Precinct used
N/A.	

## 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 <sub>2</sub> -e)	Sum of scope 2 (tCO <sub>2</sub> -e)	Sum of scope 3 (tCO <sub>2</sub> -e)	Sum of total emissions (t CO <sub>2</sub> -e)
Accommodation and facilities	0.00	0.00	6.97	6.97
Cleaning and chemicals	0.00	0.00	4.64	4.64
Construction materials and services	0.00	0.00	43.62	43.62
Electricity	0.00	3304.96	301.36	3606.32
Food	0.00	0.00	0.65	0.65
ICT services and equipment	0.00	0.00	49.51	49.51
Postage, courier and freight	0.00	0.00	8.78	8.78
Products	0.00	0.00	3.74	3.74
Professional Services	0.00	0.00	413.52	413.52
Refrigerants	25.34	0.00	0.00	25.34
Stationary energy (gaseous fuels)	131.31	0.00	10.19	141.50
Stationary energy (liquid fuels)	0.65	0.00	0.16	0.81
Transport (air)	0.00	0.00	159.51	159.51
Transport (Land and Sea)	0.00	0.00	72.36	72.36
Waste	0.00	0.00	11.48	11.48
Water	0.00	0.00	19.85	19.85
Working from home	0.00	0.00	68.57	68.57
Office equipment and supplies	0.00	0.00	0.84	0.84
<b>Total</b>	<b>157.30</b>	<b>3304.96</b>	<b>1175.75</b>	<b>4638.00</b>

## Uplift factors

N/A.

## 6. CARBON OFFSETS

### Offsets retirement approach

This certification has taken in-arrears offsetting approach. The total emission to offset is 4,639t CO<sub>2</sub>-e. The total number of eligible offsets used in this report is 4,639t. Of the total eligible offsets used, 0 were previously banked and 4,639t were newly purchased and retired. 0 are remaining and have been banked for future use.

### Co-benefits

The project is one of the biggest in this area and proves the capability of NSL's project team in execution and commissioning of bigger size projects. NSL, with a view of being in line with sustainable development priorities of India, is promoting this project with a good green power through tapping of wind energy available in the existing barren land available in the state of Karnataka, which is deficit in power and peak energy requirements.

## Eligible offsets retirement summary

Offsets retired 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 retired (tCO <sub>2</sub> -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 (%)
51 MW Wind Power Project at Chitradurga	VCU	Verra	14 Dec 2023	<a href="#">5682-254921535-254932878-VCU-029-APX-IN-1-1582-29032016-31122016-0</a>	2016		4,639	0	0	4,639	100%
<b>Total eligible offsets retired and used for this report</b>										4,639	
<b>Total eligible offsets retired this report and banked for use in future reports</b>										0	
Type of offset units		Eligible quantity (used for this reporting period)					Percentage of total				
Verified Carbon Units (VCUs)		4,639					100%				

## 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 location-based approach.

Market-based approach summary			
Market-based approach	Activity Data (kWh)	Emissions (kg CO <sub>2</sub> -e)	Renewable percentage of total
Behind the meter consumption of electricity generated	0	0	0%
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0%</b>
LGC Purchased and retired (kWh) (including PPAs)	0	0	0%
GreenPower	0	0	0%
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)	736,943	0	19%
Residual Electricity	3,182,965	3,039,732	0%
<b>Total renewable electricity (grid + non grid)</b>	<b>736,943</b>	<b>0</b>	<b>19%</b>
<b>Total grid electricity</b>	<b>3,919,908</b>	<b>3,039,732</b>	<b>19%</b>
<b>Total electricity (grid + non grid)</b>	<b>3,919,908</b>	<b>3,039,732</b>	<b>19%</b>
Percentage of residual electricity consumption under operational control	99%		
<b>Residual electricity consumption under operational control</b>	<b>3,157,206</b>	<b>3,015,131</b>	
Scope 2	2,788,181	2,662,713	
Scope 3 (includes T&D emissions from consumption under operational control)	369,024	352,418	
<b>Residual electricity consumption not under operational control</b>	<b>25,760</b>	<b>24,601</b>	
Scope 3	25,760	24,601	.

<b>Total renewables (grid and non-grid)</b>	<b>18.80%</b>
<b>Mandatory</b>	<b>18.80%</b>
<b>Voluntary</b>	<b>0.00%</b>
<b>Behind the meter</b>	<b>0.00%</b>
<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>2,662.71</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>377.02</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>2,662.71</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>377.02</b>
<b>Total emissions liability (t CO<sub>2</sub>-e)</b>	<b>3,039.73</b>

Figures may not sum 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	99%	(kWh)	Scope 2 Emissions (kgCO <sub>2</sub> -e)	Scope 3 Emissions (kgCO <sub>2</sub> -e)	(kWh)	Scope 3 Emissions (kgCO <sub>2</sub> -e)
ACT	0	0	0	0	0	0
NSW	0	0	0	0	0	0
SA	0	0	0	0	0	0
VIC	3,919,908	3,888,184	3,304,957	272,173	31,724	29,186
QLD	0	0	0	0	0	0
NT	0	0	0	0	0	0
WA	0	0	0	0	0	0
TAS	0	0	0	0	0	0
<b>Grid electricity (scope 2 and 3)</b>	<b>3,919,908</b>	<b>3,888,184</b>	<b>3,304,957</b>	<b>272,173</b>	<b>31,724</b>	<b>29,186</b>
ACT	0	0	0	0		
NSW	0	0	0	0		
SA	0	0	0	0		
VIC	0	0	0	0		
QLD	0	0	0	0		
NT	0	0	0	0		
WA	0	0	0	0		
TAS	0	0	0	0		
<b>Non-grid electricity (behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total electricity (grid + non grid)</b>	<b>3,919,908</b>					

<b>Residual scope 2 emissions (t CO<sub>2</sub>-e)</b>	<b>3,304.96</b>
<b>Residual scope 3 emissions (t CO<sub>2</sub>-e)</b>	<b>301.36</b>
<b>Scope 2 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>3,304.96</b>
<b>Scope 3 emissions liability (adjusted for already offset carbon neutral electricity) (t CO<sub>2</sub>-e)</b>	<b>301.36</b>
<b>Total emissions liability</b>	<b>3,606.32</b>

### 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 <sub>2</sub> -e)
N/A.	0	0
<i>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.</i>		

### Climate Active carbon neutral electricity products

Climate Active carbon neutral product used	Electricity claimed from Climate Active electricity products (kWh)	Emissions (kg CO <sub>2</sub> -e)
N/A.	0	0
<i>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.</i>		

# 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
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 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						



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