



PUBLIC DISCLOSURE STATEMENT

HANSEN TECHNOLOGIES LIMITED

ORGANISATION CERTIFICATION


FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Hansen Technologies Limited
REPORTING PERIOD	Financial year 1 July 2021 – 30 June 2022 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 7 August 2023</p>



Australian Government
**Department of Industry, Science,
Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	5,543.5 tCO ₂ -e
OFFSETS BOUGHT	100% VCU's
RENEWABLE ELECTRICITY	N/A
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 2021 to 30 June 2022 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
- 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 more than 600 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.

“Telecommunication companies are significant contributors to climate change and if taken the right approach, can play a key role in climate action. For Hansen, getting Climate Active certified and understanding our emissions is the first step towards being a climate action focused company”.

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		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and facilities Cleaning and Chemicals Construction Materials and Services Electricity Food ICT services and equipment Office equipment & 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 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</p>
	<p><u>Optionally included</u></p> <p>N/A</p>	

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

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 business operations in Australia by 50% from our FY2022 intensity of 107.88 t CO₂e per million dollars of revenue, by 2026, and to ensure a reduction in the absolute emissions of our current and existing business operations in Australia by no less than 40% by FY2026 from FY2022</p> <p>Hansen Technologies will take the following actions to meet this target:</p>
Scope 1	<ul style="list-style-type: none"> • Replacing our older Australian data centres with more energy efficient outsourced centres by the end of 2025. • Ensuring our outsourced data centre providers source 100% renewable or offset power by 2025. (NB: The partner we have engaged to provide these services already source 95% renewable power) • Update our Audit and Risk Committee (ARC) charter to include ESG as a key risk by end of FY23. • Appoint a dedicated Head of ESG to sponsor ESG related matters and reporting into our ARC bi-annually by end of FY23. • Engage external experts to conduct a materiality assessment of all ESG matters which will further inform reduction activities by end of FY23.
Scope 2	<ul style="list-style-type: none"> • Replacing our older Australian data centres with more energy efficient outsourced centres by the end of 2025. • Ensuring our outsourced data centre providers source 100% renewable or offset power by 2025. (NB: The partner we have engaged to provide these services already source 95% renewable power). • Migrating our Australian offices and employees to more energy efficient spaces which utilise low energy lighting by end of 2025. • Switching the power supply to our new office to 100 renewable electricity by the end of 2026. • Update our Audit and Risk Committee (ARC) charter to include ESG as a key risk by end of FY23. • Appoint a dedicated Head of ESG to sponsor ESG related matters and reporting into our ARC bi-annually by end of FY23. • Engage external experts to conduct a materiality assessment of all ESG matters which will further inform reduction activities by end of FY23.
Scope 3	<ul style="list-style-type: none"> • 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. • Offsetting a minimum of 50% of the carbon emissions of our remaining flights taken by Australian employees for business travel by 2026. • 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. • 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. • The offices selected also have limited parking further encouraging our people to use their cars less. • 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)
Verifiable	<ul style="list-style-type: none"> • We are engaging with experts to assess the most effective way to signal our road map communication of our global targets. • We have already signalled to the market that our aim is to be a carbon neutral business. • We will need to base line our global organisation prior to communication of overarching timebound targets. • We aim to communicate our base line and reduction roadmap over the next three years.

Emissions reduction actions

During the FY22 period we undertook the following actions to reduce our emissions:

- We signed a lease for a smaller NABER 4 rated office location in the Central Business District of Melbourne
 - This will enable our people to use public transport more effectively to our offices.
 - The offices also have world class end of trip facilities that will encourage our team to cycle or walk to work where practical.
 - The offices utilise low energy lighting and all waste is separated.
- Begun the process of migrating our data centres.
 - We began the process of termination for our lease at York and Frederick Street.
 - We have engaged a new significantly more efficient outsourced data centre provider.
 - The data centre provider at the time of writing this report sources ~95% renewable power.
- Increased our utilisation of video conferencing facilities to reduce our need for travel.
- Formalised our work from home policy to assist in the minimisation of office space and unnecessary staff commuting.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base Year/ Year 1:	2020–21	5,564.4
Year 2:	2021–22	5,543.4

Significant changes in emissions

Total net electricity emissions changed significantly (reduced by 12.6%) as a result of reduced electricity consumption and lowering of Victorian electricity emissions intensities.

Emission source name	Current year (activity data)	Current year (tCO ₂ -e)	Previous year (activity data)	Previous year (tCO ₂ -e)	Detailed reason for change
Total net electricity emissions	4,406,911.2	4,406,911.2	5,042,110.0	5,042,110.0	Reduced volume of kWh consumption combined with reduction in Victorian electricity energy emissions-intensity

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

N/A

Organisation emissions summary

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

Emission Category	Sum of Scope 1 (t CO ₂ -e)	Sum of Scope 2 (t CO ₂ -e)	Sum of Scope 3 (t CO ₂ -e)	Sum of Total Emissions (t CO ₂ -e)
Accommodation and facilities	0.0	0.0	1.6	1.6
Cleaning and Chemicals	0.0	0.0	5.4	5.4
Construction Materials and Services	0.0	0.0	36.0	36.0
Electricity	0.0	4,406.9	0.0	4,406.9
ICT services and equipment	0.0	0.0	243.2	243.2
Office equipment & supplies	0.0	0.0	12.6	12.6
Postage, courier and freight	0.0	0.0	11.4	11.4
Products	0.0	0.0	2.4	2.4
Professional Services	0.0	0.0	323.3	323.3
Refrigerants	21.5	0.0	0.0	21.5
Stationary Energy (gaseous fuels)	141.5	0.0	11.0	152.5
Stationary Energy (liquid fuels)	0.7	0.0	0.03	0.7
Transport (Air)	0.0	0.0	44.7	44.7
Transport (Land and Sea)	0.0	0.0	87.9	87.9
Waste	0.0	0.0	101.5	101.5
Water	0.0	0.0	10.4	10.4
Working from home	0.0	0.0	81.6	81.6
Total emissions	163.7	4,406.9	972.9	5,543.5

Uplift factors

N/A

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
N/A	
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	5,543.5

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	5,543.4
3. Total eligible offsets required for this report	5,544
4. Total eligible offsets purchased and retired for this report	5,544
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

This project helps to create employment opportunities, infrastructure, and clean technology investment in the region. In addition, it reduces the production of specific pollutants like SO_x, NO_x, and SPM associated with conventional thermal power generation facilities. Associated co-benefits include:

Social well-being: The project would help in generating employment opportunities during the construction and operation phases. The project activity will lead to development in infrastructure in the region like development of roads and also may promote business with improved power generation.

Economic well-being: The project is a clean technology investment in the region, which would not have been taken place in the absence of the VCS benefits the project activity will also help to reduce the demand supply gap in the state. The project activity will generate power using zero emissions solar based power generation which helps to reduce GHG emissions and specific pollutants like SO_x, NO_x, and SPM associated with the conventional thermal power generation facilities.

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 (%)
Renewable Power Project by Devarahipparigi Wind Power Private Limited in Karnataka, India (IN)	VCU	VERRA	May 8 2023	10046-173433061-173438604-VCS-VCU-997-VER-IN-1-1793-01012020-31122020-0	2020	0	5,544	0	0	5,544	100%
Total offsets retired this report and used in this report										5,544	
Total offsets retired this report and banked for future reports									0		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total				
Verified Carbon Units (VCUs)		5,544					100%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a **location-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)	811,133	0	19%
Residual Electricity	3,552,145	3,534,255	0%
Total grid electricity	4,363,278	3,534,255	19%
Total Electricity Consumed (grid + non grid)	4,363,278	3,534,255	19%
Electricity renewables	811,133	0	
Residual Electricity	3,552,145	3,534,255	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		3,534,255	
Total renewables (grid and non-grid)	18.59%		
Mandatory	18.59%		
Voluntary	0.00%		
Behind the meter	0.00%		
Residual Electricity Emission Footprint (TCO₂e)	3,543		

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

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO ₂ e)	Scope 3 Emissions (kgCO ₂ e)
ACT	0	0	0
NSW	0	0	0
SA	0	0	0
Vic	4,363,278	3,970,583	436,328
Qld	0	0	0
NT	0	0	0
WA	0	0	0
Tas	0	0	0
Grid electricity (scope 2 and 3)	4,363,278	3,970,583	436,328
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	4,363,278	3,970,583	436,328
Emission Footprint (TCO₂e)	4,407		
<i>Scope 2 Emissions (TCO₂e)</i>	3,971		
<i>Scope 3 Emissions (TCO₂e)</i>	436		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

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 to that of the 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
N/A	N/A	N/A	N/A	N/A

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?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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