PUBLIC DISCLOSURE STATEMENT

HANSEN TECHNOLOGIES LIMITED

ORGANISATION CERTIFICATION
FY2020–2021

Australian Government

Climate Active
Public Disclosure Statement

An Australian Government Initiative

NAME OF CERTIFIED ENTITY	Hansen Technologies Limited
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 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.*  Andrew Hansen Chief Executive Officer 30/1/2023

Australian Government

Department of Industry, Science, Energy and Resources

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Version September 2021. To be used for FY20/21 reporting onwards.

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	5564.42 tCO_2-e
OFFSETS BOUGHT	5,565 VCUs
RENEWABLE ELECTRICITY	0%
TECHNICAL ASSESSMENT	22/07/2022 Tim Pittaway RSM Australia Next technical assessment due: FY2024
THIRD PARTY VALIDATION	Type 1 28/07/2022 Katherine Simmons KREA Consulting

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2. CARBON NEUTRAL INFORMATION

Description of certification

This inventory has been prepared for the financial year from 1 July 2020 to 30 June 2021 and covers the Australian business operations of the company Hansen Technologies Ltd.

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.

"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".

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

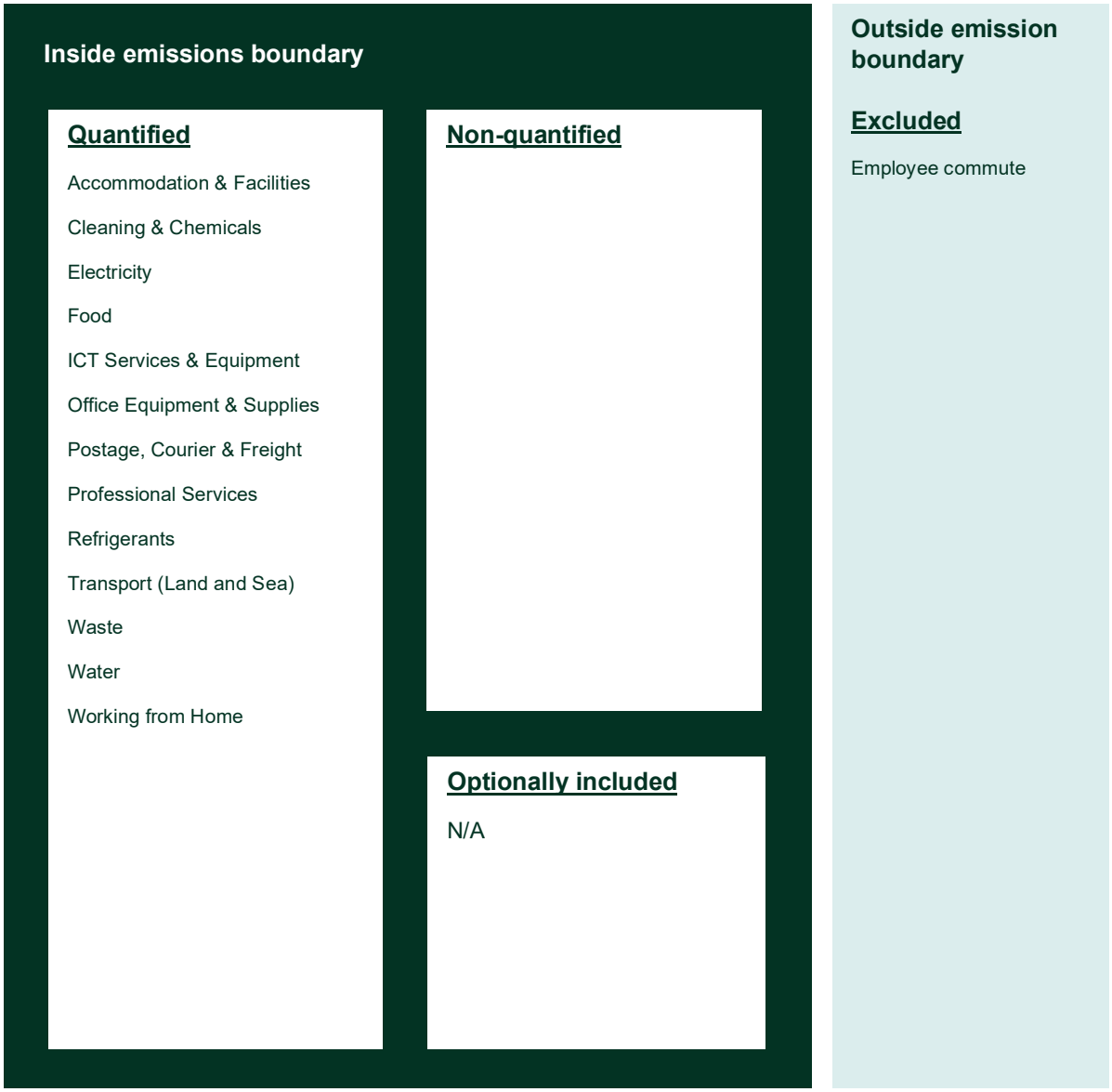
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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 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.



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

As we invigorate initiatives to reduce our social and environmental impacts, we are initially focusing on:

- Ensuring that the workspaces we choose to offer for our people should they elect to work from an office:
  - are energy efficient within the building and facilities

    Timeframe for delivery of this objective: immediate and ongoing.
  - provide for waste minimisation through recycling (and e-recycling), waste separation and paperless-first policies where practical

    Timeframe for delivery of this objective: 1-2 years
  - are located close to central public transport options, bicycle, running and walking paths, and offer quality end-of-trip facilities to encourage less carbon-intensive travel to and from offices.

    Timeframe for delivery of this objective: 1-2 years
- Furthermore, our emissions reductions strategy will focus on embracing technology-first inter-office and client connection and collaboration by making access to a range of positive and easy-to-use technology a natural part of our hybrid way of working to help minimise unnecessary travel and where travel is undertaken, we will always assess the carbon emissions programs of the transportation companies that are options for us.

  Timeframe for delivery of this objective: immediate and ongoing.

- Finally, we will enhance our procurement processes to consider climate impacts in purchasing.

  Timeframe for delivery of this objective: 1-2 years

Hansen will review this strategy and develop a more detailed plan, including quantification of emissions reductions where possible, in 2025.

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5.EMISSIONS SUMMARY

Use of Climate Active carbon neutral products and services

Not applicable.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach. Use this section for projection reports and arrears reporting when a true-up is not required. If a true-up is required, use the next section and not this section.

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	3.74	3.74
Cleaning and Chemicals	0	0	7.58	7.58
Electricity	0	5042.11	0	5042.11
Food	0	0	11.90	11.90
ICT services and equipment	0	0	67.77	67.77
Office equipment & supplies	0	0	0.72	0.72
Postage, courier and freight	0	0	0.45	0.45
Professional Services	0	0	231.59	231.59
Refrigerants	23.68	0	0	23.68
Transport (Land and Sea)	0	0	2.54	2.54
Waste	0	0	40.18	40.18
Water	0	0	1.71	1.71
Working from home	0	0	130.45	130.45
Total	**23.68**	**5042.11**	**498.63**	**5564.42**

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: Arrears		
1.	Total emissions liability to offset for this report	5565
2.	Total eligible offsets purchased and retired for this report	5565
3.	Total offsets banked to use toward next year's report	0

Co-benefits

Hansen has purchased offsets for two renewable energy projects in India and has the following key co-benefits:

Vajrakarur Wind Power Project in Andhra Pradesh

Social wellbeing

- The project activity leads to direct and indirect employment throughout the life-cycle of the project. o Improvement of the local infrastructure like roads network.
- The project activity provides business opportunities to the local population contributing to poverty alleviation of the local community

Economic wellbeing

- Investment in a region, which would not have taken place in the absence of the project activity
- Infrastructural development of the region leading to overall development of the region

Hydroelectric Project in Kinnaur District in Himachal Pradesh

Social well-being:

- The project activity would raise the medium-term employment opportunities for the local people during construction phase. Further on continuous basis, employment opportunities would be available for local inhabitants during lifetime of the project for operation and maintenance of the project. The project activity will support the northern regional grid for sustained and quality supply of power for the local community. It will involve construction of a 10+2 grade school, an industrial training institute, a 40 bedded hospital besides up-gradation of existing roads and bridges in the hilly terrain which would uplift the social life of the surrounding villages.

Economic well-being:

- The northern grid is facing acute shortage of electrical power and thereby, stunting the economic growth of the region. The project activity will be a move towards bridging the gap in supply and demand. During construction and operation phases of the project, employment would be generated for the local population. Further, the business opportunities are enhanced by the project activity for local stakeholders such as consultants, suppliers, manufacturers, contractors etc during the implementation phase. The project activity would contribute to the economic well-being in the region over its entire lifetime.

Offsets summary

Proof of cancellation of offset units

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**	**Eligible quantity (tCO_2-e)**	**Quantity used for previous reporting periods**	**Quantity banked for future reporting periods**	**Quantity used for this reporting period claim**	**Percentage of total (%)**
Vajrakarur Wind Power Project in Andhra Pradesh	VCU	Verra	20/09/2022	12852-453738377-453741159-VCS-VCU-208-VER-IN-1-1214-01042020-31122020-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=166602	2020	2,783	0	o	2,783	50 %
Hydroelectric Project in Kinnaur District in Himachal Pradesh	VCU	Verra	20/09/2022	9375-88845704-88848485-VCS-VCU-997-VER-IN-1-1742-01012019-31122019-0 https://registry.verra.org/myModule/rpt/myrpt.asp?r=206&h=177021	2019	2,782	0	0	2,782	50 %
								Total offsets retired this report and used in this report	5,565	
								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)	5,565	100%

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 % 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)	875,431	0	19%
Residual electricity	3,750,258	4,024,436	0
Total grid electricity	**4,625,789**	**4,024,436**	**19%**
Total electricity consumed (grid + non grid)	**4,625,789**	**4,024,436**	**19%**
Electricity renewables	875,431	0	
Residual electricity	3,750,258	4,024,436	
Exported on-site generated electricity	**0**	**0**	
Emission footprint ($kgCO_2$-e)		4,024,436	

Total renewables (grid and non-grid)	**18.93%**
Mandatory	**18.93%**
Voluntary	**0**
Behind the meter	**0**
Residual electricity emission footprint (tCO_2-e)	**4,024**

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	4,625,789	4,533,273	508,837
QLD	0	0	0
NT	0	0	0
WA	0	0	0
TAS	0	0	0
Grid electricity (scope 2 and 3)	**4,625,789**	**4,533,273**	**508,837**
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	**4,625,789**	**4,533,273**	**508,837**

Emission Footprint (tCO_2-e)	**5,042**
Scope 2 Emissions (tCO_2-e)	4533
Scope 3 Emissions (tCO_2-e)	509

Climate Active Carbon Neutral electricity summary

Carbon Neutral electricity offset by Climate Active product	Activity Data (kWh)	Emissions ($kgCO_2$-e)
N/A	**0**	**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
NA	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.

Employee commuting has been excluded and assessed as not relevant according to relevance test. Hansen currently has a hybrid working arrangement and most of the staff work from home. This arrangement applied to the reporting period FY 2020-21 as well and hence, emissions from this source were not large relative to the organisation's electricity, stationary energy and fuel emissions. Hansen has no authority to require staff to commute to work in any particular manner and does not expect stakeholders to deem this emission source relevant.

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

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