

PUBLIC DISCLOSURE STATEMENT

HESTA

ORGANISATION CERTIFICATION FY2020–21

Australian Government

Climate Active Public Disclosure Statement





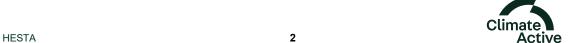


NAME OF CERTIFIED ENTITY	HESTA
REPORTING PERIOD	1 July 2020 – 30 June 2021 (arrears report)
DECLARATION	To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.
	Debby Blakey CEO Date
	Jun 4, 2022



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



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1991 tCO ₂ -e
OFFSETS BOUGHT	85.79% ACCU's 14.21% CERs
RENEWABLE ELECTRICITY	Total renewables 0%
TECHNICAL ASSESSMENT	Date 19/11/2021 Name John Hutchinson Organisation Eden Suite Next technical assessment due: 19/11/2024

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Climate Active certification covers the Trustee as explained in the organisation description below. The Trustee uses an operational control approach consistent with the requirement under the National Greenhouse and Energy Reporting Act 2007 as well as the Greenhouse Gas Protocol (GHG Protocol). An organisation is considered to have operational control over a facility if they have the authority to introduce and implement any of the following for the facility:

At HESTA we're committed to reducing our environmental impact today for a better tomorrow."

- operating policies
- 2. health and safety policies; or
- 3. environmental policies.

The implementation of the above policies in leased premises is to a certain extent governed by the policies of the building owners/operators.

Organisation description

HESTA (ABN 64 971 749 321) is an industry superannuation fund, with more than 900,000 members and \$64 billion in assets. The Trustee of the Fund is H.E.S.T. Australia Limited ('Trustee'). For the purposes of this report, we will only include the Trustee's operational costs. This does not include funds under management.

The Trustee leases office space in each state and territory throughout Australia, with its national office in Melbourne. Most employees work at the national office, including the investment and supporting administrative teams, while the interstate offices predominantly house member engagement and advice teams. This certification is for the Australian business operations of H.E.S.T. Australia Limited ('Trustee').



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 HESTA'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.

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Outside emission Inside emissions boundary boundary **Excluded** Quantified Non-quantified Investments Petrol in vehicles NIL Refrigerants Computer and electrical Electricity Air travel components Base building refrigerants Hotel stays Computer and technical Data centre activity services Outsourced FTE Electricity and petrol (indirect Office equipment emissions) repairs Electricity, natural gas, diesel oil (base building) Office Furniture Paper Staff commuting Education and training Staff WFH Waste Subscriptions & Water periodicals Taxis Food and catering Marketing and Venue hire distribution Postage IT waste Advertising & Promotion Insurance and retirement services Photographic services

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.



Rental vehicles

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

The Trustee has a proposed target of reducing its emissions by 45% by 2030 from its 2018-19 baseline. To achieve this, the Trustee will continue working to reduce its impact on the environment by transitioning business operations to be more sustainable. For example, by endeavouring to replace its hybrid fleet with electric vehicles, implementing video conferencing, and addressing its procurement processes. Furthermore, HESTA has executed a 'green lease' for its national office and will be completing the fit-outs for two new levels to a 5 star Green Star standard.

Additionally, the Trust has implemented a Climate Immersion program for all HESTA employees, creating a culture where sustainability is a driving force for change within the organisation and beyond to its investment portfolio and stakeholders.

To that end, in September 2021 HESTA became the first Australian signatory of the <u>Paris Aligned Asset Owners Group</u>. This investor-led global forum supports investors in aligning their portfolios and activities with the goals of the Paris Agreement, giving HESTA members the opportunity to back net zero businesses across the globe. HESTA believes this group will accelerate the pace towards a carbon-free economy.

HESTA has also met with Climate Active to discuss the possibility of offsetting our funds under management for our Sustainable Growth option and has begun working on this project in FY2021-22.

HESTA's data gathering has also become much more sophisticated, with all Trustee operational expenditure analysed with an eye to reporting all relevant carbon emissions. As such, HESTA's expanding emissions boundary this year triggered a base-year recalculation and its revised yearly carbon footprint has doubled.

But in the second year of COVID-19, with a full year of closed borders and staff mostly working from home, HESTA's footprint in 2020-21 decreased by 37%. Beyond air travel, COVID-19 curtailed HESTA's hotel stays, staff commute, food and catering, and car usage.

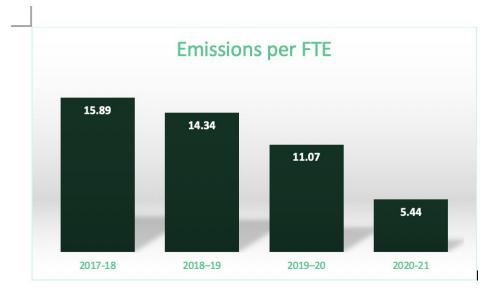
COVID-19 has clearly illustrated the impact of business travel and associated costs and HESTA is exploring new ways of working to avoid a carbon offset price shock once the world opens up to business as usual.

However, there is more to this story.

While HESTA's carbon footprint has hovered around 3000 tCO₂-e a year since its first Climate Active report in 2017-18, its staffing has increased up to 100 per cent, with all the increased resources associated: more office space, travel, commutes, hardware, technology, electricity et cetera, including working from home costs. But we are proud to report that HESTA's net emissions per FTE have halved since 2017-18, as seen in the chart below. It demonstrates a successful, decade-long emissions reduction strategy within Trustee operations. This is extremely gratifying and proves that sustainable growth is achievable.

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One of the biggest carbon savings has been achieved by switching to carbon neutral electricity in our South Australian and Victorian offices, and with the base building at HESTA's national office in Melbourne becoming carbon neutral in November 2020 under ISPT management. These steps have reduced HESTA's electricity carbon footprint by half. HESTA is now looking to switch to carbon neutral energy across its offices and is also encouraging its landlords to transition to a carbon neutral model.

Emissions reduction action

HESTA has been active in the net-zero space since 2016, implementing a sustainability working group focused on a broad set of initiatives to lower emissions within the office and beyond, to the homes and habits of its employees.

In the office, these initiatives include implementing digital signatures and reports to reduce paper use; halving the number of printers at the national office; signing up to NABERS-rated green office leases; switching to a hybrid car fleet; meeting a 5-star Green Star building standard for all refurbishment works undertaken, employing sustainability experts to rate and recommend all building materials, furniture and IT to reach the 5-star rating.

To engage staff beyond the office HESTA has run education sessions on composting, climate change and energy efficiency in the home, and encourages participation in all manner of sustainability forums, conferences and projects, such as the Carbon Market Institute's webinars and CitySwitch initiatives.

This year, HESTA has undertaken a financial analysis to identify its material emission stakeholders such as data centres and IT. The sustainability team has met with these partners to firstly understand HESTA's share of their carbon emissions so we can account for those emissions and then encourage and guide our partners on their journeys to a carbon-neutral business model. These actions have been met with enthusiasm, especially as valued stakeholders of a fund leading the way to a net-zero economy. It has also given HESTA a clearer picture of where the carbon emissions in its supply chain are highest and how it can reduce these emissions. HESTA aims to build a community where sustainability is a top priority and will seek out partners to achieve this goal.

Meanwhile, in a year of COVID-19 shutdowns, like every other business, HESTA has reassessed its need for travel to the office and beyond. We are testing flex time in 2022 for staff to split their working week 50-50 between home and office, and flexi-desking where possible, making the most of office space. This will have a long-term impact on travel expenditure and energy usage per FTE within the office.

Moving forward, HESTA's emissions reduction focus in 2021-22 will be to encourage partner participation in their net-zero journeys, particularly postage and freight, electricity, and accommodation, and to provide further staff education and encouragement to lower emissions while working from any location.



5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year					
		Total tCO ₂ -e			
Base year/Year 1:	2017-18	2901.61			
Year 2:	2018–19	3293.32			
Year 3:	2019–20	3176.76			
Year 4	2020-21	1990.14			

Significant changes in emissions

Emissions have fallen 37% in part due to Covid lockdowns and aviation shutdowns, and would have fallen further if not for a 28% increase in FTE and the identification and inclusion of new emission sources including:

- Mailing services: parcels, postal and courier
- Accommodation and venue hire
- Food & catering
- Building and facility maintenance and repair services
- Telecommunications
- Computer equipment
- Cleaning Services
- Outsourced FTE
- Office equipment
- Inert waste
- Working From Home

Emission source name	Current year (kgCO2e)	Previous year (kgCO2e)	Detailed reason for change
Electricity	195,591.96	344,300.10	Switched to Carbon neutral electricity for VIC and SA offices
Paper usage	115,117.81	176,551.00	Less publications required due to more online conferencing and member engagement
Postage and Couriers	813,293.54		New emission source added due to Scope 3 investigation
Accommodation and venue hire	260,939.88		New emission source added due to Scope 3 investigation



Food & catering	131,126.46		New emission source added due to Scope 3 investigation
Building and facility maintenance and repair services	73,271.71		New emission source added due to Scope 3 investigation
Telecommunications	63,052.05		New emission source added due to Scope 3 investigation
Computer equipment	28,684.19		New emission source added due to Scope 3 investigation
Cleaning Services	25,715.80		New emission source added due to Scope 3 investigation
Outsourced FTE	10,372.58		New emission source added due to Scope 3 investigation
Office equipment	5,401.87		New emission source added due to Scope 3 investigation
Inert waste	-		New emission source added due to Scope 3 investigation
Working From Home	-27,148.40		New emission source added due to COVID
Powershop Electricity	0 (148118.76 kWh)	0 (17790.17 kWh)	Increase in office size and last year only partial electricity purchased for VIC office was Powershop

Use of Climate Active carbon neutral products and services

HESTA has signed up to Powershop, providing carbon neutral electricity to its Melbourne and Adelaide offices. It is also encouraging all of its employees and stakeholders to make the change to carbon neutral energy via Climate Active certified products such as Powershop.



HESTA's Melbourne office is housed in an ISPT managed building and ISPT have themselves obtained Carbon Neutral accreditation for that and other buildings they manage.

HESTA is now investigating the use of Zilch as a courier/parcel service to reduce the emissions associated with this newly identified source.

Organisation emissions summary

HESTA

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a location-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	272.52	272.52
Air Transport (km)	0	0	45.28	45.28
Outsourced FTE	0	0	11.39	11.39
Carbon neutral products and services	0	0	0	0
Cleaning and Chemicals	0	0	25.72	25.72
Construction Materials and Services	0	0	73.27	73.27
Electricity	0	195.59	0	195.59
Powershop Electricity	0	0	0	0
Food	0	0	131.13	131.13
ICT services and equipment	0	0	91.74	91.74
Land and Sea Transport (fuel)	38.31	0	2.04	40.35
Land and Sea Transport (km)	0	0	173.92	173.92
Office equipment & supplies	0	0	120.52	120.52
Postage, courier and freight	0	0	813.29	813.29
Refrigerants	0	0	5.64	5.64
Stationary Energy	4.49	0	0.96	5.45
Waste	0	0	10.35	10.35
Water	0	0	1.10	1.10
Working from home	0	0	-27.13	-27.13
Grand Total	42.80	195.59	1751.74	1990.14



6.CARBON OFFSETS

Offsets strategy

Off	fset purchasing strategy: In arrears	
1.	Total offsets previously forward purchased and banked for this report	208
2.	Total emissions liability to offset for this report	1991
3.	Net offset balance for this reporting period	1783
4.	Total offsets to be forward purchased to offset the next reporting period	0
5.	Total offsets required for this report	1991

Note: Figure rounded up to the nearest whole number as advised by Pangolin Group

Co-benefits

The Trustee's offset portfolio this reporting period comprises:

- 500 units of Arnhem Land Fire Abatement offsets
- 1000 units of Human-Induced Regeneration offsets
- 283 units of Certified Emissions Reductions from renewable energy projects in India
- 208 units of ACCUs from the previous reporting period

The Arnhem Land Fire Abatement (25% of offsets)

Arnhem Land in the Northern Territory is prone to extreme, devastating wildfires that affect the landscape, people, plants and animals. These projects are owned exclusively by Aboriginal people with custodial responsibility for those parts of Arnhem Land under active bushfire management. Local rangers conduct controlled burns early in the dry season to reduce fuel on the ground, preventing bigger, hotter and uncontrolled wildfires later in the season.

The projects provide employment and training opportunities for local rangers while supporting Aboriginal people in returning to, remaining on and managing their country. Communities are supported in the preservation of knowledge and the maintenance of Aboriginal languages.

Human-Induced Regeneration (50% of offsets)

Located in New South Wales and Queensland, these carbon farming projects work with landholders to regenerate and protect native vegetation. The projects help improve marginal land, reduce salinity and erosion and provide income to farmers. Widespread land clearing has significantly impacted local ecosystems. This degradation and loss of plant species threatens the food and habitat on which other native species rely. Clearing allows weeds and invasive animals to spread and affects greenhouse gas emissions. The project areas harbour a number of indigenous plant species which provide important habitat and nutrients for native wildlife. By erecting fencing and actively managing invasive species, the project avoids emissions caused by clearing and achieves key environmental and biodiversity benefits.

Certified Emissions Reductions (14% of offsets)

In India, windfarms introduce clean energy to the grid which would otherwise be generated by coal-fired power stations. Wind power is clean in two ways: it produces no emissions and also avoids the local air



pollutants associated with fossil fuels. Electricity availability in the regions have been improved, reducing the occurrence of blackouts across India.

Previously purchased offsets (11% of offsets)
These offsets were Arnhem Land Fire Abatement offsets purchased last year.



Offsets summary

Proof of cancellation of offset units

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 (%)
Barcheka, NSW, carbon farming and regeneration	ACCUs	<u>ANREU</u>	13 Dec 2021	3,805,702,330 - 3,805,703,329	2020-21	1000	0	0	1000	50.2%
Enercon Wind Farms Karnataka, India	CERs	ANREU	13 Dec 2021	200,849,251 - 200,849,533	CP2 (2020- 2021)	283	0	0	283	14.2%
Arnhem Land Fire Abatement	ACCUs	ANREU	19/11/20	3,785,076,654 – 3,385,078,226	2018-19	1573	1365	0	208	10.4%
Arnhem Land Fire Abatement	ACCUs	ANREU	13 Dec 2021	8,329,074,384 - 8,329,074,883	2020-21	500	0	0	500	25.1%
Total offsets retired this report and used in this report									1991	
Total offsets retired this report and used in this report Total offsets retired this report and banked for future reports 0								1991		



Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCUs)	1708	85.79%
Certified Emissions Reductions (CERs)	283	14.21%



7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

Not Applicable to HESTA

1. Large-scale Generation certificates (LGCs)*

2. Other RECs

^{*} LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
				Total I GCs surrendered t	his renort and use	d in this report			



APPENDIX A: ADDITIONAL INFORMATION

Not Applicable to HESTA



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 (kgCO2-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)	666	0	0
Jurisdictional renewables (LRET) (applied to ACT grid electricity) Large Scale Renewable Energy Target	155	0	0%
(applied to grid electricity only) Residual electricity	43,803	0	19%
Total grid electricity	187,652 232,277	201,366 201,366	0% 19%
Total electricity consumed (grid + non grid)	232,277	201,366	19%
Electricity renewables	44,624	0	
Residual electricity	187,652	201,366	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)		201,366	

Total renewables (grid and non-grid)	19.21%
Mandatory	19.21%
Voluntary	0.00%
Behind the meter	0.00%
Residual electricity emission footprint (tCO ₂ -e)	201

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

Location-based approach summary



Location-based approach	Activity data (kWh)	Emissions (kgCO ₂ -e)	
ACT	822	739	
NSW	158,693	142,824	
SA	14,348	7,461	
Vic	11,957	13,034	
Qld	16,712	15,542	
NT	969	669	
WA	19,682	13,777	
Tas	9,093	1,546	
Powershop	0	0	
Grid electricity (scope 2 and 3)	232,277	195,592	
ACT	0	0	
NSW	0	0	
SA	0	0	
Vic	0	0	
Qld	0	0	
NT	0	0	
WA	0	0	
Tas	0	0	
Non-grid electricity (behind the meter)	0	0	
Total electricity consumed	232,277	195,592	
Emission footprint (tCO ₂ -e)	196		

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
Powershop	280,989	0

Climate Active carbon neutral electricity is not considered renewable electricity. The emissions have been offset by another Climate Active carbon neutral product certification.



APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

HESTA has no non-quantified emission sources



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:

- <u>Size</u> The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
- 2. <u>Influence</u> 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.
- 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.

The emissions sources outlined in the table below have been excludes as they have been assessed as not relevant according to the relevance test:

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
Investments	Yes	No	No	No	No	No
Computer and technical services	No	No	No	No	No	No
Office equipment repairs and maintenance	No	No	No	No	No	No
Office Furniture	No	No	No	No	No	No
Education and training	No	No	No	No	No	No
Subscriptions & periodicals	No	No	No	No	No	No
Marketing and distribution	No	No	No	No	No	No
Advertising & Promotion	No	No	No	No	No	No



Insurance and retirement services	No	No	No	No	No	No
Photographic services	No	No	No	No	No	No
Rental Vehicles	No	No	No	No	No	No





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