



PUBLIC DISCLOSURE STATEMENT

ESSENCE PROJECT MANAGEMENT

ORGANISATION CERTIFICATION

FY2020-21 (TRUE-UP)

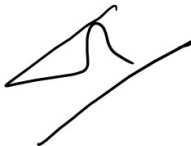
Australian Government
Climate Active
Public Disclosure Statement

essence



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Essence Project Management
REPORTING PERIOD	True-up for financial year 1 July 2021 – 30 June 2022
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>David Radford Director Date 04/04/22</p>



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	118.8 tCO ₂ -e
OFFSETS BOUGHT	11.6% CERs 46.2% ACCUs 42.0% VERs
RENEWABLE ELECTRICITY	18.9%
TECHNICAL ASSESSMENT	Name: Madlen Jannaschk Organisation Cundall Johnston & Partners Next technical assessment due: NA

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Australian business operations of Essence Project Management, ABN 51 612 294 827, are certified as a Climate Active Carbon Neutral Organisation.

Organisation description

Formed in 2016, Essence has 29 employees in their offices in Sydney and Melbourne. Essence have led many iconic landmark developments in Sydney providing tailored bespoke services responding to their customer's needs. This includes a range of management and advisory services across the inception, approvals, design procurement, construction and handover phases.

Essence has a sustainability strategy that includes reducing their carbon footprint and obtaining a certification as a Climate Active Carbon Neutral Organisation.

“Climate Active is important component of our strategy to minimise the direct negative impact of our own business activities”

3. EMISSIONS BOUNDARY

Inside the emissions boundary

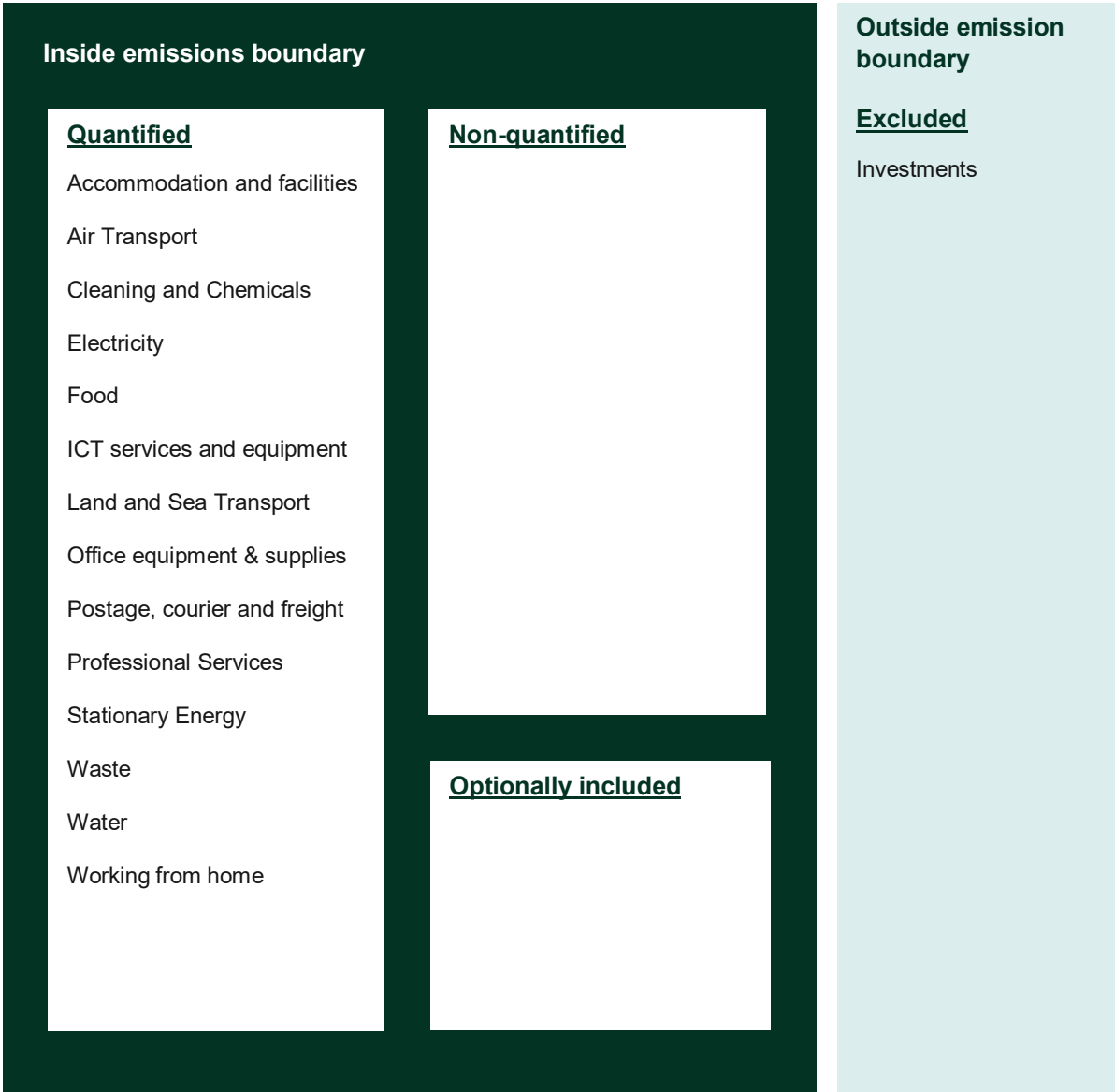
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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 in 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 in 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

Essence is committed to developing a detailed emission reduction strategy over the next two years.

Reduction target is: 20% over 5 years, 30% over ten years.

Possible actions to achieve the target above that are being explored are:

- Purchase more carbon neutral products and services
- Encourage a paperless office by discouraging printing unless absolutely necessary
- Undertake a waste audit and monitoring waste streams to understand their extent and impact.
- Reduce the electricity use within rented space by adopting some of the following measures
 - o Installing motion sensors to ensure that lights only remain on when space is in use
 - o Installing efficient LED lighting
 - o Using low energy computer equipment
 - o Ensuring staff to switch off of computers overnight (e.g. installing power saving applications on staff computers)
- Conduct a travel survey for staff members to monitor commuting emissions
- Allowing staff to work from home to reduce emissions associated with commuting
- Conducting more meetings online to reduce emissions associated with commuting
- Encouraging the use of public transport or bike use for commutes and for site visits.
- Removing personal waste, paper bins and encouraging staff to individually reduce their waste impact.
- Aim to make purchasing decisions based on carbon footprint of supplier. Encouraging current suppliers to explore carbon neutrality.

Emissions reduction actions

The following emissions reduction actions were taken in the previous reporting period:

- Procurement of Carbon Neutral Power
- Prepared and implemented green travel plan for all employee travel
- Minimised use of air travel through alternative communications methods

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base year:	2019–20	104.1
Year 1:	2020–21	118.8

Significant changes in emissions

Emissions have generally risen since the previous reporting year because of business needs during COVID lockdowns, workforce growth and an office move.

Detailed reasons for significant changes associated with sources accounting for more than more than 5% of total emissions are outlined in the table below.

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	16.7	19.8	Increased supply of carbon neutral electricity
IT equipment	11.2	3.9	Home office needs during covid and increased online meetings
Office Furniture	23.9	1.5	Due to office move
Legal Services	9.8	1.8	Use of externals across corporate and inherent business need this year
Medium car: unknown fuel	24.1	22.93	Increased number of employees
Computer and technical services'	8.37	3.39	Home office needs during covid and increased online meetings

Use of Climate Active carbon neutral products and services

Electricity sourced from Powershop

Organisation emissions summary

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

The previous report was a projection report using representative data to estimate the emissions for the reporting year. This table shows the differences between the projected emissions and the actual emissions recorded.

Emission category	Projected emissions (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Accommodation and facilities	1.1	1.18
Air transport (km)	10.6	2.44
Cleaning and chemicals	1.1	0.69
Electricity	19.8	16.65
Food	0.2	0.55
Horticulture and agriculture	0	0.00
ICT services and equipment	11.8	24.90
Land and sea transport (fuel)	0	0.00
Land and sea transport (km)	28.2	30.66
Machinery and vehicles	0	0.00
Office equipment & supplies	5.3	25.98
Postage, courier and freight	0.2	0.73
Professional services	15.8	16.87
Stationary energy	0.6	0.71
Waste	1.1	1.49
Water	0.1	0.27
Working from home	0	-10.01
Total net emissions	95.9 tCO₂-e	113.1 tCO₂-e
Difference between projected and actual		17.2 tCO₂-e

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 factor added for assumptions made	5%
<i>Total footprint to offset (uplift factors + net emissions)</i>	118.8

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: Forward purchasing

1. Total offsets previously forward purchased and banked for this report	105
2. Total emissions liability to offset for this report	119
3. Net offset balance for this reporting period	+14
4. Total offsets to be forward purchased to offset the next reporting period	119
5. Total offsets retired for future reporting period use	133

Co-benefits

TRUE-UP OFFSETS

These offsets are used to fund a wind turbine farm in Gangwon, Korea. The project will help to preserve natural resources; to develop green technology, and to grow local skills which will support sustainable economic growth in the area.

The objectives of this project, which are being supported by these offsets, are to cultivate, support and promote the research and development of new renewable energy sources, with one of the key renewable technologies listed being wind. Additionally, by minimising the dependence on fossil fuel imports, this project will help to create supply the domestic market with sustainable resources.

These offsets will further support the local community. Engineers initially deployed to establish the works will handover to local engineers who will additionally be supported with training.

PROJECTED OFFSETS

Offsets applied in the projection report support indigenous communities in programs including:

- Strategic and planned burning of savanna areas in high rainfall zones to reduce the risk of late dry season wildfires that emit large amounts of greenhouse gases
- Protection of regionally and culturally important, biodiversity-rich land through vegetation monitoring and mapping, fencing, pest and weed control

Income from these programs seeks to support sustainable livelihood opportunities in:

- Meeting community economic, environmental, and cultural needs
- Protecting biodiversity values of national significance by mitigating ecosystem degradation
- Transferring traditional ecological knowledge
- Protecting important assets such as plantation forests and cultural and sacred sites

- Protecting local flora and fauna through removal of weeds which produce high fuel loads
- Essence also supports communities in the development of localised renewable energy solutions, ecosystem protection and biodiversity enhancement.

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 (%)
Tiwi Islands Savanna Burning for Greenhouse Gas Abatement	KACCU	ANREU	15/12/20	ERF 10504, Serial Range: 3,772,968,925 – 3,772,968,979 (Refer to screenshot in Appendix 3 for registry transaction record)	2018-19	55	55 (projected)	0	55	46.2%
Mount Sandy Conservation, South Australia Stapled to: InfraVest Changbin and Taichung bundled Wind Farms Project - Taiwan	ABU	Gold Standard	17/12/20	2019/4003-VOL001-17011 to 2019/4003-VOL001-17060	2020	0				
	VER		16/12/20	GS1-1-TW-GS472-12-2017-6457-122503-122552 https://registry.goldstandard.org/credit-blocks/details/147650	207	50	50 (projected)	0	50	42.0%

Gangwon Wind Park Project	CER	UN Carbon Offset Platform	16/11/21	Start serial number: KR-5-122265008-2-2-0-222 End serial number: KR-5-122265154-2-2-0-222 https://offset.climateneutralnow.org/vchistory/details?orderId=21286	CP2	147	0	133	14	11.8%
Total offsets retired this report and used in this report								119		
Total offsets retired this report and banked for future reports								133		
Type of offset units		Quantity (used for this reporting period claim)				Percentage of total				
Certified Emissions Reductions (CERs)		14				11.8%				
Australian Carbon Credit Units (ACCU)		55				46.2%				
Verified Emissions Reductions (VERs)		50				42.0%				

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

N/A

APPENDIX A: ADDITIONAL INFORMATION

N/A

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 % of total
Large Scale Renewable Energy Target (applied to grid electricity only)	3,622	0	19%
Residual electricity	15,517	16,651	0%
Total grid electricity	19,139	16,651	19%
Total electricity consumed (grid + non grid)	19,139	16,651	19%
Electricity renewables	3,622	0	
Residual electricity	15,517	16,651	
Exported on-site generated electricity	0	0	
Emission footprint (kgCO ₂ -e)		16,651	

Total renewables (grid and non-grid)	18.93%
Mandatory	18.93%
Voluntary	0.00%
Behind the meter	0.00%
Residual electricity emission footprint (tCO₂-e)	17

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	0	0
NSW	17,159	15,443
SA	0	0
Vic	1,980	2,158
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	19,139	17,601
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	19,139	17,601
Emission footprint (tCO₂-e)	18	

Climate Active carbon neutral electricity summary

Carbon neutral electricity offset by Climate Active product	Activity data (kWh)	Emissions (kgCO ₂ -e)
Powershop	3,588	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

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?
Investments	No	Yes	No	No	No	No



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