PUBLIC DISCLOSURE STATEMENT

SUSTAINABLE SAVINGS PTY LTD

ORGANISATION CERTIFICATION
CY 2020

Australian Government

Climate Active Public Disclosure Statement

Sustainable Savings

An Australian Government Initiative

Climate Active

NAME OF CERTIFIED ENTITY: Sustainable Savings Pty Ltd

REPORTING PERIOD: Calendar year 1 January 2020 – 31 December 2020

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.

Signature  Date: 19 August 2021

Name of Signatory Matthew Curnow

Position of Signatory Managing Director

Australian Government

Department of Industry, Science, Energy and Resources

Version number February 2021

1. CARBON NEUTRAL INFORMATION

Description of certification

This certification is for the Australian business operations of Sustainable Savings Pty Ltd (ABN: 21 604 401 103); it excludes the equipment installed by, and the operations of its contractors. The base year is the same as the first certification year, CY2019. This is the second year of certification.

Organisation description

Sustainable Savings was formed in 2015 with the aim of implementing proven solutions for reducing negative environmental impacts. We design and provide holistic energy solutions, including energy efficiency measures, solar PV, and billing optimisation. Our child company, Energy Buster, established in 2019, focusses on the residential and small business (SME) markets for these solutions. We also set up and manage embedded networks under Utility Shop branding. The emission boundary in this document is for the business operations of Sustainable Savings only. Climate Active certification for the operations of Energy Buster began for CY2020.

Our office is located in Adelaide, South Australia. Whilst we have capability in other states through the engagement of contractors, we no long longer have any staff.

"Climate Active certification provides independent verification of our ongoing commitment to environmental responsibility."

2. EMISSION BOUNDARY

Diagram of the certification boundary

This is a small organisation certification, which uses the standard Climate Active small organisation emissions boundary.

Quantified

Paper
Water
Business travel & accommodation
Freight & postage
Staff commute to work
Staff working from home
Waste & recycling
Electricity
Transport fuels
Food & catering
Telecommunications
IT Equipment
Printing & Stationery
Staff Clothing
Advertising
Fridge Refrigerant

Non-quantified

AC Refrigerant

Excluded

Equipment installed for clients, such as luminaires, power factor correction units, and PV system componentry

Operations of contractors

Non-quantified sources

The emission source below has not been quantified. The impact of excluding this source is not expected to materially affect the organisation's overall emissions.

- Refrigerant loss volumes for the Air Conditioning unit were not available; however, being a small unit on an office site, the associated emissions would be immaterial therefore can be non-quantified.

Data management plan

It is not anticipated that the air-conditioner's refrigerant charge or recharge volumes will become available as we are not responsible for the unit (occupying a leased space within a larger facility). As this is an immaterial emission source it can continue to be non-quantified; however, this information is requested from the landlord for each year's inventory in case it can be provided for completeness.

Excluded sources (outside of certification boundary)

The emission sources below have been excluded from this certification boundary. See Appendix 1 for details of the Relevance Test.

- Equipment installed for clients, such as luminaires, power factor correction units, and PV system componentry have been excluded as they have been assessed as not relevant according to the relevance test.
- Operations of contractors have been excluded as they have been assessed as not relevant according to the relevance test.
- Natural gas and stationary fuels are deemed relevant emission sources under the Climate Active standard; however, we do not use these and as such they have not been included in PDS or carbon inventory.

"Climate change is the greatest threat to our planet's environmental systems and reversing this damage requires everyone minimise their footprint. Sustainable Savings is committed to taking action and supporting others to do the same."

3. EMISSIONS SUMMARY

Emissions reduction strategy

Emission reduction is inherent in our organisation. Our core activity is the provision of holistic energy efficiency and solar photovoltaic solutions to businesses of all sizes. We have applied this same approach to our own operations. The head office is a rented area in a larger building, and we conducted such an upgrade building-wide in 2014: Halogen downlights, fluorescent tubes and shoplighter fittings were all replaced with their low-consumption LED analogues. An economiser was installed on the HVAC unit for the downstairs area. Soft starters were installed on both of the building's HVAC units, along with sub-metering to monitor their impact. A 30kW solar PV system was then installed.

The waste management system for the organisation is continuously being refined. It has been upgraded from a two-bin landfill and comingled recycling system, to one also incorporating soft plastic collection (for return to REDcycle supermarket bins) and kitchen organics diversion. Batteries, pens, e-waste, and other such items are also collected separately and taken to their respective dedicated collection points for recycling. Diversion of Styrofoam waste from landfill is incompletely implemented due to the low volumes encountered and the distance at which collection points are located; the situation is reassessed periodically.

Purchasing is limited to essential items, and the most efficient and recyclable options are selected. The vehicles recently bought for the sales team and by directors were hybrids.

Staff are encouraged to have energy efficient behaviours in their day-to-day activities. Lighting, screens and appliances are turned off at the wall when not in use, and automatic sleep/standby timeout is set on all laptops as backup. Air conditioner set-points are put at a minimum of 23 degrees in summer and a maximum of 23 degrees in winter to limit the temperature differential the system has to maintain.

All stakeholders are supported and encouraged to reduce the negative environmental impacts of their activities. This includes those throughout our supply chain, our customers, contractors and our staff in their wider lives.

The sales process currently involves paper-based proposals and documentation. Initiatives are currently being pursued to transition a majority of this to digital presentations. It was envisioned that much of this would be in place by the end of this reporting period; however, the phasing out of the paper materials is still in progress.

Transitioning catering to be plant-based is a long-term initiative, with buy-in slowly being developed. Soymilk has been made available at the office, and staff are encouraged to consider the impacts of animal-based industries.

Sustainable Savings recognises the importance of purchasing 100% green energy. Whilst it is a goal for the premises to be powered in this way, being a tenant and thus not having direct control over this means this has not been arranged yet.

Emissions over time

Gross emissions have dropped by 58% compared to the previous (and first) reporting period. This is largely due to splitting the organisation's operations between itself and its child company. The global pandemic also reduced interstate business travel, and the associated emissions, down to zero. The only new emission source category this year was "working from home".

Table 1

Emissions since base year		
	Base year: CY 2019	Current year Year 1: CY 2020
Total tCO_2-e	148.2	62.2

Emissions reduction actions

Three emission sources that each make up >5% of the inventory increased due to company growth; these were Computer equipment, Printing & Stationary, and Staff commute via car. Road freight is the largest emission source, at 52% of the inventory, and has dropped 70% on the previous year due to splitting operations with the organisation's child company. Flights and accommodation dropped to zero as a result of Covid-19 restrictions.

Table 2

Emission source	**Previous reporting period**		**This reporting period**		**% change from previous year activity data**	**% Contribution to inventory**	**Reason for change**	**Detailed reason for change**
	Activity Data	**Total Emissions (kg CO2e)**	**Activity Data**	**Total Emissions (kg CO2e)**				
Domestic hotel 3 Stars	25	945.2	0	0	-100%	0%	natural disaster	Covid -19
Long economy class flights (>3,700km)	16884.9	2806.6	0	0	-100%	0%	natural disaster	Covid -19
Short economy class flights (>400km, ≤3,700km)	2566.28	443.4	0	0	-100%	0%	natural disaster	Covid -19
Very short flights (≤400km)	490	79.7	0	0	-100%	0%	natural disaster	Covid -19

Computer equipment ($)	20774.3	3706.7	32635.8	5823.1	57%	10%	organic growth	Company growth, new employees
Printing and stationery ($)	1074.1	776.9	5489	3970.2	411%	7%	organic growth	Company growth, new employees
Road freight ($)	47594.0	102518.5	14296.7	30795.5	-70%	52%	organic growth	Company split Sustainable and Energy Buster
Medium Car: unknown fuel (km)	31638.8	5717.4	37661	6617.4	19%	11%	organic growth	Company growth, new employees

Emissions summary (inventory)

Table 3

Emission source category	tonnes CO_2-e
Postage, courier and freight	30.8
Land and Sea Transport (km)	7.0
ICT services and equipment	6.2
Office equipment & supplies	4.4
Electricity (location based)	2.5
Professional Services	1.9
Food	1.9
Waste	1.7
Land and Sea Transport (fuel)	1.5
Working from home	0.9
Refrigerants	0.3
Water	0.2
Total Net Emissions	59.3

Uplift factors

Table 4

Reason for uplift factor	tonnes CO_2-e
5% (compulsory small org uplift)	3.0
Total footprint to offset (uplift factors + net emissions)	62.2

Carbon neutral products

Whilst some of the paper used is certified under the Climate Active program (Reflex brand, 100% recycled), the remainder was from a brand that is carbon offset under ClimatePartner's Climate Neutral program. As the split could not be established, the emissions from all paper consumption were included in the inventory.

Electricity summary

Electricity was calculated using a location -based approach.

Market-based approach summary
Table 5

Market-based approach	Activity Data (kWh)	Emissions ($kgCO_2$-e)	Renewable %
Behind the meter consumption of electricity generated	0	0	0.0%
Total non-grid electricity	**0**	**0**	**0.0%**
LGC Purchased and retired (kWh) (including PPAs)	0	0	0.0%
GreenPower	0	0	0.0%
Jurisdictional renewables	0	0	0.0%
Residual Electricity	3,935	4,242	0.0%
Large Scale Renewable Energy Target (applied to grid electricity only)	942	0	19.3%
Total grid electricity	**4,876**	**4,242**	**19.3%**
Total Electricity Consumed (grid + non grid)	**4,876**	**4,242**	**19.3%**
Electricity renewables	942	0	
Residual Electricity	3,935	4,242	
Exported on-site generated electricity	**0**	**0**	
Emission Footprint ($kgCO_2$-e)		4,242	

Emission Footprint (tCO_2-e)	**4**
LRET renewables	**19.3%**
Voluntary Renewable Electricity	**0.0%**
Total renewables	**19.3%**

Location-based approach summary
Table 6

Location-based approach	Activity Data (kWh)	Emissions ($kgCO_2$-e)
ACT	0	0
NSW	0	0
SA	4,876	2,536
Vic	0	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	**4,876**	**2,536**
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	**4,876**	**2,536**

Emission Footprint (tCO_2-e)	**3**

4. CARBON OFFSETS

Offsets strategy

Table 7

Offset purchasing strategy: Offsets are purchased and retired in arrears at the end of each reporting period.	
1. Total offsets previously forward purchased and banked for this report	Zero
2. Total emissions liability to offset for this report	63 tCO_2-e
3. Net offset balance for this reporting period	63 tCO_2-e
4. Total offsets to be forward purchased to offset the next reporting period	Zero
5. Total offsets required for this report	63 tCO_2-e

Co-benefits

20 MWAC (22 MWDC) SKCIL Solar Power Plant Project.

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 SOx, NOx, and SPM associated with conventional thermal power generation facilities.

The project activity involves installation of 20MWAC solar power project in Karnataka. The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 34,462 tCO2e per year, thereon displacing 36,372 MWh/year amount of electricity from the generation-mix of power plants connected to the Indian electricity grid, which is mainly dominated by thermal/fossil fuel-based power plant. Total estimated GHG emission reductions for the chosen 10 year renewable crediting period will be 344,620 tonnes of CO2.

Offsets summary

Proof of cancellation of offset units

Table 8

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 (%)**
20 MWAC (22 MWDC) SKCIL SOLAR POWER PLANT PROJECT	VCU	VERRA	02/06/2021	8607-33719753-33719815-VCS-VCU-1491-VER-IN-1-1854-01042018-30092018-0	2018	63	0	0	63	100%
								Total offsets retired this report and used in this report		63
Total										

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Verified Carbon Units (VCUs)	63	100%

5. USE OF TRADE MARK

Table 9

Description where trademark used	Logo type
Website home page	Certified organisation
Email signatures	Certified organisation
Business cards	Certified organisation
Marketing brochures (A4 and booklet)	Certified organisation
Client proposals	Certified organisation
Digital advertising - mainly: Facebook, Google Adwords, YouTube	Certified organisation

APPENDIX 1

Excluded emissions

To be deemed relevant an emission must meet two of the five relevance criteria. Excluded emissions are detailed below against each of the five criteria.

Table 10

Relevance test					
Excluded emission sources	*The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions*	*The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.*	*Key stakeholders deem the emissions from a particular source are relevant.*	*The responsible entity has the potential to influence the reduction of emissions from a particular source.*	*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.*
Equipment installed for clients, such as luminaires, power factor correction units, and PV system componentry	Yes	No	No	No	No
Operations of contractors	No	Yes	No	No	No

APPENDIX 2

Non-quantified emissions for organisations

To be non-quantified, an emission must meet at least one of the criteria in the non-quantification test. The one non-quantified emission source is detailed below against each of the criteria.

Table 11

Non-quantification test				
Relevant-non-quantified emission sources	*Immaterial <1% for individual items and no more than 5% collectively*	*Quantification is not cost effective relative to the size of the emission but uplift applied.*	*Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.*	*Initial emissions non-quantified but repairs and replacements quantified*
Refrigerant loss volumes for the Air Conditioning unit (or total charge quantity)	Yes	No	No	No

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