PUBLIC DISCLOSURE STATEMENT

BATES SMART ARCHITECTS PTY LTD

ORGANISATION CERTIFICATION
FY2020-21 (TRUE-UP)

Australian Government

Climate Active
Public Disclosure Statement

BATESSMART.

An Australian Government Initiative

Climate Active

NAME OF CERTIFIED ENTITY	Bates Smart Architects Pty Ltd
REPORTING PERIOD	1 July 2020 – 30 June 2021 (True-up)
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.* 
	Simon Swaney Managing Director 29 October 2021

Australian Government

Department of Industry, Science, Energy and Resources

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

1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	1,104.48 tCO_2-e
OFFSETS BOUGHT	45.25% KACCUs, 54.75% CERs
RENEWABLE ELECTRICITY	94.29%

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2. CARBON NEUTRAL INFORMATION

Description of certification

The Climate Active Carbon Neutral certification covers the Australian business operations of Bates Smart Architects Pty Ltd ("Bates Smart"), ABN 68 094 740 986. The operational boundary of the carbon account has been defined based on the operational control approach.

This Public Disclosure Statement represents the reporting period 1 July 2020 to 30 June 2021.

The carbon account has been prepared in accordance with the Climate Active Carbon Neutral Standard for Organisations. This entails using recognised emission factors and methods for carbon accounting published in Australia, such as the National Greenhouse Accounts (NGA) Factors, and the work of the international corporate accounting and reporting standard The Greenhouse Gas Protocol.

The greenhouse gasses included in the carbon account are the seven gasses reported under the Kyoto Protocol: carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF_6) and nitrogen trifluoride (NF_3). These gasses are expressed in carbon dioxide equivalents (CO_2-e), providing the ability to present greenhouse gas emissions as one unit.

"Bates Smart recognise our role to limit the long-term effects of human-induced climate change.

This Climate Active Certification is a transparent demonstration of our commitment to Carbon Neutrality."

Organisation description

Bates Smart was established in Melbourne in 1853. We are a multidisciplinary design firm delivering architecture, interior design, urban design and strategic services across Australia, with a staff of over 250 in studios in Melbourne and Sydney. Our award-winning projects transform the city fabric and the way people use and inhabit urban spaces and built environments.

For more than 165 years we have promoted socially responsible architecture and design. We understand the social and economic forces currently shaping communities and their impact on built environments of the future. Our founders were the innovators of their time, and we are leaders in the debate on how and where we work, meet, live, learn and heal.

3. EMISSIONS BOUNDARY

Inside the emissions boundary

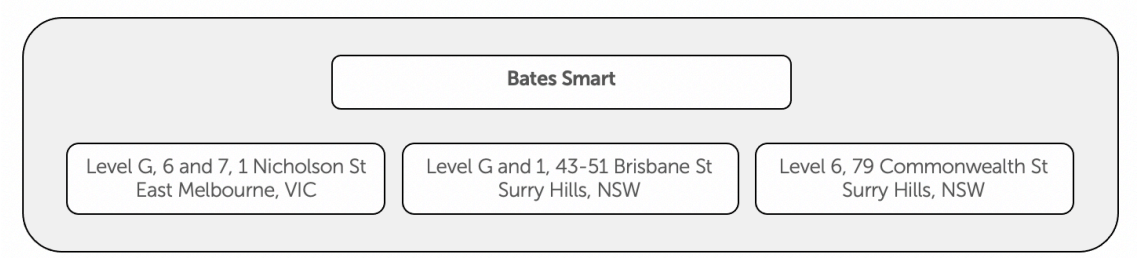
All emission sources listed in the emissions boundary are part of the carbon neutral claim.

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.



Inside emissions boundary

Quantified

Gas
Fuel
Electricity
Working From Home electricity
Air travel
Domestic and international accommodation
Food and catering
Cleaning services
Maintenance and repair
Computer hardware and accessories
ICT applications
ICT services
Telephone and internet
Website
Printing and stationary
Education and training
Entertainment
Rates and taxes
Subscriptions and periodicals
Courier services
Postal services
Business services
Accounting and bookkeeping services
Banking and investment
Legal services
Insurance and retirement services
Photographic services
Public administration and finance services
Security and personal safety
Parking and tolls
Staff commute to and from work
Taxi and Uber and staff travel in own cars
Resources sent to landfill and recycling
Water and Sewage
Office paper

Non-quantified

Refrigerants
Water and Sewage (Our Brisbane Street location only)

Outside emission boundary

Excluded

No exclusions

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

Bates Smart became Climate Active carbon neutral certified for the first time during FY2020-21. Our FY2019-20 actual data was used to calculate our base year carbon inventory which was then used to project our carbon footprint for FY2020-21. The entire carbon footprint in FY2020-21 was considered unavoidable and was 100% carbon offset with the purchase of carbon credits through a forward purchasing strategy. This year's report represents a true-up of the FY2020-21 carbon footprint using actual data for FY2020-21.

During FY2020-21 we have reduced our actual emissions by over 50% when compared to our base year. Measures taken to contain the COVID19 virus including lockdowns and restrictions on travel, together with initiatives to reduce our emissions resulted in significant reductions in our FY2020-21 carbon footprint, in particular travel and office costs. During this time, we have integrated the use of virtual meeting platforms into our business practices and the flexibility of working from home which we will continue to do in the future which will help us to reduce our ongoing carbon emissions.

Going forward our carbon reduction strategy is to reduce our avoidable emissions. We will continue with the initiatives below which were slowed due to the wider impacts of the COVID 19 pandemic:

Energy Consumption

- Implementing a review of our electricity consumption by a qualified energy assessor with a view to identifying opportunities for reduced energy use.

Corporate Travel

- Where travel is unavoidable, carbon offset at the time of travel.

Information & Communication Technology (ICT)

- Identify opportunities to reduce our ICT costs.

Office Paper

- Besides already supporting Climate Active carbon neutral suppliers transition to 100% recycled office paper which is also Climate Active carbon neutral certified.

Emissions reduction actions

We are committed to reducing our carbon footprint and have already implemented reduction initiatives:

- For the full FY2020-21, we have purchased 100% renewable electricity from our utility providers for two of three locations where electricity is billed independently to our rent agreement. Over 95% of our staff are situated at these locations. As a co-benefit, this qualifies us to use the market-based approach when calculating our electricity associated emissions, which shows our investments in renewables from the grid produce a saving to the environment of 581tCO2-e.
- We continued to support Climate Active carbon neutral certified suppliers of office paper.
- In FY2020-21, 87% of our office paper purchased was Climate Active certified carbon neutral paper. We are also using electronic storage of information and have implemented 'Follow-Me' printing and double-sided printing defaults to reduce paper consumption.

- We continue to transition to energy efficient laptops from desktop computers and reviewing our IT parameters to put computers into sleep/hibernate mode.
- We are founding signatories to the ‘Australian Architects Declare Climate & Biodiversity Emergency’ movement that seeks to raise awareness of the climate and biodiversity emergencies and the need for action.
- Our Sustainability Committee continues to identify initiatives that will reduce our carbon footprint.

5.EMISSIONS SUMMARY

Emissions over time

Emissions since base year		
		Total tCO_2-e
Base year:	2019-20	2,270.15
Year 1:	2020-21	1,104.48

Significant changes in emissions

During FY2020-21 measures taken to contain the COVID 19 including lockdowns and restrictions on travel together with the purchase of green energy for a full year has resulted in significant reductions in our emissions. The changes by emission source category are:

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
Accommodation and facilities	3.211	12.177	Due to COVID-19 lockdowns and the increased use of virtual meetings, we travelled less, requiring less hotel accommodation.
Air transport (km)	25.93	382.721	Due to COVID-19 lockdowns there was only minimal domestic air travel. There was an increase in virtual meetings.
Cleaning and chemicals	17.023	19.462	Due to work from home requirements during COVID-19 lockdowns we required less cleaning of our offices.
Construction materials/services	18.833	31.737	Fewer repairs to the infrastructure of our locations were required.
Electricity	37.829	600.711	We purchased 100% renewable electricity for the full reporting period where possible, compared to 4.5 months during the base year. We also moved our electricity reporting from location based to market based.
Food	83.414	161.434	Due to COVID-19 lockdowns we travelled less and held fewer events therefore reducing food purchases.
ICT services and equipment	470.626	497.451	We required fewer IT purchases

			compared to base year.
Land and sea transport (fuel)	2.272	0.056	A drop in the use of taxis and Ubers was replaced by an increase in car hire compared to base year.
Land and sea transport (km)	83.391	97.152	This emission category reflects staff commuting, unadjusted for working from home during the reporting period. The adjustment to this category for working from home can be found below. Our use of Ubers and taxis also reduced due to COVID19 lockdowns.
Working from Home	-50.986	-	For our base year we did not include electricity for staff working from home. We have for this reporting period. We have also taken into account the reduction in commute to and from work due to increased working from home hours (staff commute accounted for under Land and sea transport (km) above). Hence the negative amount for this category.
Office equipment & supplies	66.147	73.479	Due to work from home requirements during COVID-19 lockdowns less office stationery was required; and 'Follow Me' printing and double-sided printing reduced stationery usage when employees were in the office.
Postage, courier and freight	7.771	31.182	Mailing services expenditure has remained steady. The reduction in emissions is due to a change in the Climate Active emission factor.
Professional services	259.61	300.976	Due to COVID-19 lockdowns, reduced activity resulted in fewer professional services used.
Stationary energy	34.963	26.269	The change is likely to be seasonal; but we have also been able this year to source actual base building data from two of our three locations (stationary

			energy from our third location is estimated with the help of the Climate Active calculator).
Waste	35.184	35.340	Our resource disposal to landfill associated emissions remains at similar levels; while actual data was able to be sourced from all our locations compared to a number of estimations made in our base year.
Water	9.264	-	For our base year we excluded water usage from all locations due to data being non-quantified. This year we have been able to source actual water data from two of our three locations. Water from our third building is set to non-quantified with the assumption water usage for staff here is immaterial.

Use of Climate Active carbon neutral products and services

Our purchase of Climate Active carbon neutral products during FY2021 include:

- 1,305.51kg of Climate Active certified carbon neutral office paper (Opal: Reflex Copy Paper)

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	12.177	3.211
Air transport (km)	382.721	25.930
Cleaning and chemicals	19.462	17.023
Construction materials/services	31.737	18.833
Electricity	600.711	37.829
Food	161.434	83.414
ICT services and equipment	497.451	470.626
Land and sea transport (fuel)	0.056	2.272
Land and sea transport (km)	97.152	83.391
Office equipment & supplies	73.479	66.147
Postage, courier and freight	31.182	7.771
Professional services	300.976	259.610
Stationary energy	26.269	34.963
Waste	35.340	35.184
Water	-	9.264
Working from home	-	-50.986
Total net emissions	2,270.15 tCO_2-e	1,104.48 tCO_2-e
Projected minus actual = 1,165.67tCO_2-e		

6. CARBON OFFSETS

Offsets strategy

Bates Smart became Climate Active carbon neutral certified for the first time during FY2020-21. Our FY2019-20 actual data was used to calculate our base year carbon inventory which was then used to project our carbon footprint for FY2020-21. We did not carbon offset our base year. The entire carbon footprint in FY2020-21 was considered unavoidable and we purchased 2,271 tonnes of carbon credits towards our projected carbon neutral claim for FY2020-21 through a forward purchasing strategy. This year's report represents a true-up of the FY2020-21 carbon footprint using actual data for FY2020-21. From this reporting period our purchasing strategy is in arrears.

Offset purchasing strategy: In arrears purchasing strategy		
1.	Total offsets previously forward purchased and banked for this report	2,271
2.	Total emissions liability to offset for this report	1,105
3.	Net offset balance for this reporting period	1,166
4.	Total offsets to be forward purchased to offset the next reporting period	0
5.	Total offsets required for this report	1,105

Co-benefits

Bates Smart purchases offsets from projects that align with the company's values and offers additional environmental and social benefits. The project types stated here relate to 100 percent of the total amount of offsets purchased (2,271 tonnes) of which 1,105 tonnes have been retired for this reporting period.

Wunambal Gaambera Uunguu Fire Project – ERF 100641

Kimberley Traditional Owners including Wunambal Gaambera, have to date registered five fire management projects under the ERF, using Indigenous traditional knowledge of early dry season burning and modern scientific practices to reduce the amount of greenhouse gas emissions released into the atmosphere from unmanaged and potentially dangerous late-season wildfires.

As a result of these fire management techniques, there is a reduction in greenhouse gas emissions released into the atmosphere. This abatement is measured and carbon credits generated.

Savanna fire carbon projects also deliver broader environmental and social outcomes through improved biodiversity and landscape health, reinvigorating social and cultural traditions, transferring knowledge, strengthening climate change adaptability, reversing socioeconomic disadvantage and increasing employment opportunities.

Improved Cook Stove Project 1, Nkhata Bay District, Malawi

The project is run by RIPPLE Africa (a charity from the UK) and involves the installation of low cost, high efficiency wood fired cook stoves specially designed for local conditions. RIPPLE has so far replaced about 40,000 traditional three-stone cooking fires with fuel efficient cook stoves and the project therefore benefits approximately 200,000 people. The project has lots of benefits because traditional three-stone fires:

- Consume a huge amount of wood resulting in major deforestation. It also takes a lot of time to collect all this wood. This time can be spent on education and other activities.
- Produce lots of smoke and so cause health problems such as lung cancer and child pneumonia. This mostly affects women and children.
- Are unsafe for children.

RIPPLE Africa has made this fuel efficient cook stove a way of life and has significantly reduced Malawi's greenhouse gas emissions and can be seen in RIPPLE's video.

RIPPLE Africa will use the funds from the sale of the credits to expand the project and support other RIPPLE Africa activities such as fish conservation, tree planting, forest conservation, education and health care services. RIPPLE Africa wants to expand the project so that 500,000 people will benefit from this fuel efficient cook stove. All RIPPLE's activities address various Sustainable Development Goals.

The cook stove project alone addresses the following SDGs:

Australian Government
Clean Energy Regulator

CLEAN ENERGY REGULATOR

16 April 2021

To whom it may concern,

Voluntary cancellation of units in ANREU

This letter is confirmation of the voluntary cancellation of units in the Australian National Registry of Emissions Units (ANREU) by ANREU account holder, The Sigma Global Company Pty Limited (account number AU-2617).

The details of the cancellation are as follows:

Date of transaction	16 April 2021
Transaction ID	AU18076
Type of units	KACCU
Number of units	1,000
Serial number range	3,799,913,005 – 3,799,914,004
Associated ERF Project Name and ID	Wunambal Gaambera Uunguu Fire Project - ERF100641
Transaction comment	Cancelled on behalf of Bates Smart Architects Pty Ltd to support its carbon neutral claim against the Climate Active Carbon Neutral Standard FY21

Details of all voluntary cancellations in the ANREU are published on the Clean Energy Regulator's website, http://www.cleanenergyregulator.gov.au/OSR/ANREU/Data-and-information.

If you require additional information about the above transactions, please email registry-contact@cleanenergyregulator.gov.au

Yours sincerely,

David O'Toole
ANREU Operations and International Engagement
NGER and Safeguard Branch
Scheme Operations Division
Clean Energy Regulator
registry-contact@cleanenergyregulator.gov.au
www.cleanenergyregulator.gov.au

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 (%)**
Wunambal Gaambera Uunguu Fire Project – ERF 100641	KACCUs	ANREU	16 Apr 2021	3,799,913,005 – 3,799,914,004 See letter above	2019-20	1,000	0	500	500	45.25%
Improved Cook Stove Project 1, Nkhata Bay District, Malawi	CERs	CDM	7 Apr 2021	MW51653032209933 – MW51665732209933 Voluntary Cancellation Certificate	2014-15	1,271	0	666	605	54.75%
Total offsets retired this report and used in this report									1,105	
Total offsets retired this report and banked for future reports								1,166		

Type of offset units	**Quantity (used for this reporting period claim)**	**Percentage of total**
Australian Carbon Credit Units (ACCUs)	500	45.25%
Certified Emissions Reductions (CERs)	605	54.75%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	N/A
2. Other RECs	N/A

* 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
N/A									
				Total LGCs surrendered this report and used in this report			0		

APPENDIX A: ADDITIONAL INFORMATION

We recognise that successful design outcomes and emissions reductions are not competing priorities. We will challenge ourselves and our clients to create environmentally sustainable and innovative solutions to built environments.

We have established a Sustainability Committee to build on the initiatives of Architects Declare with a focus on regenerative design through ongoing practice and research.

We are founding signatories to Architects Declare Australia. Over 1,000 Architects have signed a declaration that recognises the climate and biodiversity emergency and that architects have a leading role to play in tackling it through our influence over the design of buildings, infrastructure, urban spaces and cities.

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 (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	465,075	0	75%
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)	116,789	0	19%
Residual electricity	35,253	37,829	0%
Total grid electricity	**617,117**	**37,829**	**94%**
Total electricity consumed (grid + non grid)	**617,117**	**37,829**	**94%**
Electricity renewables	581,864	0	
Residual electricity	35.253	37,829	
Exported on-site generated electricity	**0**	**0**	
Emission footprint ($kgCO_2$-e)		37,829	

Total renewables (grid and non-grid)	**94.29%**
Mandatory	**18.93%**
Voluntary	**75.36%**
Behind the meter	**0.00%**
Residual electricity emission footprint (tCO_2-e)	**38**

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)
NSW	278,068	250,261
Vic	339,049	369,564
Grid electricity (scope 2 and 3)	**617,117**	**619,825**
Non-grid electricity (behind the meter)	**0**	**0**
Total electricity consumed	**617,117**	**619,825**
Emission footprint (tCO_2-e)	**620**	

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 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

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
Refrigerants	Yes	No	No	No
Water and sewage (Our Brisbane Street location only)	Yes	No	No	No

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?
None	N/A	N/A	N/A	N/A	N/A	N/A

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