



PUBLIC DISCLOSURE STATEMENT

BVN ARCHITECTURE PTY LTD

ORGANISATION CERTIFICATION

FY2020-21

Australian Government
Climate Active
Public Disclosure Statement



NAME OF CERTIFIED ENTITY: BVN Architecture Pty Ltd

REPORTING PERIOD: 1 July 2020 – 30 June 2021

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: 01/03/22

Name of Signatory: NEIL LOGAN

Position of Signatory: co-CEO



Australian Government
Department of Industry, Science,
Energy and Resources

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Version number February 2021



1. 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 all the Australian operations of BVN Architecture Pty Ltd, ABN 46 010 724 339.

The operational boundary has been defined based on an operational control test, in accordance with the principles of the National Greenhouse and Energy Reporting Act 2007. This includes the following locations and facilities:

- Level 11, 255 Pitt Street, Sydney NSW 2000
- Level 4, 12 Creek Street, Brisbane QLD 4000

The methods used for collating data, performing calculations and presenting the carbon account are in accordance with the following standards:

- Climate Active Standards
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- National Greenhouse and Energy Reporting (Measurement) Determination 2008

“The Climate Active certification helps us get one step closer to our vision to be smarter, more creative and better for the planet”

Organisation description

Collective Creativity to Design a Better future, guides everything we do.

We are an architectural and design practice of 95 years' experience, with offices in Sydney and Brisbane.

Our portfolio spans across a diverse spectrum of use and scale, comprising of complex public and private sector projects. These include many landmark buildings, spaces and precincts.

You will find us open and progressive, with a curious mind about how the world fits together. This curiosity combined with our collaborative approach influences the way we design and deliver our projects. It's one of the reasons we've received over 700 design excellence awards since 2000.

Our fundamental approach to the way we work recognises that we cannot operate alone. We work closely with our colleagues in other studios; with our peers in other industries; with consultants and contractors; and, most importantly, with our clients, to create buildings and places that sustainably exceed expectations. We enjoy our work and we want you and our collaborators to enjoy this journey with us all the way through to a completed project.

We live in a time that promises extraordinary social, technological and economic change. There has never been a better or more significant opportunity to leverage the power of design to shape a future that maximises human wellbeing, strengthens identity, protects the planet and binds us through place. Our

leading-edge research into robotics in architecture, integrating new digital technology, our innovation in construction methodologies, as well as our passion to deliver projects that are centred around improving individual's life's — deliver smarter and more creative projects. With people at the centre of our design strategy we offer designs for a better future.

2. EMISSION BOUNDARY

Diagram of the certification boundary



Non-quantified sources

N/A

Data management plan

N/A

Excluded sources (outside of certification boundary)

N/A

“It is not enough to do less harm – our actions have to be aimed at regenerating the planet and it all starts with getting our own house in order. Becoming Climate Positive in Operations has been a key step for us and the Climate Active Certification has been crucial to verify this process.”

3. EMISSIONS SUMMARY

Emissions reduction strategy

Our emissions reduction strategy continues to both target reducing our main carbon emitters, but also aims to address all aspects of our Operations.

Most of our emissions are still attributed to business flights, however, we have managed to reduce our emissions in this sector by 56% compared to the previous financial year.

With the aim of further reducing emissions attributed to business flights, we will continue with the “Infrequent Flyer Programme”, which encourages employees to reduce the amount they travel through 3 simple decision steps:

- 1) Do I have to be there?
- 2) Is there a smarter option than flying?
- 3) If flying is essential, can I make the trip more impactful?

We will continue to invest in videoconferencing and remote collaboration technologies to make alternatives to in-person meetings easier. Through this initiative, we also aim to reduce our emissions attributed to hotel accommodation.

Electricity is the second largest component of our emissions. Apart from working on reducing our electricity consumption, our offices are now powered by 100% certified green power.

Food and Beverage is also a large component of our emissions. We are undertaking a review of all our suppliers and are focusing on working with catering companies that use seasonal, local and sustainable foods. We will be more selective with our food choices and, where possible, use food providers that are carbon neutral.

Overall, we will give preference to suppliers who are committed to taking action on climate change.

We will also continue to take steps towards educating employees, clients and trade partners in ways they can reduce their individual impacts.

We are now a member of CitySwitch, with whom we are developing a more refined emissions reduction strategy.

Emissions over time

Our overall emissions have reduced by 17.8% compared to the previous financial year. This is partially attributed to our emissions reduction strategy described in the previous page, but also other factors, as described below.

We have had a large reduction in business flights and accommodation. This is both due to the pandemic, but also attributed to the encouragement of staff to only fly when absolutely required.

Moreover, the electricity of the base build has also substantially reduced. This is partly attributed to capturing accurate data, compared to the previous financial year, where only an estimate was provided.

There are certain aspects of our emissions that have increased, such as IT equipment. This is due a roll-out of laptops to all employees to ease the working from home and virtual working arrangements. Increases in emissions in other sectors are attributed to a substantial increase in staff numbers (58 new employees in FY20/21), and not to an increase in emissions per staff member.

We are looking forward to further reducing our impact in the next financial year.

Table 1

Emissions since base year		
	Base year Year 1: 2019-20	Current year 2: 2020-21
Total tCO₂-e	1,573.3	1,293.2

Emissions reduction actions

Please refer to emissions reduction strategy.

Emissions summary (inventory)

Table 2

Emission source category	tonnes CO ₂ -e
Accommodation and facilities	18.76
Air Transport (km)	288.36
Cleaning and Chemicals	12.53
Electricity	322.04
Food	223.06
ICT services and equipment	138.60
Land and Sea Transport (\$)	91.39
Land and Sea Transport (fuel)	11.27
Land and Sea Transport (km)	44.45
Office equipment & supplies	71.30
Postage, courier and freight	1.81
Products	0.36
Professional Services	1.93
Refrigerants	10.11
Waste	5.53
Water	2.99
Working from home	48.72
Total Net Emissions	1,293.20

Uplift factors

Table 3

Reason for uplift factor	tonnes CO ₂ -e
N/A	
<i>Total footprint to offset (uplift factors + net emissions)</i>	1,293.20

Carbon neutral products

- Carbon neutral paper (Reflex 100% Recycled and Reflex 50% Recycled).
- This assessment and Climate Active submission were prepared with the assistance of [Pangolin Associates](#) and these services are also carbon neutral.

Electricity summary

Electricity was calculated using a location-based approach.

Market-based approach summary

Table 4

Market-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)	Renewable %
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%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	66,771	0	19%
Residual Electricity	286,048	306,952	0%
Total grid electricity	352,819	306,952	19%
Total Electricity Consumed (grid + non grid)	352,819	306,952	19%
Electricity renewables	66,771	0	
Residual Electricity	286,048	306,952	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ -e)		306,952	

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)	307

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

Location-based approach summary

Table 5

Location-based approach	Activity Data (kWh)	Emissions (kgCO ₂ -e)
NSW	202,724	182,452
Qld	150,095	139,588
Grid electricity (scope 2 and 3)	352,819	322,040
NSW	0	0
Qld	0	0
Non-grid electricity (Behind the meter)	0	0
Total Electricity Consumed	352,819	322,040
Emission Footprint (tCO₂-e)	322	

4. CARBON OFFSETS

Offsets strategy

Table 6

Offset purchasing strategy:	
In Arrears	
1. Total offsets previously forward purchased and banked for this report	1,800
2. Total emissions liability to offset for this report	1,294
3. Net offset balance for this reporting period	-506
4. Total offsets to be forward purchased to offset the next reporting period	311*
5. Total offsets required for this report	1,294

*195 of the 506 remaining offsets have been used to offset approximately 15% in excess of their emissions, see Table 7.

Co-benefits

Tiwi Islands, NT, Aboriginal Savanna Burning Project

In the Tiwi Islands, savanna burning is an important carbon farming project that is delivered in partnership with Tiwi Land Council and Charles Darwin University. Savanna burning is a fire management method that prevents destructive bushfires (prevalent in tropical savannas of northern Australia) by reducing the fuel load in a controlled manner and therefore reducing greenhouse gas emissions. By practicing traditional patchwork burning in the early dry season when fires are cooler and by burning less country, there are fewer emissions released and more carbon is stored in the soil and plants, keeping the land healthy for the Tiwi people.

This method generates Australian Carbon Credit Units (“ACCU”) and in turn brings environmental, social and cultural co-benefits such as:

- Elders sharing traditional ecological knowledge with young people;
- Protection of rock art and sacred sites;
- Protection of the environment by Aboriginal led land and sea management;
- Meaningful employment aligning with the interests and values of Traditional Owners; and

- Contribution to increased pride and self- esteem of Aboriginal people.

150 MW grid connected Wind Power based electricity generation project in Gujarat, India

The main purpose of the project is to generate renewable electricity using wind power and feed the generated output to the local grid in Gujarat, contributing to climate change mitigation efforts. In addition to the generation of renewable energy-based electricity, the project has also been conceived to enhance the propagation of commercialisation of wind power generation in the region and to contribute to the sustainable development of the region, socially, environmentally and economically. The proposed project activity leads to alleviation of poverty by establishing direct and indirect employment benefits accruing out of infrastructure development of wind farms, installation work, operation and management of wind farm, providing daily needs, etc. The infrastructure in and around the project area will also improve due to project activity. This includes development of road network and improvement of electricity quality, frequency and availability as the electricity is fed into a deficit grid. The generated electricity is fed into the Western regional Grid through local grid, thereby improving the grid frequency and availability of electricity to the local consumers (villagers & sub-urban habitants) which will provide new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall development.

Stapled Greenfleet Offsets

BVN purchased an additional 1,600 tonnes of biodiversity offsets through Greenfleet. Greenfleet is a leading Australian not-for-profit environmental organisation on a mission to protect our climate by restoring forests. Greenfleet forests address critical deforestation, restore habitat for wildlife including many endangered species, capture carbon emissions to protect our climate, reduce soil erosion, improve water quality, and economically support local and indigenous communities.

Offsets summary

Proof of cancellation of offset units

Table 7

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, NT, Aboriginal Savanna Burning Project	ACCUs	ANREU	13 Mar 2021	3,772,971,237 – 3,772,973,236	2018-19	2,000	1,000	173	719	60%
150 MW grid connected Wind Power based electricity generation project in Gujarat, India (Stapled with Greenfleet)	VCUs	Verra	20 Apr 2021	9085-66647848-66649447-VCS-VCU-1491-VER-IN-1-292-01012017-31122017-0	2017	1,600	800	138	575	40%
Total offsets retired this report and used in this report									1,294	
Total offsets retired this report and banked for future reports								311		

Additional offsets cancelled for purposes other than Climate Active Carbon Neutral certification							
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Quantity (tCO ₂ -e)	Purpose of cancellation
Tiwi Islands, NT, Aboriginal Savanna Burning Project	ACCUs	ANREU	13 Mar 2021	3,772,971,237 – 3,772,973,236	2018-19	108	BVN would like to be Climate Positive and therefore have offset approximately 15% in excess of their emissions.
150 MW grid connected Wind Power based electricity generation project in Gujarat, India (Stapled with Greenfleet)	VCUs	Verra	20 Apr 2021	9085-66647848-66649447-VCS-VCU-1491-VER-IN-1-292-01012017-31122017-0	2017	87	

Type of offset units	Quantity (used for this reporting period claim)	Percentage of Total
Australian Carbon Credit Units (ACCUs)	719	60%
Verified Carbon Units (VCUs)	575	40%

5. USE OF TRADE MARK

Table 8

Description where trademark used	Logo type
Website	Climate Active Certified organisation
Internal and external reports	Climate Active Certified organisation

6. ADDITIONAL INFORMATION

N/A

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 9

Relevance test					
Excluded emission sources	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>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.</i>
N/A					

APPENDIX 2

Non-quantified emissions for organisations

Table 10

Non-quantification test				
Relevant-non-quantified emission sources	<i>Immaterial <1% for individual items and no more than 5% collectively</i>	<i>Quantification is not cost effective relative to the size of the emission but uplift applied.</i>	<i>Data unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.</i>	<i>Initial emissions non-quantified but repairs and replacements quantified</i>

N/A

APPENDIX 2

Proof of ACCUs retirement

ANREU | Client Portal | nationalregistry.cleanenergyregulator.gov.au/transaction/show/127483

Transaction details appear below.

Transaction Successfully Approved

Transaction ID	AU17741
Current Status	Completed (4)
Status Date	12/03/2021 13:05:41 (AEDT) 12/03/2021 02:05:41 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Foley, Rowan Paul Bulmer
Transaction Approver	Foley, Rowan Paul Bulmer
Comment	Retired on behalf of BVN Architecture for Climate Active for FY2019/20

Transferring Account

Account Number	AU-2798
Account Name	Aboriginal Carbon Fund Limited
Account Holder	Aboriginal Carbon Fund Limited

Acquiring Account

Account Number	AU-1068
Account Name	Australia Voluntary Cancellation Account
Account Holder	Commonwealth of Australia

Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERE Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			ERE105045					2018-19		3,772,971,237 3,772,973,236	2,000

Transaction Status History





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