



PUBLIC DISCLOSURE STATEMENT

2XE PTY LTD

SERVICE CERTIFICATION


FY2021–22

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	2XE Pty Ltd
REPORTING PERIOD	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>Nick Palousis Managing Director 03/05/2023</p>



Australian Government
**Department of Climate Change, Energy,
the Environment and Water**

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Version March 2022.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	20.6 tCO ₂ -e
THE OFFSETS BOUGHT	100% CERs
RENEWABLE ELECTRICITY	N/A
TECHNICAL ASSESSMENT	N/A

Contents

1. Certification summary.....	3
2. Carbon neutral information	4
3. Emissions boundary	5
4. Emissions reductions.....	9
5. Emissions summary.....	10
6. Carbon offsets	12
7. Renewable Energy Certificate (REC) summary	14
Appendix A: Additional information	15
Appendix B: Electricity summary	16
Appendix C: Inside emissions boundary	16
Appendix D: Outside emission boundary	17

2. CARBON NEUTRAL INFORMATION

Description of certification

2XE Pty Ltd (ABN: 24 149 188 125), trading as 2XE, is an energy and resource efficiency consultancy, located in North Adelaide, South Australia. The company operates out of its North Adelaide office and provides its services to clients both in South Australia and nationally.

The carbon neutral certification under the Climate Active Carbon Offset Standard covers the emissions that are generated from 2XE Pty Ltd providing renewable energy, resource efficiency and sustainability consulting services to clients, which includes travel, office equipment and other Scope 3 emissions. Functional unit is defined as billable hours, with emissions expressed in terms of tCO₂-e per full-time equivalent (FTE).

Additionally, a certification claim has been made for the [FY21-22 organization emissions of 2XE Pty Ltd, presented in a separate Public Disclosure Statement](#).

“As a company that delivers net zero services to business and government we must lead by example.”

Service description

The service being certified under the Standard is 2XE’s renewable energy, resource efficiency and sustainability consulting, which includes travel, office equipment and other downstream Scope 3 emissions. The full coverage service functional unit is defined as billable hours, with emissions expressed in terms of tCO₂-e per FTE. The life cycle assessment approach is considered cradle to grave, given that the emissions arising from the service are considered part of the organisation’s emission boundary and thus are accounted for in the corresponding Organisation certification and Public Disclosure Statement.

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 'attributable processes' that become the service, make the service and carry the service through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable 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

Non-attributable emissions have been assessed as not attributable to the service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

The emission sources in the boundary diagram below are as per the emissions categories in the emission summary table (in section 4).

Inside emissions boundary

Quantified

Accommodation and facilities
Climate Active Carbon Neutral Products and Services
Food
ICT services and equipment
Machinery and vehicles
Office equipment and supplies
Professional services
Transport (land and sea)

Non-quantified

NA

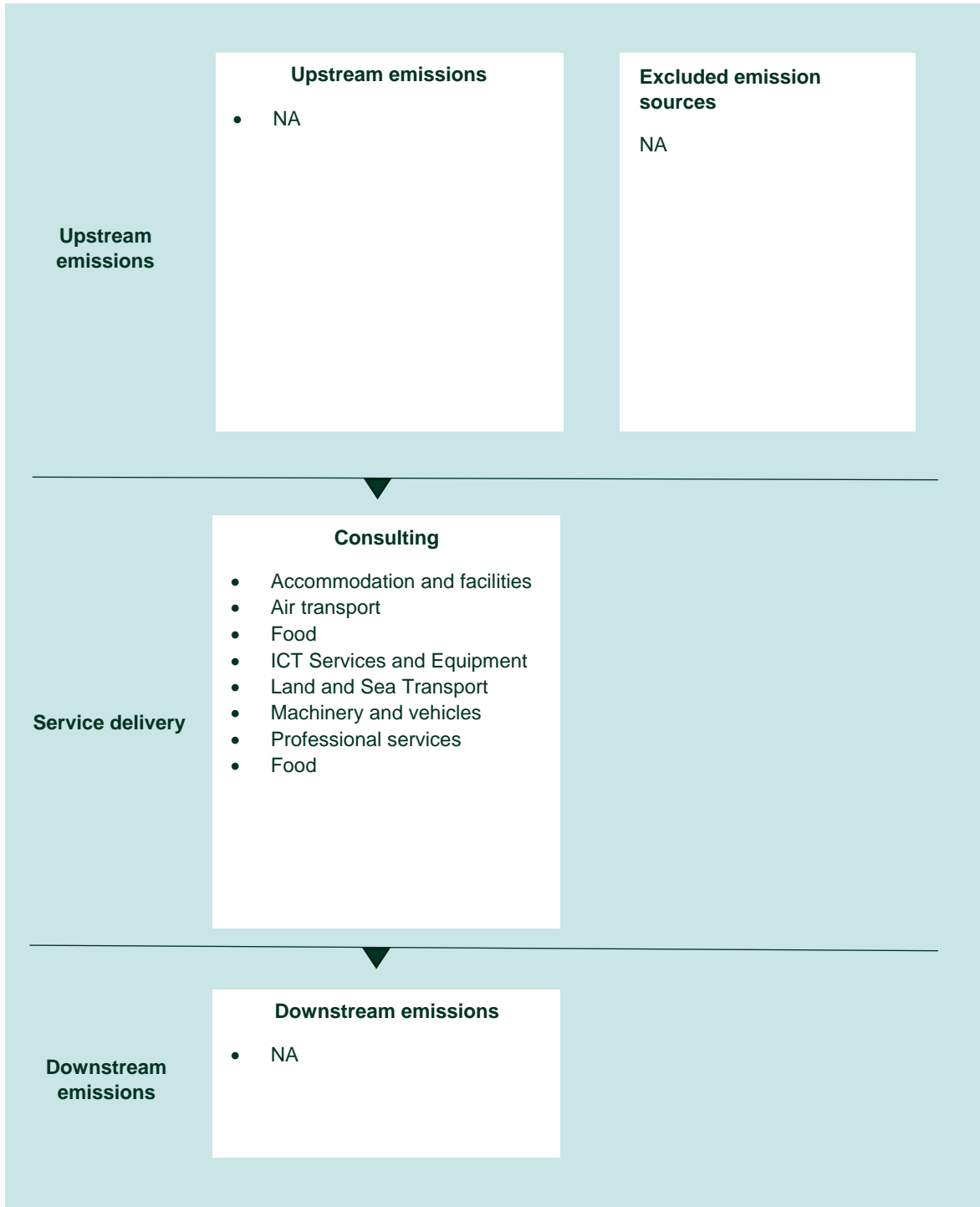
Outside emission boundary

Non-attributable

NA

Service process diagram

The service emission boundary is cradle-to-grave, as emissions arising from the service are considered part of 2XE's organisation emission boundary.



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

2XE Pty Ltd is continuing its commitment to reduce emissions across the value chain (scopes 1, 2 and 3) by 20% by 2030, from the 2021 Financial Year base year.

The current internal combustion engine car that is leased by the organisation is approaching the end of the contracted period and will require a renewal in coming months. 2XE is still committed to procure an electric vehicle (EV) via the lease contract for staff usage which will significantly reduce the organisation and service emissions. The utilisation of an EV for meetings with clients or for consulting services will promote electric vehicles and decarbonisation of transport, which in turn may encourage clients and the wider public to procure an electric vehicle too.

Where possible, 2XE will continue to select Climate Active businesses in its procurement and will continue to encourage non-Climate Active organisations to pursue the certification as a way of promoting the required decarbonisation of the economy to meet climate emission targets.

Lastly, as part of encouraging carbon neutral transport, 2XE will continue to finalize a business case in the next 12 months for the procurement of several electric bikes for staff to use for intra-city travel, rather than either driving or utilising a ride-share service. The City of Adelaide provides a significant number of bike-trails and bike-infrastructure, encouraging businesses to transition towards active and carbon-neutral transport.

Emissions reduction actions

2XE is very proud to have already established a policy whereby all flights purchased by 2XE are offset via Climate Active-certified products, instantly reducing total liable emissions, and supporting carbon-neutral travel industries.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e	Emissions intensity of the functional unit
Base year:	2020–21	16.106	2.68 tCO ₂ -e/FTE
Year 1:	2021–22	20.6	2.94 tCO ₂ -e/FTE

Significant changes in emissions

There has been a significant change in emissions for several emission sources in FY22 for 2XE Pty Ltd. This is understood to be due in part to post-COVID19 recovery, in which businesses are now seeking to undertake projects which reduce their costs, and support a sustainable, and low-carbon economy. As a result, 2XE has undertaken a larger number of projects, resulting in an increase in emissions for some sources.

Additionally, following the previous year's certification, 2XE Pty Ltd has implemented data recording methodology, which has enabled greater understanding of under which certification emission sources arise from.

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	1.92	3.74	organic growth
Food & catering	5.17	1.26	other (change in data recording)
Food and beverage industries	0.83	Enter data here	organic growth
Major & Minor Plant & Equipment Hire	4.66	1.53	organic growth
Environmental Accreditation	4.51	4.76	organic growth
Business services	1.22	2.08	organic growth
Ride Share - national average	0.016	0.04	travel policy
Taxi - National Average	0.057	0.14	travel policy

Use of Climate Active carbon neutral products and services

Certified brand name	Product or Service used
Qantas	Opt-in service
Virgin	Opt-in service

Service emissions summary

Stage	tCO2-e
Upstream emissions	0
Service delivery	20.6
Downstream emissions	0

A 5% uplift was applied to the Service inventory to compensate for estimations that were undertaken.

Emissions intensity per functional unit (including any uplifts required)	20.6
Number of functional units to be offset (certified)	7
Total emissions to be offset (certified)	2.94

6. CARBON OFFSETS

Offsets retirement approach

In arrears		
1.	Total number of eligible offsets banked from last year's report	0
2.	Total emissions footprint to offset for this report	21
3.	Total eligible offsets required for this report	21
4.	Total eligible offsets purchased and retired for this report	21
5.	Total eligible offsets banked to use toward next year's report	0

Co-benefits

2XE Pty Ltd has purchased offsets from the Balsio Small Hydroelectric Project in India. The Balsio Hydel Project has a power generation capacity of 5.0 MW which has been installed to augment the power generation in Himachal Pradesh using renewable energy. The project activity improves the voltage profile and reliability of the power system in the remote area by delivering 21.95 GWh of clean energy to the grid, reducing the operation of fossil fuel fired energy generation units.

This project also generates additional benefits to social, environmental, economical and technological well-being, with the generation of local employment opportunities, increased reliability of energy to customers, the avoidance of environmental degradation of natural resources, and supporting similar projects to be installed throughout the region.

Eligible offsets retirement summary

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	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Balsio Small Hydroelectric Project of Ginni Global Pvt. Ltd.	CER	UNFCCC	1 December 2022	IN-5-290912067-2-2-0-4309 - IN-5-290912108-2-2-0-4309	CP2		42*	0	0	21	50%
Total offsets retired this report and used in this report										21	
Total offsets retired this report and banked for future reports									0		

*Remainder of offsets have been retired for 2XE's Organisation (parent) FY21-22 Certification.

Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Certified Emissions Reductions (CERs)	21	50%

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

Not applicable

APPENDIX A: ADDITIONAL INFORMATION



United Nations
Framework Convention on
Climate Change

DATE: 1 DECEMBER 2022
REFERENCE: VC25659/2022

VOLUNTARY CANCELLATION CERTIFICATE

Presented to

2XE Pty Ltd

Project

Balsio Small Hydroelectric Project of Ginni Global Pvt. Ltd.

Reason for cancellation

I want to contribute to climate action

Number of units
cancelled

42 CERs

Equivalent to 42 tonne(s) of CO₂



Start serial number: IN-5-290912067-2-2-0-1309 End serial
number: IN-5-290912108-2-2-0-4309

The certificate is issued in accordance with the procedure for voluntary
cancellation in the CDM Registry. The reason included in this certificate is
provided by the cancellor.

APPENDIX B: ELECTRICITY SUMMARY

N/A

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as attributable, 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
NA	NA	NA	NA	NA

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
NA	NA	NA	NA

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to the service (do not carry, make or become the service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

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
NA	NA	NA	NA	NA	NA



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