# PUBLIC DISCLOSURE STATEMENT

2XE PTY LTD

SERVICE CERTIFICATION
FY2024–25

Australian Government

# Climate Active
# Public Disclosure Statement

An Australian Government Initiative

| | |
|---|---|
| NAME OF CERTIFIED ENTITY | 2XE Pty Ltd |
| REPORTING PERIOD | 1 July 2024 – 30 June 2025 |
| 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.*  |
| | Nick Palousis<br>Managing Director<br>19/12/2025 |

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

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Version 10.

# 1.CERTIFICATION SUMMARY

| | |
|---|---|
| TOTAL EMISSIONS OFFSET | 27 $tCO_2$-e |
| CARBON OFFSETS USED | 100% CERs |
| RENEWABLE ELECTRICITY | N/A |
| CARBON ACCOUNT | Prepared by: 2XE PTY LTD |
| TECHNICAL ASSESSMENT | 9 December 2024 for FY 2023-24<br>Rachel Brdanovic<br>Tandem Energy<br>Next technical assessment due: FY 2026-27 |

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# 2. CERTIFICATION INFORMATION

## Description of service certification

This service certification is for 2XE's net zero strategy, renewable energy, resource efficiency and sustainability consulting services.

- Functional unit: 1 FTE with emissions expressed as tCO2-e/FTE
- Offered as: Full coverage service
- Life cycle: cradle-to-grave

The responsible entity for this service certification is 2XE Pty Ltd, ABN 24 149 188 125.

This Public Disclosure Statement includes information for FY24-25 reporting period.

The certification boundary includes emissions associated with both domestic and international activities. International emissions are incorporated within the following emission sources:

- **Accommodation** – includes hotel accommodation associated with both domestic and international business travel.
- **Transport (air)** – includes emissions from domestic and international business flights.
- **Transport (land and sea)** – includes applicable land and/or sea transport undertaken in connection with business travel, including international travel where relevant.

These emissions have been included within the service's emissions inventory and certification boundary.

## Description of business

2XE Pty Ltd (ABN: 24 149 188 125), trading as 2XE, is a carbon and energy management consultancy, located in North Adelaide, South Australia. The company operates out of its North Adelaide, providing services across South Australia, interstate, and overseas. Emissions from our overseas business activities are included within this inventory boundary.

The carbon neutral certification under the Climate Active Carbon Offset Standard covers the emissions that are generated from 2XE Pty Ltd providing net zero strategy, 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 FY24-25 organisation emissions of 2XE Pty Ltd, presented in a separate 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' of a product or service. These attributable processes are services, materials and energy flows that become the product or service, make the product or service and carry the product or service through its life cycle. These attributable emissions 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.

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**).

## Outside the emissions boundary

**Non-attributable** emissions have been assessed as not attributable to a product or service. 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.

**Inside emissions boundary**

**Quantified**

- Accommodation and facilities
- Climate Active carbon neutral products and services
- Food
- ICT services and equipment
- Professional services
- Transport (air)
- Transport (land and sea)

**Non-quantified**

N/A

**Excluded**

N/A

**Outside emission boundary**

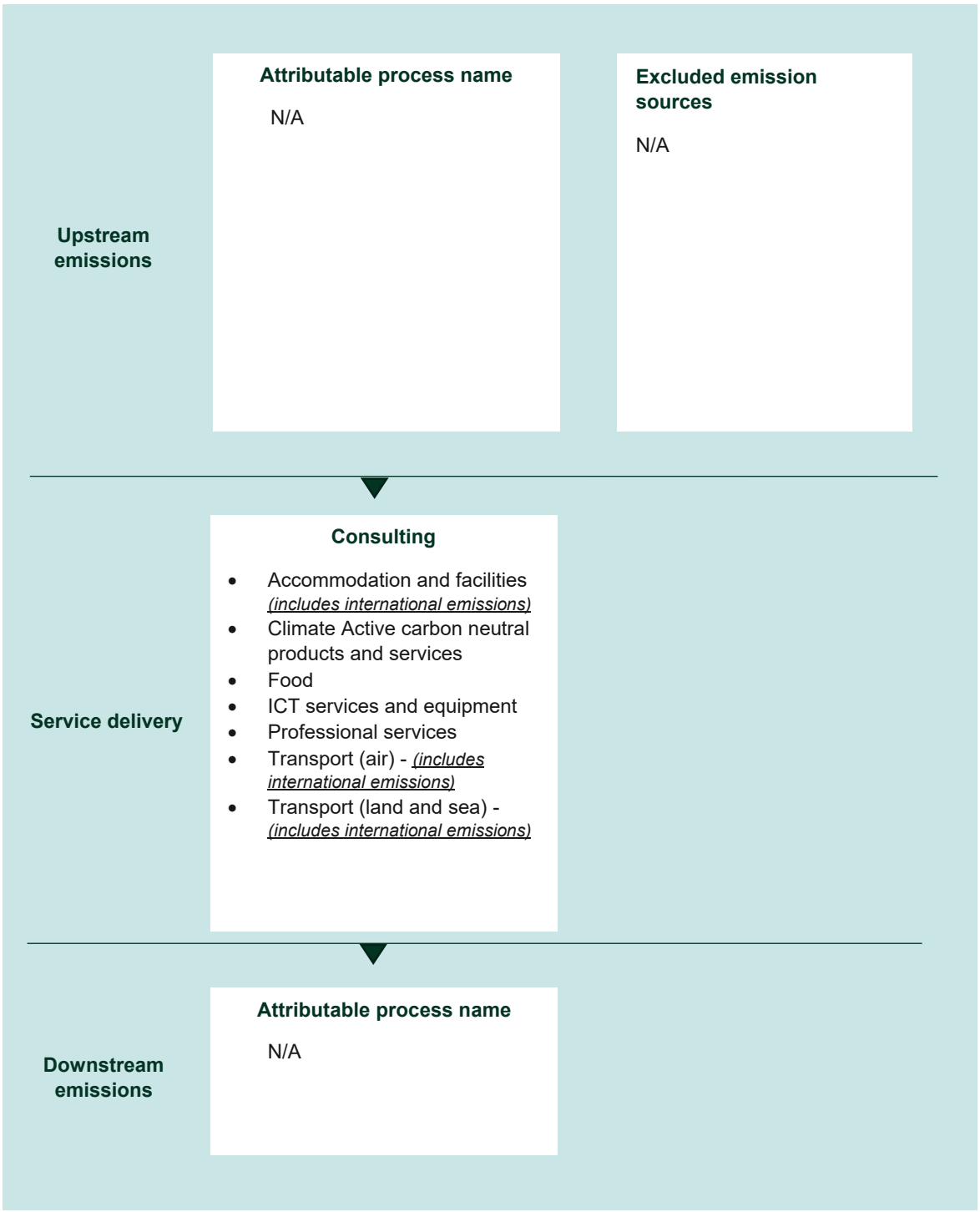
**Non-attributable**

N/A

## 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. The following emission sources within the emissions boundary include international emissions:

- Accommodation, Transport (air), and Transport (land and sea).



# 4. EMISSIONS REDUCTIONS

## Emissions reduction strategy

2XE Pty Ltd is continuing its commitment to reduce emissions intensity across scopes 1, 2 and 3 by 40% by 2030, from the 2021 Financial Year base year.

Business demand has increased due to mandatory climate disclosures, resulting in greater use of subcontracted services. This, along with new engagements in Singapore and Malaysia, has delayed procurement of an electric vehicle. Purchase is anticipated in FY2026 to FY2030 and is expected to reduce emissions from staff commuting and business travel by around 15%.

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.

## Emissions reduction actions

- Business transport policy has resulted in more short intra-city trips being taken by electric scooter rather than taxi or rideshare.
- This policy continues to include carbon neutral flights and electric or hybrid vehicles for all car hire, and has recently been extended to prioritise Uber Green for any intra-city travel where electric scooter is not an option.
- Where available, electric vehicles are preferred when booking vehicles for site visits.
- Virtual meetings are now promoted as the first preference to avoid travel emissions where practical.

# 5.EMISSIONS SUMMARY

## Emissions over time

| Emissions since base year | | | |
|---|---|---|---|
| | | Total $tCO_2$-e | Emissions intensity of the functional unit (including uplift) |
| Base year: | 2020–21 | 16.106 | 2.68 $tCO_2$-e/FTE |
| Year 1: | 2021–22 | 20.6 | 2.94 $tCO_2$-e/FTE |
| Year 2: | 2022-23 | 66.1 | 5.51 $tCO_2$-e/FTE |
| Year 3: | 2023-24 | 24.99 | 1.78 $tCO_2$-e/FTE |
| Year 4: | 2024-25 | 25.36 | 1.91 $tCO_2$-e/FTE |

## Significant changes in emissions

The following elements have increased both overall emissions and emissions intensity:

- Higher business demand linked to mandatory climate disclosures, leading to more project delivery and associated operational activity.
- Increased business travel, particularly for new client engagements in Singapore and Malaysia.
- Increased traction of our Recouple online emissions tracking platform, resulting in higher spend on IT services.
- Improved data completeness and record keeping (including better capture of travel and service-based activities), which has lifted reported emissions relative to prior years.

| Significant changes in emissions | | | |
|---|---|---|---|
| **Attributable process** | **Previous year emissions** (t $CO_2$-e) | **Current year emissions** (t $CO_2$-e) | **Reason for change** |
| **Computer and technical services** | 8.36 | 12.80 | Increased Recouple software subscriptions due to higher demand for emissions reporting under mandatory climate disclosures. |
| **Long economy class flights (>3,700km)** | 0.84 | 3.42 | Increase in business travel driven by new client engagements in Singapore and Malaysia. |

## Use of Climate Active carbon neutral products, services, buildings or precincts

| Certified brand name | Product/Service/Building/Precinct used |
|---|---|
| Qantas | Flights opt-in service |

Flight emissions offset through the Qantas Carbon Offset program have been incorporated into the emissions inventory as zero emissions, offsetting the associated flight emissions (16.23 tCO2-e). This has been achieved by applying a bespoke zero emissions factor for 133,610 pax-km of flights.

## Emissions summary

| Life cycle stage / Attributable process / Emission source | $tCO_2$-e |
|---|---|
| **Upstream emissions** | 0 |
| **Service delivery** | 25.36 |
| **Downstream emissions** | 0 |
| **Attributable emissions ($tCO_2$-e)** | **25.36** |

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

| Service offset liability | |
|---|---|
| Emissions intensity per functional unit | 1.82 tCO2-e/FTE |
| Emissions intensity per functional unit including uplift factors | 1.91 tCO2-e/FTE |
| Uplift (tCO2-e) | 1.27 |
| Number of functional units covered by the certification | 14 |
| **Total emissions ($tCO_2$-e) to be offset** | **27** |

# 6. CARBON OFFSETS

## Eligible offsets retirement summary

This certification has taken an in-arrears offsetting approach. The total emissions to offset is 27 t CO2-e. The total number of eligible offsets used in this report is 27. Of the total eligible offsets used, 0 were previously banked and 27 were newly purchased and retired. 0 are remaining and have been banked for future use. There is no overlap between the organisational certification boundary and the service certification boundary. The emissions, activities and eligible offsets associated with each certification have been accounted for separately, and no emissions or offsets are duplicated between the two certifications.

**Offsets retired for Climate Active certification**

| Type of offset unit | Quantity used for this reporting period | Percentage of total units used |
|---|---|---|
| Certified Emissions Reductions (CERs) | 27 | 100% |

| Project name | Type of offset unit | Registry | Date retired | Serial number | Vintage | Total quantity retired | Quantity used in previous reporting periods | Quantity banked for future reporting periods | Quantity used for this reporting period | Percentage of total used this reporting period |
|---|---|---|---|---|---|---|---|---|---|---|
| Biomass Energy Conservation Programme | CER | UNFCCC | 18/12/2025 | MW-5-4343448-2-2-0-10182 - MW-5-4343474-2-2-0-10182 | CP2: | 27 | 0 | 0 | 27 | 100% |
| | | | | | **Offset Totals:** | **27** | **0** | **0** | **27** | **100%** |

## Co-benefits

The Biomass Energy Conservation Programme in Malawi aims to reduce household air pollution and deforestation by promoting the use of the locally produced Chitetezo Mbaula stove. These stoves are made from local materials and are more efficient than traditional three-stone fires, reducing particulate emissions by 46%, carbon monoxide by 44%, and firewood consumption by up to 80%. With Malawi's severe deforestation and limited access to electricity, the project addresses urgent needs in cooking practices for rural families, who rely on wood for fuel. Additionally, each stove prevents about 2 tons of CO2 equivalent emissions per family annually.

The programme has a wide range of co-benefits.

Environmentally, it helps mitigate deforestation, reduce soil erosion, and improve air quality by lowering smoke emissions, which reduces the incidence of respiratory diseases such as tuberculosis, asthma, and pneumonia, particularly among women and children.

Socially, the project provides income for over 2,000 people, primarily women, who manufacture and market the stoves. This promotes:

- job creation,
- education and skills development,
- and gender empowerment in rural areas.

Economically, the programme enhances household resilience by lowering firewood costs and reducing the time spent gathering wood. The stove design also improves safety, reducing the risks of burns and accidents in homes. Additionally, the project receives funding from CO2 credit sales, attracting investment and fostering self-reliance through local production. The initiative contributes to sustainable development by addressing key issues such as air quality, employment, and energy access, while promoting technological transfer and local ingenuity.

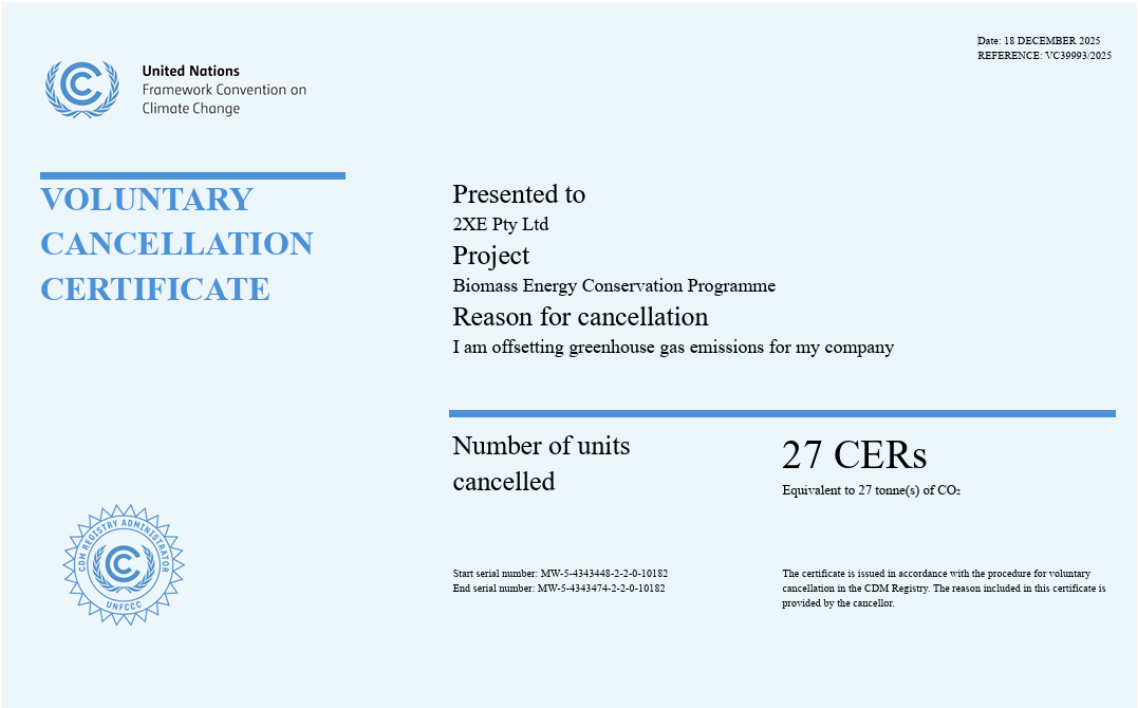
# 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

## Renewable Energy Certificate (REC) Summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION

**Carbon offsets purchased**



United Nations
Framework Convention on
Climate Change

Date: 18 DECEMBER 2025
REFERENCE: VC39993/2025

VOLUNTARY
CANCELLATION
CERTIFICATE

Presented to
2XE Pty Ltd
Project
Biomass Energy Conservation Programme
Reason for cancellation
I am offsetting greenhouse gas emissions for my company

Number of units
cancelled

27 CERs
Equivalent to 27 tonne(s) of $CO_2$

Start serial number: MW-5-4343448-2-2-0-10182
End serial number: MW-5-4343474-2-2-0-10182

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 emissions sources 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.

An uplift factor must be applied to account for emissions sources which are estimated to be material, but not practical to measure (such as no actual or projected data).

| Relevant non-quantified emission sources | Justification reason |
|---|---|
| N/A | |

## 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 (less than 1% of emissions**).

If an emissions source is determined to be material (but does not have actual or projected data), it cannot be excluded and must be considered as a non-quantified emissions source.

Please provide justification regarding each excluded emissions source:

| Emissions Source | No actual data | No projected data | Immaterial | Justification |
|---|---|---|---|---|
| N/A | | | | |

## Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

# APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/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 other attributable emissions.

2. **Influence** The responsible entity could influence emissions reduction from a particular source.

3. **Risk** The emissions from a particular source contribute to the responsible entity's greenhouse gas risk exposure.

4. **Stakeholders** The emissions from a particular source are deemed relevant by key stakeholders.

5. **Outsourcing** The emissions are from outsourced activities that were previously undertaken by the responsible entity or from outsourced activities that are typically undertaken within the boundary for comparable products or services.

## Non-attributable emissions sources summary

| Emission sources tested for relevance | Size | Influence | Risk | Stakeholders | Outsourcing | Justification |
|---|---|---|---|---|---|---|
| *N/A* | | | | | | |



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