

BACB Renewables Ltd Carbon Reduction Plan 2022

Publication date: 08 July 2022

Commitment to achieving Net Zero

BACB Renewables is committed to achieving Net Zero emissions by 2035.

Baseline Emissions Footprint

Year: 2022	
Additional Details relating to the Baseline Emissions calculations.	
<ul style="list-style-type: none"> BACB Renewables have completed baseline emissions calculations as part of our ISO14001 certification. As part of our Financial Year 2022– 2023 reporting period, we will also include recording of Scope 3 procurement of goods. 	
Baseline year emissions: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.00
Offices	0.00 Leased office (1)
Vehicles	0.00 We have no company owned vehicles
Scope 2	0.45
Electricity	0.45 Our consumption is apportioned, and costs are included in the office lease payments.
Scope 3	5.35
Homeworking (Office & heating)	0.23
Hotel stay	0.06 Business trips
Commuting	5.06 Employee commutes
Annual company milage	0.00 Business travel (all forms)
Waste	0.00 We segregate our office waste using the landlord's facilities.
Transportation	0.00 We do not produce any physical products consequently we have no upstream/downstream activities.
Total Emissions	5.80 tCO₂e

Emissions reduction targets

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next six years to 2.4 tCO₂e by 2028. This is a reduction of 50% from the 2022 (our baseline figure) total.

The carbon figures are based on BACB Renewables Ltd working from 1 x office and employing 6 staff.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

- ISO14001 certification
- Decarbonisation of leased fleet to plugin hybrid on a rolling program
- Discussion with Landlord, which led to roof mount Solar PV at Offices reducing the energy consumption.
- Tracking client's carbon savings, resulting from our services

In the future, we hope to implement further measures such as:

- Maintenance of ISO14001 accreditation
- Further decarbonisation of the leased fleet
- Carbon literacy training within the workforce
- We do not manufacture any items Calculating and tracking Scope 3 emissions related to procurement of goods so that we can continue to reduce our carbon footprint.
- E-waste will be recycled when disposed of.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting¹⁴.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard¹⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of BACB Renewables:



Dr Lloyd Glanville, CEnv
Managing Director

BACB Renewables Ltd Carbon Reduction Plan 2023

Publication date: 10 July 2023

Commitment to achieving Net Zero

BACB Renewables is committed to achieving Net Zero emissions by 2035.

Baseline Emissions Footprint

Year: 2023	
Additional Details relating to the Baseline Emissions calculations.	
<ul style="list-style-type: none"> BACB Renewables have completed baseline emissions calculations as part of our ISO14001 certification. As part of our Financial Year 2023 – 2024 reporting period, we will also include recording of Scope 3 procurement of goods 	
Baseline year emissions: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.00
Offices	0.00 Leased offices (2)
Vehicles	0.00 We have no company owned vehicles
Scope 2	0.94
Electricity	0.94 Our consumption is apportioned, and costs are included in the office lease payments
Scope 3	5.67
Homeworking (Office & heating)	0.24
Hotel stay	0.15 Business trips
Commuting	1.77 Employee commutes
Annual company milage	3.51 Business travel (all forms)
Waste	0.0 We segregate our office waste using the landlord's facilities E-waste will be recycled, not sold, when disposed of
Transportation	0.00 We do not produce any physical products consequently we have no upstream/downstream activities
Total Emissions	6.61 tCO₂e

Emissions reduction targets

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 3.31 tCO₂e by 2028. This is a reduction of 57% from the 2022 (our baseline figure) total.

This rise in our carbon footprint during the period 2023 was due to organisational expansion (we now have 2 x offices and employ 7 x staff) and improved measuring techniques.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

- ISO14001 recertification
- Decarbonisation of fleet to plugin hybrid on a rolling program
- Tracking client's carbon savings, resulting from our services

In the future, we hope to implement further measures such as:

- Maintenance of ISO14001 accreditation
- Further decarbonisation of the fleet
- Carbon literacy training within the workforce.
- Calculating and tracking Scope 3 emissions related to procurement of goods so that we can continue to reduce our carbon footprint.
- Increase our waste segregation streams
- E-waste will be recycled when disposed of.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting¹⁴.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard¹⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of BACB Renewables:



Dr Lloyd Glanville, CEnv
Managing Director

Carbon Reduction Plan 2024

Publication date: 23 July 2024

Commitment to achieving Net Zero

BACB Renewables is committed to achieving Net Zero emissions by 2035.

Baseline Emissions Footprint

Year: 2024	
Additional Details relating to the Baseline Emissions calculations.	
<ul style="list-style-type: none"> BACB Renewables have completed baseline emissions calculations as part of our ISO14001 certification. As part of our Financial Year 2024 – 2025 reporting period, we will also include recording of Scope 3 procurement of goods 	
Baseline year emissions: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0.00
Offices	0.00 Leased offices (3)
Vehicles	0.00 We have no company owned vehicles
Scope 2	1.33
Electricity	1.33 Our consumption is apportioned, and costs are included in the office lease payments.
Scope 3	7.66
Homeworking (Office & heating)	0.25
Hotel stay	0.99 Business trips
Commuting	3.60 Employee commutes
Annual company milage	2.82 Business travel (all forms)
Waste	0.00 We segregate our office waste using the landlords facilities E-waste will be recycled when disposed of
Transportation	0.00 We do not produce any physical products consequently we have no upstream/downstream activities.
Total Emissions	8.99 tCO₂e

Emissions reduction targets

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next four years to 4.49 tCO₂e by 2028. This is a reduction of 77% from the 2022 (our baseline figure) total.

The carbon figure has risen over the last two years due to an expansion within the company, resulting in 2 extra offices, extra staff and several computers.

This rise in our carbon footprint during the period 2024 was due to organisational expansion (we now have 3 x offices and employ 10 x staff) and improved measuring techniques. The improved technique has now equipped the organisation with a much-improved monitoring system and consequently a more focused approach to achieving our target and objectives. The revised plan above recognises the fact we do not manufacture goods therefore no upstream or downstream distribution figures are produced by BACB. All business travel and waste activities are recognised and recorded.

Unfortunately, we had to revise the net zero target to 2035 from 2030 to accommodate the expansion of the organisation but are now better placed to achieve the 2035 target of net zero.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

- ISO14001 certification recertification
- Decarbonisation of fleet to plugin hybrid on a rolling program
- Tracking client's carbon savings, resulting from our services
- Continue with waste segregation and recycling

In the future, we hope to implement further measures such as:

- Maintenance of ISO 9001 and 14001 accreditations to ensure working practices are consistent and effective
- Further decarbonisation of the fleet
- Continue carbon literacy training within the workforce and refresher training.
- Calculating and tracking Scope 3 emissions related to procurement of goods so that we can continue to reduce our carbon footprint.
- When purchasing goods, consider low carbon products with recycling disposal

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹³ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting¹⁴.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard¹⁵.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of BACB Renewables:

A handwritten signature in black ink, appearing to read 'L. Glanville', with a long horizontal flourish extending to the right.

Dr Lloyd Glanville, CEnv
Managing Director

Carbon Reduction Plan 2025

Publication date: 25 July 2025

Commitment to achieving Net Zero

BACB Renewables is committed to achieving Net Zero emissions by 2035.

Baseline Emissions Footprint

Year: 2025	
Additional Details relating to the Baseline Emissions calculations	
<ul style="list-style-type: none"> BACB Renewables have completed baseline emissions calculations as part of ISO14001 certification. As part of our Financial Year 2025-2026 reporting period, we will include recording of Scope 3 procurement of goods and are able to provide a value for the waste generated in our operations. 2025 was a year of significant expansion including increased staffing levels and fully utilising 3 offices. 	
Baseline year emissions: 2022	
EMISSIONS	TOTAL (tCO2e)
Scope 1	0.00
Offices	0.00 Leased offices (3).
Vehicles	0.00 BACB Renewables do not own any company vehicles.
Scope 2	14.34
Electricity	14.34 Due to company expansion (extra staff and equipment) and improved data availability, our emissions for the use of electricity has increased substantially. This figure includes lights, heat, computers and other equipment used in the operations of our business.
Scope 3	10.53
Homeworking (Office & heating)	0.36 Employees working from home.
Hotel stay	0.64 Business trips.

Commuting	3.18	Employee commuting to and from workplace.
Annual company milage	5.41	Business travel (all forms).
Waste	0.94	This figure includes food waste. E-waste will be recycled when disposed of.
Transportation	0.00	We do not produce any physical products consequently, we have no upstream/downstream activities.
Total Emissions	24.87	tCO2e

Emissions reduction targets

To continue our progress toward achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 12.44 tCO2e by 2030. This is a reduction of 50% from our 2025 emissions.

The carbon figure has risen over the last year due to an expansion within the company, resulting in extra offices, extra staff and an increase in office equipment (computers, etc).

This rise in our carbon footprint during the period 2025 was due to organisational expansion (we now have 3 fully operational offices and employ 11 x staff) and have improved measuring techniques.

The improved technique has now equipped the organisation with a much-improved monitoring system and consequently a more focused approach to achieving our target and objectives. The revised plan above recognises the fact we do not manufacture goods therefore BACB have no upstream or downstream distribution figures.

All business travel and waste activities are now recognised and recorded. Unfortunately, we had to revise the net zero target to 2035 from 2030 to accommodate the expansion of the organisation and the extra data we can now access, however we are better placed to record all our activities and achieve the 2035 target of net zero.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

- ISO14001 certification recertification
- Decarbonisation of fleet to plugin hybrid/electric vehicles on a rolling program
- Tracking client's carbon savings, resulting from our services
- Conversion to computer towers to reduce e-waste
- Continue with waste segregation and recycling

In the future, we hope to implement further measures such as:

- Maintenance of ISO 9001, 14001 and 27001 accreditations to ensure working practices are consistent and effective
- Further decarbonisation of the lease vehicle fleet
- Continue carbon literacy training within the workforce and refresher training.
- Calculating and tracking Scope 3 emissions related to procurement of goods so that we can continue to reduce our carbon footprint.
- When purchasing goods, consider low carbon products with recycling disposal as part of the life cycle assessment.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of BACB Renewables:

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Dr Lloyd Glanville, CEnv
Managing Director