



The Big Life group Carbon Reduction Plan



Document Reference BLG336
Version 1
Publication date June 2023
To be reviewed June 2024



Commitment to Achieving Net Zero

The Big Life group is committed to achieving Net Zero emissions by 2050.

The Big Life group is committed to reducing the environmental (and the subsequent social) impact that our day-to-day working has - both locally and globally. We believe that it is crucial now, and for future generations, that we make a positive and active contribution to work towards a more sustainable world.

The Big Life group aims to protect the environment and ensure prudent use of natural resources. We will do this by implementing an environmental programme to control and improve our performance, in line with the Environmental Management standard ISO14001 and our Environmental Strategy. This will enable us to:

- minimise the use of energy.
- maximise the use of recyclable and renewable goods and services.
- minimise the production of waste and emissions.
- reduce our carbon footprint.

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year 2019/20	
Additional Details relating to the Baseline Emissions calculations.	
In 2019, The Big Life group made a pledge within its Business Plan 2020/25 to reduce their carbon footprint. In 2020 Big Life began tracking baseline emissions, Scope 1, 2 and 3, reporting our progress annually to the Board and Quality Committee. All our services have been audited against the 14001 environmental ISO standard. The standard has focused the group to set targets on reduction of energy consumption, mileage, and printing. In 2020, with the onset of the coronavirus pandemic we introduced agile working for staff. We have continued to roll out agile working for staff in non-client facing roles.	
Baseline year emissions:	
Emissions	460,964kg CO ₂ e
Scope 1	283,532kg CO ₂ e (85%)
Scope 2	177,432kg CO ₂ e (15%)
Scope 3	1,423kg CO ₂ e

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Water Supply (included Sources)	United Utilities
Scope 3 Water Treatment (included Sources)	2,930kg CO ₂ e United Utilities
Scope 3 Mileage (included Sources)	74,972kg CO ₂ e Staff business mileage reclaim, use of own vehicles.
Scope 3 Printing (Paper) (included Sources)	7,478kg CO ₂ e Woodbank Office Solutions
Scope 3 Waste (included Sources)	No baseline reporting to date. This will be monitored and recorded going forward.
Total Emissions	547,767kg CO ₂ e

Current Emissions Reporting

Reporting Year 2022/23	
Emissions	255,394kg CO ₂ e <i>*Carbon Trust – Carbon Calculator has not been updated to include reporting year 2022, so baseline 2021 reporting year included here.</i>
Scope 1	160,845kg CO ₂ e (63%)

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Scope 2	94,549kg CO ₂ e (37%)
Scope 3 Water Supply (included Sources)	2,968kg CO ₂ e United Utilities
Scope 3 Water Treatment (included Sources)	6,108kg CO ₂ e United Utilities
Scope 3 Mileage (included Sources)	18,027kg CO ₂ e Staff business mileage reclaim, use of own vehicles.
Scope 3 Printing (paper) (included Sources)	3,637kg CO ₂ e Woodbank Office Solutions.
Scope 3 Waste (included Sources)	No baseline reporting to date. This will be included in the updated reports moving forward.
Total Emissions	286,134kg CO ₂ e

*Since the withdrawal of covid restrictions we have reintroduced face to face service delivery within our Schools and Centres. Since our 2019 baseline reporting, our business has seen significant growth, increasing our staff numbers by 161. The move back to 'business as usual' following covid, and the increase of staff is reflected in the increase in usage against some targets. Overall, we have still achieved a 48% reduction of carbon emissions against baseline. To help us continue to work towards achieving Net Zero, we have employed the services of an energy consultant to help identify efficiency savings and have produced a plan for environmentally efficient repairs and upgrades to our buildings.

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Emissions reduction targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease by 2025 as per the table below and we will continue to set new targets for the following business planning period.

<i>Targets:</i>		
	<i>Baseline 2019/20</i>	<i>5-year Target</i>
Reduce Water Consumption We will do this by ensuring: <ul style="list-style-type: none"> • All leaks are fixed timely. • We regularly maintain taps and boilers. • We introduce harvest rainwater in our buildings. • We plan to instal aerators or flow restrictors in taps. • We plan to instal low flush toilets. • We plan to replace toilets with urinals when possible. 	1,423 KG CO ₂ e (4,138 m ³)	10%
Reduce gas consumption (kWh) We will do this with a programme of: <ul style="list-style-type: none"> • Building insulation. • Installation of smart meters. • Improved heating systems/boilers. 	1,542,190 (kWh)	50%

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



<ul style="list-style-type: none"> • Replace with alternative source. • Switch off or turn down heating when not needed. 		
<p>Reduce electric consumption (kWh) We will do this by ensuring:</p> <ul style="list-style-type: none"> • We switch off appliances that are not in use. • We keep the lights off if daylight is sufficient. • We use a smart meter. • We install energy-efficient light bulbs. • We use laptops over desktops. • Reduce solar gain and use of fan heaters. • Only purchasing A rated efficiency appliances. 	694,180 (kWh)	50%
<p>Reduce mileage. We will do this by:</p> <ul style="list-style-type: none"> • Embedding agile working • Supporting staff to plan work to minimise travel. 	74,972 Kg CO2e (271,797 miles)	50%

Document Reference BLG336

Version 1

Publication date June 2023

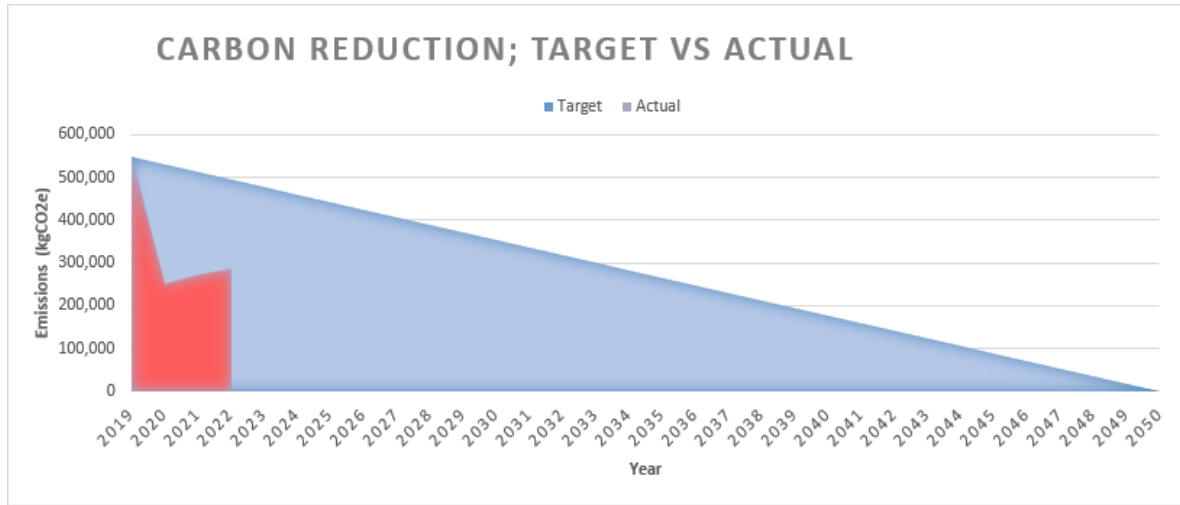
To be reviewed June 2024



<ul style="list-style-type: none">We encourage the use of public transport and car sharing.		
Reduce printing (no. Pages) We will do this by ensuring: <ul style="list-style-type: none">We use alternative online methods to send communication.We use hybrid mail solutions and electronic document management	7,478 Kg CO2e (10 Tonne)	75%



Progress against these targets can be seen in the table below:



For year-on-year progress please see Annexe 1.

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 262tCO₂e, a 48% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

What have we achieved to date:

- Achieved ISO 14001 Environmental Management Certification – all our services have been audited against this standard. The standard has focused the group to set targets on reduction of energy consumption, mileage, and printing.
- Environmental Lead - our Quality Team have attended Carbon Literacy training and we have now engaged a mentor from the Carbon Literacy Project to provide guidance on creation of Carbon Literacy training for The Big Life group.
- Agile working - an agile working change program launched and is now embedded.
- Paper lite Services - most services are paper lite, we have introduced Docman10, a cloud-based software platform that allows us to manage clinical correspondence electronically.
- Sustainable supplier management – we have revised our new supplier process to ensure new suppliers' have sustainability and environmental practices in place evidenced through kitemarks.
- Monitoring consumption - we monitor gas, electric and printing consumption to provide us with benchmarks to set reduction targets.
- Recycling - paper, cardboard, glass plastic and metal recycling in place in all our buildings.
- Lighting replacement programme - existing lighting replaced by LED lighting as expired.
- Electric car charging points - fitted at one site.

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



- External Energy audits - completed for 6 sites to ensure energy and sustainable improvement across our buildings.
- Small initiatives – asked staff in all venues to identify and make small environmental changes.
- Introduced DocuSign to electronically sign documentation without the need for printing and wet signatures.
- Introduced a new staff award for environmental sustainability and new 'recognition card' for staff.
- Provided visibility to our environmental and sustainability priorities through regular Bulletins and 'Feel Good Friday' Green updates for staff.
- Introduced The Big Green lunch to bring environmental topics to staff for discussion.

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

We will Embed sustainable practices within the organisation – We recognise we need to make changes to achieve our targets and reduce our environmental impact. Our Estates strategy will ensure energy and sustainable improvement across our buildings.

- Achieving carbon literacy bronze award.
- Reduce the number of offices by implementing agile estates plan.
- Install electric charging points in work sites.
- Building improvements in 6 sites to reduce environmental impact and energy use.
- New equipment/appliances to be A rated for energy efficiency.

Engage and raise awareness of staff and service users. It is evident that a reduction on our carbon footprint can indirectly provide health benefits to those who access our services and wider. A focus on sustainability compliments The Big Life Way and Big Life group's commitment to fight inequality. We recognise reducing the carbon footprint of the organisation must go hand in hand in supporting individuals to reduce their own carbon footprint particularly in light of agile working.

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



- Roll out of carbon literacy training within the group incl. volunteers.
- Provide visibility of our environmental and sustainability priorities through regular staff bulletins and 'Feel Good Friday' updates and Research and Development webinars.
- Produce case studies to encourage staff to take action.
- Include environmental/green speakers into our Research, Learning and Development webinars.

Declaration and Sign Off

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

Document Reference BLG336
Version 1
Publication date June 2023
To be reviewed June 2024



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 the Supplier:

A handwritten signature in black ink, appearing to read "Emilator".

.....

Date: ...16/06/23.....

³<https://ghgprotocol.org/corporate-standard>

³<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Annexe 1

Objective 1 - Actively reduce our consumption and waste.								
	Baseline 2019/20	5-year Target	Progress 2020/21	% Change from baseline	Progress 2021/22	% Change From baseline	Progress 2022/23	% Change from baseline
Calculate, set targets, and monitor the annual tonnage of CO2e emitted using a carbon footprint calculator	460,964 kg CO2e Scope 1 283,532 Kg CO2e (62%) Scope 2 177,432 Kg CO2e (38%)		232,888 kg CO2e Scope 1 145,594 Kg CO2e (63%) Scope 2 87,294 kg CO2e (37%)	50% ▼	255,725 Kg CO2e Scope 1 162,958 Kg CO2e (64%) Scope 2 92,767 Kg CO2e (36%)	45% ▼	255,394 Kg CO2e Scope 1 160,845 Kg CO2e (63%) Scope 2 94,549 Kg CO2e (37%)	45% ▼
Reduce Water consumption. We will do this by ensuring: <ul style="list-style-type: none"> • All leaks are fixed timely. • We regularly maintain taps and boilers. • We introduce harvest rainwater in our buildings. • We plan to instal aerators or flow restrictors in taps. • We plan instal low flush toilets. • We plan to replace toilets with urinals when possible. 	1,423Kg CO2e (4,138 m3)	10%	1,388Kg CO2e (4,034 m3) ▼ (104 m3)	3% ▼	1,973Kg CO2e (5,735 m3) ▲ (1,597 m3)	39% ▲	2,968Kg CO2e (8,627 m3) ▲ (4,489 m3)	109% ▲

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



Reduce gas consumption (kWh) We will do this with a programme of: <ul style="list-style-type: none"> • Building insulation. • Installation of smart meters • Improve heating systems/boilers. • Replace with alternative source. • Switch off or turn down heating when not needed. 	1,542,190 (kWh)	50%	791,832 (kWh) ▼ (750,358 kWh)	49% ▼	889,704 (kWh) ▼ (652,486 kWh)	42% ▼	878,167 (kWh) ▼ (664,023 kWh)	43% ▼
Reduce electric consumption (kWh) We will do this by ensuring. <ul style="list-style-type: none"> • We switch off appliances that are not in use. • We keep the lights off if daylight is sufficient. • We use a smart meter. • We instal energy-efficient light bulbs. • We use laptops over desktops. • Reduce solar gain and use of fan heaters. • Only purchasing A rated efficiency appliances 	694,180 (kWh)	50%	374,426 (kWh) ▼ (319,754 kWh)	46% ▼	436,901 (kWh) ▼ (257,279 kWh)	37% ▼	445,293 (kWh) ▼ (248,887 kWh)	36% ▼
Reduce mileage.	74,972 Kg CO2e	50%	13,012 Kg CO2e	83%	8,641 Kg CO2e	88%	18,027 Kg CO2e	76%

Document Reference BLG336

Version 1

Publication date June 2023

To be reviewed June 2024



<p>We will do this by ensuring.</p> <ul style="list-style-type: none"> • Embedding agile working • Our staff plan work to minimise travel. • We encourage the use of public transport and car sharing. 	271,797 miles		<p>▼</p> <p>61,690 Kg CO2e</p>	<p>▼</p>	<p>▼</p> <p>66,331 Kg CO2e</p>	<p>▼</p>	<p>▼</p> <p>56,945 Kg CO2e</p>	<p>▼</p>
<p>Reduce printing.</p> <p>We will do this by ensuring.</p> <ul style="list-style-type: none"> • We use alternative online methods to send communication. • We use hybrid mail solutions and electronic document management 	<p>7,478 Kg CO2e</p> <p>10 Tonne</p>	75%	<p>2,070 Kg CO2e</p> <p>▼</p> <p>5,408 Kg CO2e</p>	<p>72%</p> <p>▼</p>	<p>2,949 Kg CO2e</p> <p>▼</p> <p>4,529 Kg CO2e</p>	<p>61%</p> <p>▼</p>	<p>3,637 Kg CO2e</p> <p>▼</p> <p>3,841Kg CO2e</p>	<p>51%</p> <p>▼</p>