Carbon Reduction Plan

General Information

B4B organisational boundaries are set according to the control approach, under which B4B accounts for GHG emissions from operations over which it has control. In this way, we have control over the reduction efforts we put in place. Our operational boundaries consist of the following:

- **Scope 1** emissions include the use of fuels for B4B vehicle fleet

- **Scope 2** emissions from the generation of purchased electricity by B4B

- Scope 3 emissions generated from activities associated with:
    - Waste generated in operations
    - Business travel
    - Employee commuting
    - Upstream transportation and distribution
    - Downstream transportation and distribution

Commitment to achieving Net Zero
B4B is committed to achieving Net Zero emissions by 2050 or sooner.

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: 2021	
Additional Details relating to the Baseline Emissions calculations.	
B4B started collecting and reporting carbon emissions from January 2021 and we will use 1 January 2021 to 31st December 2021 year as our baseline of reporting. Actual data was used for Q1, Q2 and Q3 and a estimate number provided on Q4 based on the average of the previous quarters. As B4B are continually growing we will adopt a carbon intensity score based on employee numbers and also per £M turnover. - Number of employees 1/01/2021: 21 1/11/2021: 30 **Average: 25 -** used for baseline reporting - Turnover figures: 2020 - £5,746,000 2021 (Projected) £5,128,000	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO$_2$e)
Scope 1	53.83 tCO$_2$e – Q1: 9.44 tCO$_2$e – Q2: 14.80 tCO$_2$e – Q3: 15.70 tCO$_2$e – Q4: 13.89tCO$_2$e* *December 2021 projected as part of calculation
Scope 2	6.43 tCO$_2$e – Q1: 1.31 tCO$_2$e – Q2: 1.46tCO$_2$e – Q3: 1.69 tCO$_2$e – Q4: 1.97 tCO$_2$e* *December 2021 Projected as part of calculation

Scope 3	*113.01* tCO$_2$e
	
	Sources:
	   • *0.37* tCO$_2$e *Business travel*
	
	   • *88.36* tCO$_2$e *waste*
	
	   • *24.28* tCO$_2$e *Employee commute*
	
	   • *0.00* tCO$_2$e Upstream emissions*
	
	   • *0.00* tCO$_2$e Downstream emissions*
	
	*Please note preparation has begun to measure both upstream and downstream emissions though engaging the supply chain. This measurement will commence formally in 2022

Total Emissions	Total tonnes of CO$_2$e: **173.27 tCO$_2$e** Total tonnes of CO$_2$e in Scope 1 & Scope 2: **60.26 tCO$_2$e** Total tonnes of CO$_2$e per employee in Scope 1 & Scope 2: **2.41 tCO$_2$e** Total tonnes of CO$_2$e £M turnover in Scope 1 & Scope 2: **11.75 tCO$_2$e**

Current Emissions Reporting

Reporting Year: Q1, Q2, Q3 2021	
EMISSIONS	TOTAL (tCO$_2$e)
Scope 1	53.83 tCO$_2$e – Q1: 9.44 tCO$_2$e – Q2: 14.80 tCO$_2$e – Q3: 15.70 tCO$_2$e – Q4: 13.89tCO$_2$e* *December 2021 projected as part of calculation
Scope 2	6.43 tCO$_2$e – Q1: 1.31 tCO$_2$e – Q2: 1.46tCO$_2$e – Q3: 1.69 tCO$_2$e – Q4: 1.97 tCO$_2$e* *December 2021 Projected as part of calculation
Scope 3	*113.01* tCO$_2$e Sources: • *0.37* tCO$_2$e *Business travel* • *88.36* tCO$_2$e *waste* • *24.28* tCO$_2$e *Employee commute* • *0.00* tCO$_2$e Upstream emissions • *0.00* tCO$_2$e Downstream emissions *Please note preparation has begun to measure both upstream and downstream emissions though engaging the supply chain. This measurement will commence formally in 2022*
Total Emissions	Total tonnes of CO$_2$e: 173.27 tCO$_2$e

Scope 1 Emissions

B4B vehicle fleet

We use fuel receipts to report on the actual litres of fuel consumed by our vehicle fleet (currently petrol and diesel vehicles only).

Scope 2 Emissions

Electricity use
B4B gather information on the electricity used to power our head offices from energy bills

Scope 3 Emissions

Business travel
We review booking details of air/sea travel details on journeys made. We also use mileage claim expense forms which contains information on miles driven by employees using own vehicles for business purposes are used to calculate the litres of fuel consumed. Currently, we make an assumption that 50% of such vehicles are petrol and 50% are diesel. We aim to review this in the future through the use of a company-wide survey for more accurate data. To calculate our findings we used information from the RAC foundation website which gave us up to date information on average fuel consumption for vehicles.

Employee commute
We have include employee commuting within our calculations i.e. the distance from their home address to B4B office. Our calculations were based on employee numbers, average working week and commute distance for each employee (in miles). B4B estimates that on average our employees come into the office 3x per week over 48-week working year, using this as the basis for our calculations.

Waste
This includes emissions from the disposal of B4B office waste processed by a third party. It also includes waste reports data from our contractors which are provided to B4B on a monthly basis.

Upstream Emissions
As mentioned above, upstream emissions are not currently measured however preparation has begun, engaging the supply chain for formal measurement of upstream emissions in 2022 including things such as purchased goods/services from suppliers & transportation/distribution.

Downstream Emissions
As mentioned above, downstream emissions are not currently measured however preparation has begun, engaging the supply chain for formal measurement of downstream emissions in 2022 including things such as use B4B installed products & end of life of sold products.

Emissions reduction targets

B4B are committed to setting aggressive carbon reduction targets. These aggressive targets will help engage our employees &subcontractors in identifying carbon-reduction benefits &

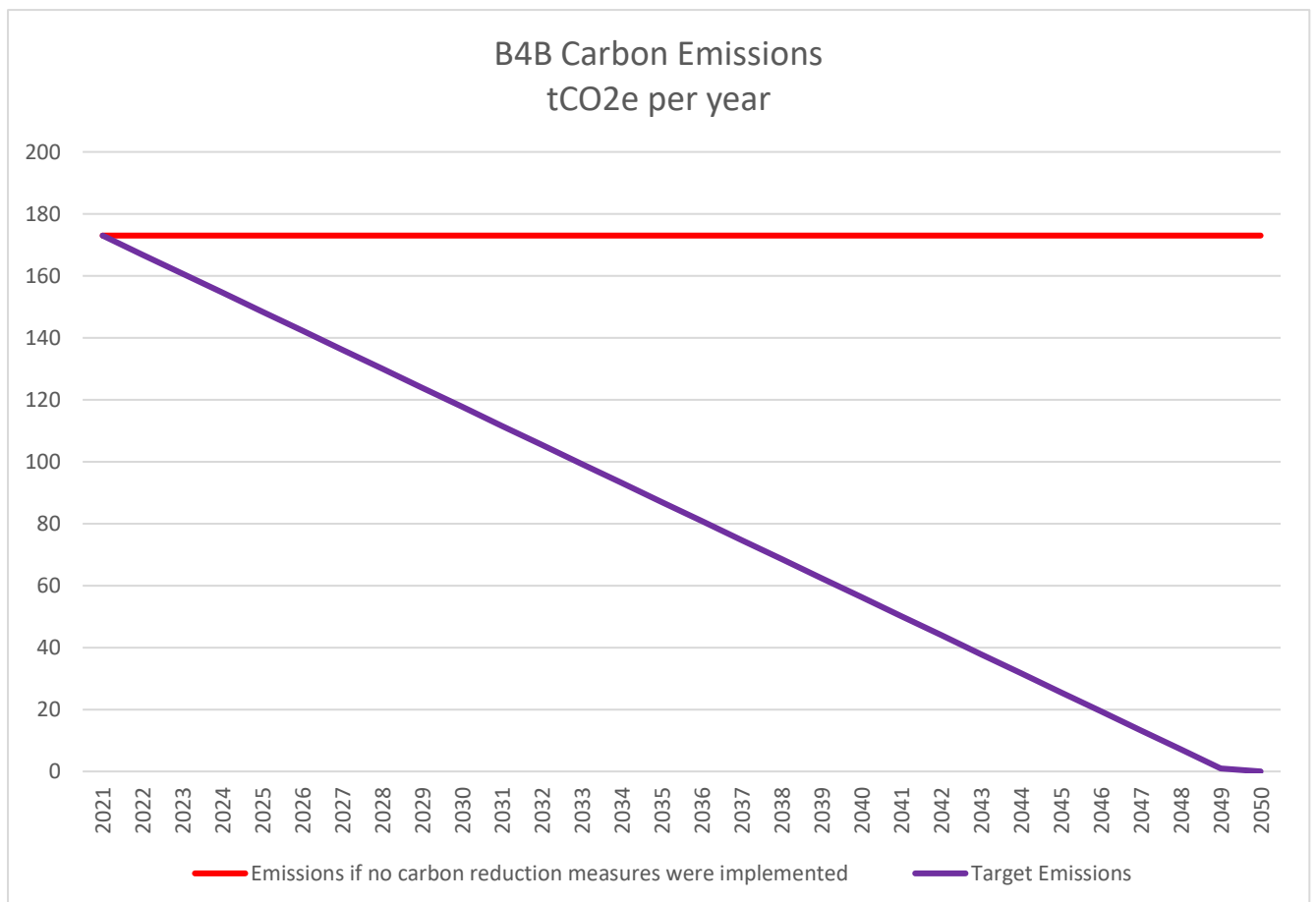highlighting carbon reduction as a priority, ensuring the targets that are set shall be of SMART format.

These targets shall cascade down from organisational KPI's – departmental – personal & be included in their job role &performance reviews. Action required to achieve these KPI'S shall be held on continuous improvement action list. B4B shall ensure that the KPI'S are communicated to all, & they become an integral part of our day-to-day activities.

B4B shall utilise visual management to promote our KPI'S i.e. producing live monthly KPI reports via a traffic light system on our bespoke App which is in development.

B4B notes Scope 3 Supply Chain emissions will likely significantly increase our carbon footprint as we capture and report more detailed emissions in our procurement process.

Our aim is to cut carbon intensity by around 50% by 2030 in Scope 1 and 2 emissions, although if possible we will reduce this further.

Looking forward, we have set a target of achieving net zero carbon emissions by 2050 but hope to achieve this sooner.

B4B Carbon Emissions
tCO2e per year

— Emissions if no carbon reduction measures were implemented   — Target Emissions

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Over 2021 the following initiatives have been completed or are in progress and are scheduled for completion.

Flexible Working

Through no choice of our own in 2020 (Covid-19 pandemic), B4B discovered the benefits of working from home. Benefits to the business have included an increase in productivity in most employees. This reduced the need to commute, thus reducing carbon emissions from vehicles. Office based employees are encouraged to now walk to the office where they can. Where this is not possible, they are encouraged to use public transport or lift share. Office based employees are also offered flexible working hours i.e. they can start earlier or later and avoid rush hour traffic, which causes congestion and further carbon emissions.

Waste Management

We monitor our own and our contractor's waste production. We are in regular communication i.e. toolbox talks with our employees and contractors to ensure as much waste is eliminated/reduced/reused /recycled as possible. A specific site waste management plan is carried out for each project identifying what waste will be generated.
As part of our overall vision towards SHEQ Matters, we have commissioned the build of our own company app. This will enable a wide range of operations to go paperless, thus reducing company waste.

Vehicle Fleet

B4B are making an impact through use of informative telematics data, which is making our drivers more efficient. Each B4B vehicle is fitted with a tracker which outputs useful data. This allows driver behaviours to be monitored for each journey, with drivers losing points for engaging in fuel-thirsty activities such as over-revving, heavy acceleration, harsh braking, sharp cornering, and engine idling.

ISO14001:2015

Environmental protection and enhancement is integral to our company values. In 2021 we have begun the process of becoming ISO 14001:2015 accredited. It is planned that certification audits will take place in 2022.

Planned Carbon Reduction Initiatives

Vehicle Fleet

A key part of our carbon reduction programme is our pledge to switching our current fleet to a fully electric one by end of 2030. We aim to achieve approximately 25% 2 yearly increases in the number of electric vehicles within our fleet:

- 2023: 25% electric fleet
- 2025: 50% electric fleet
- 2027: 75% electric fleet
- 2030: 100% full electric vehicle fleet

B4B have also planned to implement an incentive scheme for drivers with the best scoring telematics i.e. entered into a raffle for a voucher.

Hybrid Working Model
We are aiming to maintain a hybrid working model post pandemic, with attendance at the office required where working from home is not an option further reducing carbon emissions and promoting more sustainable living. B4B will also investigate low carbon choices and investigate mechanisms to ensure staff can reduce their emissions.

Energy Efficiency
B4B have determined that energy efficiency is a highly cost-effective way to reduce emissions, but a comprehensive approach that combines efficiency and renewable power will assist B4B with our targets. We also aim to continue to modify our office space to reduce emissions as far as possible i.e. replacing all bulbs for LED fittings and sustainable lighting measures such as dimmer switches and motion sensors in our office building.

Sustainable Procurement
B4B plan to source materials that have limited impact on environment through production & processing techniques. We plan to select the supplier nearest to the job to minimise carbon on transport, so far as possible. We will continue to encourage all aspects of our supply chain to reduce their carbon emissions as we are.

Lean Operations
Our quality of work & inspection program ensures that jobs are carried out correctly the 1st time, and we plan to develop this further to keep driving operational efficiency. We utilise a handheld (paperless system) device which increases operational efficiency and are always looking at options to improve this further. We determine planned quantities of each type of material per work type & total planned quantities of different materials required. We plan to continue to reduce wastage allowances to good practice levels on major materials, by requiring Just in Time (JIT) delivery.

Waste Management
We will continue to raise awareness among our employees about the importance of sustainable waste management practices. We also aim to work with our build partners to ensure that all waste associated with our network build is minimised and follows the principles of circular economy.

Training & Awareness

B4B have training & awareness campaigns planned to be rolled out regularly to ensure our staff are informed on our Carbon reduction targets & performance, & to encourage ongoing improvements within the workforce.

Carbon Offsetting

B4B recognise that offsetting our Carbon may be unavoidable at the commencement of our Roadmap to become Carbon Neutral. B4B will use Carbon credits to balance the scales on the path to reduction if necessary. B4B will follow requirements of PAS 2060.

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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the B4B Chief Executive Officer.

Signature :

Tommy O'Hagan,
Director
18-11-2021