

Carbon Reduction Plan

Supplier Name: Bluesky International Ltd

Publication date: 29th September 2023

Commitment to achieving Net Zero

Bluesky International Ltd is committed to achieving Net Zero emissions by 2030.

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: 2022

Additional Details relating to the Baseline Emissions calculations.

In our first Carbon Reduction Plan (released in Sept 2022), Bluesky reported on figures for 2021. Since then, we have decided to use 2022 as our baseline year as it represents a more business-as-usual year following the Covid-19 Pandemic and we are able to obtain more accurate data.

The calculations below are based on the 2022 calendar year. The measurement uses an operational boundary approach in accordance with Greenhouse Gas Protocol on corporate accounting and reporting. The measurement includes Scope 1 and Scope 2, with key elements from our Scope 3 emissions that we have calculated so far. The Scope 3 figure will change in future years as we gather more data. We are currently working on gathering data from a few of our biggest suppliers, and know this will have a big impact on the reported figures.

We plan to have a true baseline figure established for 2022 including the key areas of Scope 3, by the end of 2023/early 2024.

We do not physically transport sold products so category 9. Downstream Transportation and Distribution has been excluded.

Boundary approach: Operational Control

Includes our UK and Ireland operations.

Calculations have been based on actual data where available (Scope 1 and 2), and a combination of actual data and spend-based estimates for Scope 3.

Baseline year emissions: 2022		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	2.35	
Scope 2	56	
Scope 3 (Included Sources)	3. Fuel and energy related activities not included in Scope 1 or 2	4.7
	4. Upstream transportation and distribution	Calculation expected early 2024 but not expected to be significant.
	5. Waste generated in operations	Calculation expected end 2023/early 2024.
	6. Business travel	40.3
	7. Employee commuting	25

	9. Downstream transportation and distribution	N/A – product data sold is shared online, therefore we do not need to physically transport any sold products.
	Total Scope 3 Emissions	69.9
Total Emissions Scope 1, Scope 2 and Scope 3		128.3
OFFSETS	We plan to invest in ways to reduce our emissions before we invest in offsets for any remaining emissions.	
Total Offsets	0	
Total Net Emissions		

Current Emissions Reporting

Current year emissions: 2022		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	2.35	
Scope 2	56	
Scope 3	3. Fuel and energy related activities not included in Scope 1 or 2	4.7

(Included Sources)	4. Upstream transportation and distribution	Calculation expected early 2024 but not expected to be significant.
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	6. Business travel	40.3
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	9. Downstream transportation and distribution	N/A – product data sold is shared online, therefore we do not need to physically transport any sold products.
	Total Scope 3 Emissions	69.9
Total Emissions Scope 1, Scope 2, and Scope 3		128.3
OFFSETS	We plan to invest in ways to reduce our emissions before we invest in offsets for any remaining emissions.	
Total Offsets	0	
Total Net Emissions	128.3	

Emissions Reduction targets

We are still calculating our baseline so do not have full clarity on our emissions data yet. This has taken us longer than expected but we are

close to having a complete figure, and the next step will be to set reduction targets and outline a roadmap.

Bluesky has always taken our responsibility for protecting the environment seriously, and this is discussed as an agenda item in Board Meetings.

Future commitments will include measurable targets and recorded metrics on performance to enable a more detailed CRP to be compiled, but ultimately, we are committed to achieving Net Zero by 2030.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Education and Training

We have a membership to the Zellar sustainability platform, which helps SME's monitor and report on their carbon emissions. It centralises various sustainability measures that we will need to benchmark, reduce, offset and promote our sustainable journey. Our profile is available to view [here](#).

In our goal to achieve net Zero we will be able to use the Zellar platform to explore options to offset our residual carbon emissions with verified local and international woodland, peatland, and soil projects.

Our sustainability champion Alice Thompson completed the IEMA Pathways to Net Zero training course in February 2023.

We are also investigating support options from a Carbon Consultant to help us establish a true baseline figure for our emissions (including Scope 3) and to help us plan effective reduction targets.

Heating and Energy

To reduce our energy consumption, we have LED lighting throughout Head Office (as much as possible) and have installed automatic lighting sensors.

We currently use a renewable energy supplier for our Head Office operations in Ashby De La Zouch, which forms 99% of our electricity use.

We plan to switch to a renewable supplier for our Coleraine office in Northern Ireland when our existing contract ends.

We have recently installed an additional two EV charging points at Head Office. We now have a total of 4 charging points to support staff and visitors with EV's.

Recycle and Reuse

We have held an ISO 14001 certification for 10 years (initial certification date was 1st May 2013). Since then we have implemented environmental monitoring and reduction measures like waste reduction and recycling initiatives. As a part of this we have increased the amount of recycling bins around the office with clear descriptions above to encourage proper recycling. We have a think-before-you-print policy and digitally sign documents. This has reduced our paper consumption by 95% since it was introduced.

We maintain and repair our devices such as computers and other hardware as much as possible. Only once they are at the end of their usable life do we dispose of them with a technology recycling company. This complies with the WEEE regulations and the company aims to recycle as many of the components from these devices as possible. In the past couple of years we have not needed to dispose of any devices.

Flight planning, routing and data capture efficiency

We plan our flights to the best route to optimise flight time and quantity of data captured.

We choose the aircraft we use to optimise capture efficiency, so we can fly higher and faster, covering the largest area possible for each flight while still capturing high quality data.

Data sharing

With each flight, we capture data that is shared many times. We capture our off-the-shelf data on a three-year rolling update programme. This data forms most of our products so once captured, the data is used again and again, even many years later.

Environment

In 2021 we planted 1000 trees in the National Forest in an area local to our Head Office. This year we took part in the Big Help Out and those

based out of our Head Office in Ashby De La Zouch spent a morning litter picking across the town. We plan to repeat this regularly and support our employees to take part in more volunteering opportunities like this.

Hybrid Working

Since Covid we have introduced hybrid working for those team members that were previously office based full-time. This has reduced carbon from office commuting by 40%.

Future Carbon Reduction Initiatives

In the future we plan to explore further strategies to reduce our carbon emissions such as reinforced glazing in our owned office buildings, solar panels, renewable energy suppliers, alternative fuel mixes for the aircraft we use, and implement a more rigorous approval policy for flights.

We are investigating options for a more efficient and lower carbon heating system for our head office such as a heat pump. We are also looking into how we could redirect warm air from our server room to other areas of the building during the cooler months.

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.

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.

Signed on behalf of the Supplier:

Rachel Tidmarsh,

Chief Executive Officer

Date: 29th September 2023

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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