

Carbon Reduction Plan

Supplier Name: Bluesky International Ltd

Publication date: 7th October 2024

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.

Our baseline calculations 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 the key elements from our Scope 3 emissions that we have calculated so far. The Scope 3 figure will continue to change in future years as we gather more data. We are working toward gathering data from our most impactful suppliers, and know this will have a significant impact on the reported figures.

We planned to have a true baseline figure established for 2022 including the key areas of Scope 3 for the end of 2024, but due to the delay of a major contract award and the staff resource required to support that, we now expect this figure to be calculated in early 2025.

We do not physically transport products as we licence data through digital channels, 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 2025 but not expected to be significant.
	5. Waste generated in operations	71.8
	6. Business travel	40.3
	7. Employee commuting	28
	9. Downstream transportation and distribution	N/A – as we sell data online, we do not need to physically transport any products.
	Total Scope 3 Emissions	144.7

Total Emissions Scope 1, Scope 2 and Scope 3	203.1
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: 2023		
EMISSIONS	TOTAL (tCO₂e)	
Scope 1	1.27	
Scope 2	51.8	
Scope 3 (Included Sources)	3. Fuel and energy related activities not included in Scope 1 or 2	4.5
	4. Upstream transportation and distribution	Calculation expected early 2025 but not expected to be significant.
	5. Waste generated in operations	72

	6. Business travel	58.6
	7. Employee commuting	19
	9. Downstream transportation and distribution	N/A – as we sell data online, we do not need to physically transport any products.
	Total Scope 3 Emissions	154
Total Emissions Scope 1, Scope 2, and Scope 3		207
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	—	

Emissions Reduction targets

We are still calculating an accurate baseline figure, so do not have full clarity on our emissions data yet. We had hoped to complete this in 2024 but due to a major contract delay requiring additional staff resource to support, we have not made as much progress as we intended. We are aiming to have this completed for early 2025. Following this we will set out reduction targets and a roadmap to achieve these.

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

Recycle and Reuse

Bluesky have held an ISO 14001 certification for 11 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 over 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 few 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 products.

Data sharing

With each flight, we capture data that is shared many times. We capture our off-the-shelf data on a two-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. In 2023 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 similar volunteering opportunities.

Additionally, much of the data we sell is used for environmental monitoring and mapping, to protect, conserve and restore the natural

environment and key habitats. Many examples of this can be found in the [Case Studies](#) section of our website.

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

When we have established a baseline figure & a roadmap to achieve our Net Zero target, we will prioritise areas where we are able to make the biggest impact quickly. We expect this will be with projects such as the installation of a lower carbon heating system powered by an air source heat pump, solar panels & reinforced glazing for our owned office buildings, alternative fuel mixes for the aircraft we use to capture data, choosing fully renewable energy suppliers for all our office locations, investment in energy efficient servers and IT equipment, and implementing a more rigorous approval policy for flights/travel.

We are also keen to investigate how we could redirect warm air from our server room to other areas of the building during the cooler months.

Progress is updated regularly on our Zellar profile which can be found [here](#).

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:

Ralph Coleman,

Chief Commercial Officer

Date: 7th October 2024

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>