



# Carbon Reduction Plan For Bluesky Architects

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# Our Commitment

Bluesky Architects is committed to achieving Net Zero emissions by 2045.

This is an adjustment to our previous target of 2035. The decision to extend our Net Zero target has been taken following consideration of supply chain target trends, with most SMEs setting targets between 2040 and 2050. While we remain ambitious in our approach to reducing emissions we do not operate in a vacuum and must consider wider value chain intentions to set realistic goals for ourselves, especially given the majority of our emissions come from the goods and services we purchase.

## What does Net Zero mean in practice?

To achieve Net Zero, we will be aiming to reduce emissions in line with the latest science-based targets (SBTs). SBTs are greenhouse gas reduction goals set by organisations, they are defined as “science-based” when they align with the scale of reductions required to limit global temperature increases to 1.5°C compared to pre-industrial temperatures. To achieve Net Zero under this scenario, we will need to reduce our absolute emissions by 90% from our baseline year.

SBTi recommends that organisations commit to near-term targets (that cover a minimum of 5 years/maximum of 10 years from the baseline year), as well as long-term targets.

## Our near-term targets:

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- To procure 80% renewable electricity by 2025 (*achieved*).
- To procure 100% renewable electricity by 2030.
- Reduce scope 3 emissions by 42% by 2030.

## Our long-term targets:

- Reduce our total market-based emissions (scope 1, 2 and 3) by at least 90% by 2045.
- Neutralise any residual emissions using verified carbon offsets.

**Scope 1 emissions:** direct greenhouse gas emissions that occur from sources owned or controlled by a company, such as emissions from the combustion of fuels in on-site boilers, furnaces, or vehicles.

**Scope 2 emissions:** indirect greenhouse gas emissions that result from the generation of purchased electricity, steam or other forms of energy consumed by a company.

**Scope 3 emissions:** all other indirect greenhouse gas emissions that occur in an organisation’s value chain, including emissions from upstream and downstream activities.

# Our Carbon Footprint

## Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and are the reference point against which emissions reduction can be measured. Bluesky Architects have previously set a FYE 2021 (01/05/2020 - 30/04/2021) baseline year, however, following updated measurements to align with updated methodologies and assessment of annual measurements up to FYE 2024 it is evident that gaps in data collection and the impact on business travel and commuting and home working from the Covid-19 pandemic caused FYE 2021 and 2022 measurements to misrepresent a normal operating year. In line with the above Bluesky Architects baseline year has been adjusted to the FYE 2023, this is a more accurate depiction of a normal operating year, will allow better target setting and consistent tracking of year-on-year emission trends within categories.

Baseline Year: May 2022 - April 2023	
<p>Bluesky Architects have selected FYE 2023 as the baseline against which future emissions reporting will be considered. This reporting period has been selected as it is deemed the earliest representation of a normal operating year, which is necessary to ensure future reporting is measured against a comparable baseline.</p> <p>Emissions from gas and electricity consumed in the office are accounted for in scope 3 - Upstream Leased Assets, as Bluesky Design has minimal influence over initiatives to reduce emissions from utilities other than encouraging the management company to act.</p>	
Emissions	Total (tonnes CO <sub>2</sub> e)
Scope 1	0.000
Scope 2*	0.000
Scope 3 including: <ul style="list-style-type: none"> <li>- Purchased Goods &amp; Services</li> <li>- Capital Goods</li> <li>- Fuel &amp; Energy Related Services</li> <li>- Business Travel</li> <li>- Transportation &amp; Distribution (Upstream &amp; Downstream)</li> <li>- Employee Commuting &amp; Homeworking</li> <li>- Operational Waste &amp; Water</li> <li>- Leased Assets (Upstream &amp; Downstream)*</li> </ul>	46.704
<b>Total Emissions*</b>	<b>Market-based: 46.704</b>

Our total emissions equate to a Carbon Intensity Metric of 7.784 tCO<sub>2</sub>e per full-time employee equivalent (FTE) based on 6 FTEs during the baseline period (using market-based emissions).

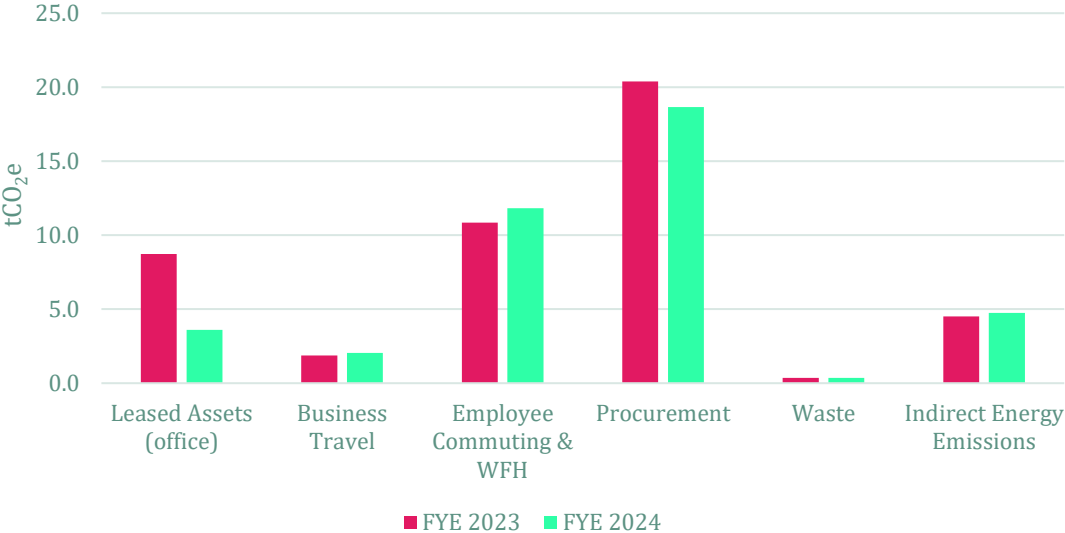
\*Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to report and base our Net Zero target on a market-based methodology.

## Current Emissions Reporting

Current Reporting Year: May 2023 - April 2024	
The measurement boundary and inventory remain consistent with those used to establish the baseline emissions reported above.	
Emissions	Total (tonnes CO <sub>2</sub> e)
Scope 1	0.000
Scope 2*	0.000
Scope 3 including: <ul style="list-style-type: none"> <li>- Purchased Goods &amp; Services</li> <li>- Capital Goods</li> <li>- Fuel &amp; Energy Related Services</li> <li>- Business Travel</li> <li>- Transportation &amp; Distribution (Upstream &amp; Downstream)</li> <li>- Employee Commuting &amp; Homeworking</li> <li>- Operational Waste &amp; Water</li> <li>- Leased Assets (Upstream &amp; Downstream)*</li> </ul>	41.243
<b>Total Emissions*</b>	<b>Market-based: 41.243</b>

Our total emissions equate to a Carbon Intensity Metric of 6.345 tCO<sub>2</sub>e per full-time employee equivalent (FTE) based on 6.5 FTEs during the measurement period (using market-based emissions).

# Annual Carbon Emissions by Category



<b>Measurement Results (FYE 2024)</b>		
<b>By Scope</b>	<b>tonnes</b>	<b>% of total</b>
Scope 1	0.0	0
Scope 2 ( <i>Location-based</i> )	0.0	-
Scope 2 ( <i>Market-based</i> )	0.0	0
Scope 3	41.2	100
<b>By Source</b>		
Direct	0.0	0
Upstream	41.2	100
Downstream	0.0	0
<b>By Category</b>		
Office Utilities	3.6	9
Company Cars	0.0	0
Business Travel	2.1	5
Employee Commuting & Homeworking	11.8	29
Procurement	18.7	45
Distribution	0.0	0
Waste	0.4	1
Indirect Energy Emissions	4.7	12
<b>Total</b>		
Location-based	41.2	-
<b>Market-based</b>	41.2	100

# Carbon Reduction

## Our Net Zero targets

Bluesky Architects is committed to achieving Net Zero by 2045. To achieve Net Zero under this scenario, we will need to reduce our absolute emissions by 90% from our baseline year. To keep us on track, we have also set the following near-term targets to 2030.

## Our near-term targets:

- 
- To procure 80% renewable electricity by 2025 (*achieved*).
- To procure 100% renewable electricity by 2030.
- Reduce scope 3 emissions by 42% by 2030.

## Our long-term targets:

- Reduce our total market-based emissions (scope 1, 2 and 3) by at least 90% by 2045.
- Neutralise any residual emissions using verified carbon offsets.

## Progress

Bluesky Architects' are on track to achieve our short-term target of a 42% reduction in scope 3 emissions by 2030. Between the baseline and FYE 2024 measurement the largest reduction in emissions was associated with purchased electricity, accounted for under scope 3 - Upstream Leased Assets. This was achieved through shifting energy tariffs to achieve our 2025 goal of procuring 80% renewable energy (compared to 14.2% in the baseline year) a year early.

Further reductions were observed in scope 3 - Purchased Goods & Services, despite increased spending during the FYE 2024 measurement. Whilst procurement emissions are currently based on spend-based estimation this is a positive trend. We aim to improve the certainty around these estimates and begin tracking supplier specific emissions in 2025, which will allow for accurate tracking our suppliers emissions and enable us to account for their own reduction achievements.

Slight increases in business travel, commuting and capital expenditure highlight employee travel and commuting as key areas to monitor and consider over the coming years. As we grow in size the number of employees commuting, and likely travelling for business, will inevitably increase. It is therefore important to explore opportunities to facilitate making sustainable choices when travelling and commuting for our employees. Actions and initiatives to support this and further reduction in the categories discussed above have been detailed within this document.

Emissions	Total Carbon Footprint (tonnes CO <sub>2</sub> e)		% Change
	Baseline year: 2022 - 2023	Current year: 2023-2024	
Scope 1	0.000	0.000	n/a
Scope 2	0.000	0.000	n/a
Scope 3	46.704	41.243	-11.7
<b>Total emissions</b>	<b>46.704</b>	<b>41.243</b>	<b>-11.7</b>

Emissions	Carbon intensity metric		% Change
	Baseline year: 2022 - 2023	Current year: 2023 - 2024	
Employees (tCO <sub>2</sub> e per FTE)	7.784	6.345	-18.5



## Completed Carbon Reduction Initiatives

The following emissions management measures and projects have been completed or implemented.

Activity	Completion Date	Scope
<p>Commit to measuring carbon footprint of business activities year on year to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions.</p> <p>Appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.</p>	2021	1, 2, 3
<p>Created a Green Team to lead initiatives. This team supports the roll out of initiatives and management of data, this includes sharing and collaborating throughout the organisation.</p>	2023	1, 2, 3
<p>Developed an Environmental Management System and gained Green Mark Level 3 accreditation. As part of this action plan we have taken the following actions:</p> <ul style="list-style-type: none"> <li>• Incorporated Environmental Policy training into our onboarding process.</li> <li>• Discussion of environmental reduction opportunities as a standard agenda item in company meetings</li> <li>• Made energy efficiency a key consideration as part of our IT replacement strategy.</li> <li>• Began fitting LED lighting when current fixtures reach end of life.</li> <li>• Communicated the benefits of prepping meals at home to reduce packaging waste.</li> <li>• Food waste bin in place within kitchen area.</li> <li>• Implemented a hazardous waste policy to responsibly dispose of electronic waste, WEEE certificates obtained where possible.</li> <li>• Developed a Sustainable Procurement Policy which communicates and lays out our focus on sustainability within supplier specifications.</li> <li>• As part of the Sustainable Procurement Policy - preferential purchasing of products and services that have positive environmental credentials.</li> <li>• Communicated the benefits of using public transport for commuting and business travel where possible. Where car travel is un-avoidable car pooling is encouraged.</li> <li>• Openly communicate our commitments to Net Zero and carbon reduction on our website.</li> </ul>	2023	3

Further information on outstanding actions is outlined in the future reduction plans section below.		
<p>To align with ISO 9001, which was achieved in 2003 and renewed for another 3 years in April 2024, Bluesky Architects have committed to moving to ISO 14001 certification as part of the next audit, due Q1/2 2025. We aim to have achieved this certification by the end of 2025.</p> <p>In the interim we will continue to commit to Green Mark Level 3.</p>	2025	1, 2, 3

## Future Carbon Reduction Plans

We are committing to action the following emissions management measures and projects in line with our Net Zero targets.

Reduction Plans – Scope 1 & Scope 2			
Activity No.	Activity	Target Date	Category
1	<p>There are currently no scope 1 or 2 emissions to address as there are no relevant activities to account for within these scopes. Emissions from the currently occupied office space are accounted for in scope 3 - Upstream Leased Assets, however, as a growing business there is potential for Bluesky Architects to outgrow the current premises, with this in mind factor the below into any decisions around new office spaces as and when this becomes relevant to our organisation.</p> <p>Electricity:</p> <ul style="list-style-type: none"> <li>Does the landlord/management company procurement 100% renewable energy. Or, where utilities are arranged independently, can Bluesky Architects procure a 100% renewable tariff to supply the space?</li> <li>Is the building fitted with on-site renewable energy generation technologies to reduce costs and reliance on the National Grid?</li> <li>Is the building/managing agent ISO 14001 accredited or have similar credentials around environmental management?</li> </ul> <p>Heating</p> <ul style="list-style-type: none"> <li>Avoid buildings with gas heating as a priority.</li> <li>Is there opportunity to move into a property which benefits from a district heating programme?</li> <li>Opt for buildings fitted with alternative solutions such as heat pumps, electric space heaters or electric derived air conditioning systems (ensuring these are well maintained to avoid any F-gas leaks).</li> </ul>	n/a	1, 2 & 3

Reduction Plans – Scope 3			
Activity No.	Activity	Target Date	Category
1	Continue rolling out training and engagement initiatives. Including and not limited to, creating spaces for environmental positive conversations (internal comms, viva engage, Teams etc).	<i>ongoing</i>	Business Travel, Commuting and Home working
2	Develop a Sustainable Procurement Policy. This should encourage suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, contract review (KPIs) and monitoring and/or reporting mechanisms.	2024 & <i>ongoing</i>	Purchased Goods & Services
3	Implement the Sustainable Procurement Policy outlined above by beginning annual supplier surveying. Surveying may be rolled out gradually, initially surveying the top 10/20 suppliers by spend to request further information regarding credentials and increasing in scope annually.  This data collection will support reduction journey by gathering important data for future measurements and encouraging supply chain integration towards Net Zero. It will also aid decisions around opting for sustainable partners as the business grows, building sustainability into relationships from day one.	2025 & <i>onward</i>	Purchased Goods & Services
4	Sustainable travel is already proactively encouraged. We will continue to encourage low emission travel options where appropriate. Utilise the emissions travel hierarchy: <ul style="list-style-type: none"> <li>• Digital communication</li> <li>• Walking and cycling</li> <li>• Public and shared transport</li> <li>• EV's and car sharing</li> <li>• ICE vehicles and car sharing</li> <li>• Air travel</li> </ul>	2025	Business Travel, Commuting
5	Currently office waste is estimated based off whole building disposal contracts. Improving processes for capturing the type, volume and disposal method of waste will allow for increased	2026	Waste

	confidence in this category, including waste associated with equipment and its transportation.		
6	Continue to review with our Landlord and consider low-cost energy efficiency options such as reducing the boiler temperature and adding heat & solar control reflective window sheets.	<i>ongoing</i>	Leased Assets (gas)
7	Current energy tariff is providing >80% renewable energy, we will continue to liaise with the landlord to encourage the procurement of 100% renewable energy as soon as possible.	2025	Leased Assets (electric)
8	Continue to implement positively received behaviour change initiatives within the workplace for reduction of emissions. These include posters and e-communication to raise awareness of sustainable decisions and actions. Sustainable behaviours are now well embedded within day-to-day culture, and we intend to maintain this.	<i>ongoing</i>	Leased Assets (gas & electric)
9	Implement further energy efficiency measures to reduce the overall amount of electricity consumed within our office demise in line with our Green Mark Level 3 certified action plan. Examples of potential reduction measures include: <ul style="list-style-type: none"> <li>• Implementing LED lighting for remaining systems at end of life</li> <li>• introducing sensor lighting, and aligning sensor times to usage patterns (e.g. 3 minutes for corridors, 20 minutes for working spaces)</li> <li>• installing timers on sockets/equipment</li> </ul>	<i>ongoing</i>	Leased Assets (electric)

### Near-Term Reduction Projections (Scope 3)

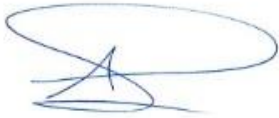
Based upon the above completed and planned initiatives, it is projected that (as a minimum) scope 3 carbon emissions will decrease from the baseline measurement of 46.704 tCO<sub>2</sub>e to 27.088 tCO<sub>2</sub>e by 2030. This is a reduction of 42% and will keep us on track to Net Zero.

# Declaration and Sign Off

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

This Carbon Management Plan has been reviewed and approved by Bluesky Architects' Executive Team.

**Signed on behalf of Bluesky Architects:**



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**Name: Anna Sarginson**

**Position: Director**

**Date: 21/11/2024**

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

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