

Carbon Reduction Plan

Our Commitment to Net Zero

Building Design (Northern) Ltd, commits to achieving Net Zero before 2040. We will reach our Greenhouse Gas (GHG) emission targets by reducing emissions generated across our workplaces and through our daily operations, guided by our ISO accredited policies and procedures that promote sustainable and environmentally friendly working practices.

Corporate Carbon Reduction Plan

Building Design Northern addresses emissions across our workplaces and operations by adopting environmental management measures and targets to achieve goals set out in our net-zero carbon strategy. This strategy is aligned with Procurement Policy Note (PPN) 06/21 in the UK, and other similar policies within our other markets. We measure our workplaces and operational GHG emissions annually, following the required reporting standards and use our environmental management measures and targets to ensure we are exceeding our emission targets. We compare our carbon emission measurements against our baseline emissions (the record of the greenhouse gases that we produced in the past before introducing our Carbon Reduction Plan) across scopes 1, 2 and 3 to ensure we meet our 2040 zero targets. Our approach ensures we make impactful changes in our operations, our company culture and across both our offices.

Ethical Responsibility and Our Duty of Care For Our Clients

Building Design Northern is also committed to our responsibility to assist clients in improving resilience and helping them in their journey towards reducing their carbon emissions and achieving net-zero goals. Our pillar of Technical Excellence prioritises continued innovation, such as introducing new technologies and green innovation across our Architecture and Engineering projects. Our pillar of Commitment to Clients guides our ethical duty to provide them with sustainable schemes that improve the quality of life and preserve natural resources and ecosystems for future generations. We have in-house Environmental and Sustainability team members, as well as a Director of Conservation and Design, who work with companies, governments and private entities to reduce their carbon by developing strategic carbon reduction plans and our experts advise clients on sustainable solutions and provide Environmental Management Plans (EMPs).

“Building Design Northern has committed to achieving **Net Zero** before **2040**”

Our Carbon Reduction Plan

Our Baseline emissions footprint is a record of the greenhouse gases that have been produced in 2021 / 22, following the move into our new headquarters, prior to the introduction of any strategies to reduce emissions. The baseline measurements shall serve as a reference point for which future emission reductions will be benchmarked against.

Baseline Emissions Footprint

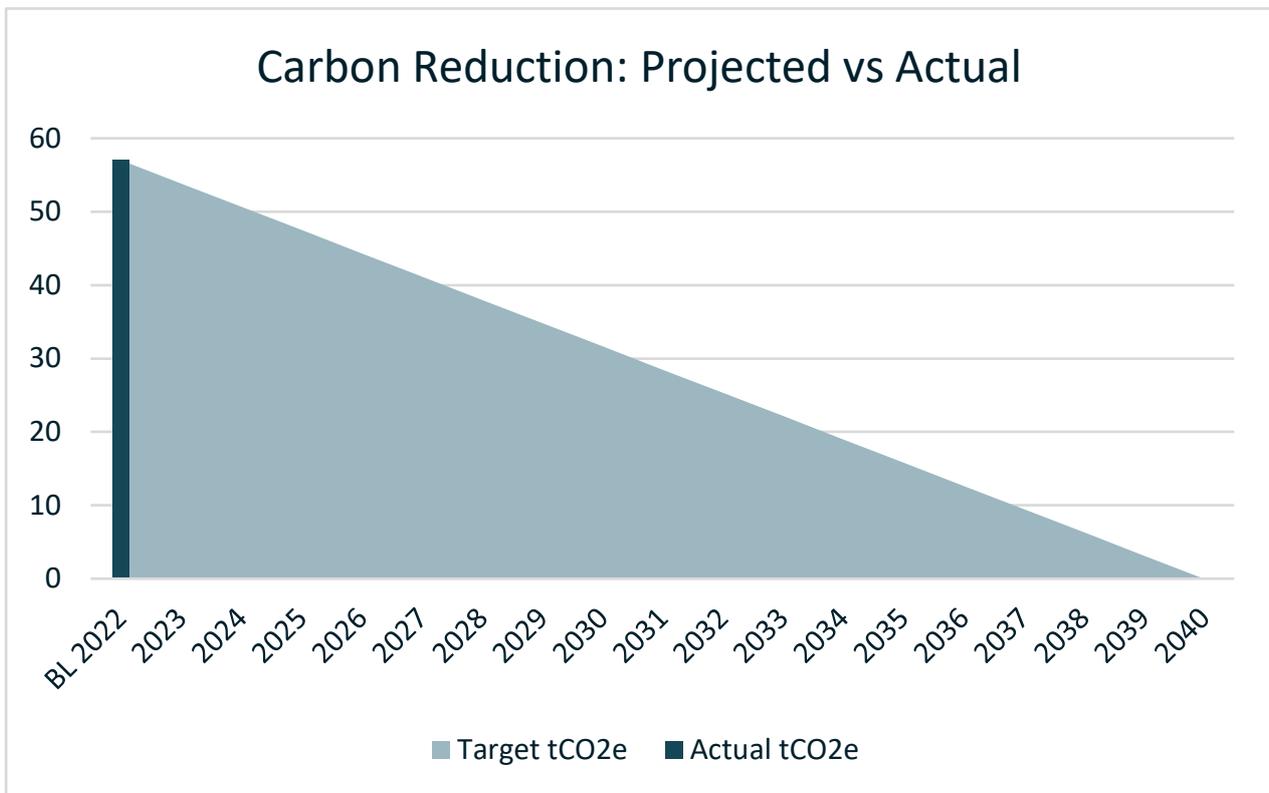
Baseline Year: 2021/22		
tCO ₂ e for scope 1, 2 and 3 Emissions (using DEFRA GHG factors)		
Emissions		Total (CO ₂ e)
Scope 1	Natural Gas	n/a
Scope 2	Electricity	8.17
Scope 3	Business Travel	6.68
Scope 3	Staff Commuting	29.95
Scope 3	Waste Generated in Operations	12.14
Scope 3	Electricity Transportation and Distribution Losses	0.02
Scope 3	Water Supply	0.02
Scope 3	Water Treatment	0.04
	Total Tonnes of CO₂e	57.02
	Number of Employees	25
	tCO₂e/employee	2.28

The following environmental management measures and projects will be completed or implemented following our 2021 / 22 baseline, in which we aim for a 33% total reduction of CO₂e:

- Introduce energy efficient low carbon equipment, lighting and heating systems.
- Where possible, procure certified 100% renewable electricity contracts.
- Encourage staff to utilise more sustainable modes of transport and introduced electric car charging points at our offices.
- Run an innovative communications campaign to educate and drive awareness around events such as World Environment Day.
- Replace non energy efficient IT equipment (printers, monitors).
- Staff to undertake Green Building and BREEAM training

Actions and Projections

We anticipate that by implementing our current actions along with future initiatives and projects we reach net zero as demonstrated in the graph below:



Carbon Reduction: Initiatives and Projects

In the future, we plan to implement the following initiatives and projects to achieving our Net Zero Carbon targets:

- Continue to identify opportunities to reduce our energy usage within our offices focusing on thermal insulation and air tightness.
- Continue to promote flexible working arrangements to limit private and business commuting.
- Appoint a member of our current workforce who will be responsible for identifying opportunities to reduce carbon through smart design solutions, project delivery processes and adopting relevant standards and codes focused on carbon reduction.
- Continue to invest in new and smart IT, telecoms and ventilation systems.
- Encourage staff to adopt more sustainable modes of transport to reduce commuter emissions.
- Run innovative carbon reduction communication campaigns to educate and drive awareness to all staff internally.
- Implementation of BREEAM standards across our current and future offices.
- Ensure we continue to follow the processes stated in our ISO 14001 accreditation, to monitor, control and improve our environmental performance and responsibilities.
- Adopt Science Based target initiatives (SBTi) to set targets and provide guidance to ensure we satisfy future emission targets.



DECLARATION

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, Scope 2 and Scope 3 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 board of directors (or equivalent management body).

Signed on behalf of Building Design (Northern) Ltd:



Richard Marsden
Managing Director

June 2022

