

Carbon Reduction Plan Template

Supplier name: **Block Solutions Ltd**

Publication date: **10th January 2023**

Commitment to achieving Net Zero

Block Solutions is committed to achieving Net Zero emissions by 2050.

We have held this commitment from 2021 when we undertook an assessment of our ESG issues and impacts (environmental, social and governance) working with an external expert consultancy Profit with Purpose. It is vital to us as a responsible business and a key supplier to public services within the UK to minimise our impact on society and the environment. Our ESG strategy and Net Zero plans are central to this.

Our baseline footprint is 2021(71.70tco_{2e}), details of which are provided below. To reach Net Zero by 2050 or sooner, we will achieve a 50% reduction in our Scope 1, 2 and relevant scope 3 GHG emissions by 2030. We will purchase credible carbon removal offsets to reach a Net Zero balance, via nature based and technological solution. In the intervening period we are purchasing carbon avoidance offsets to neutralise our annual emissions.

Achieving Net Zero will require targeted effort and actions in our offices, with our employees and across the supply chain in terms of driving the decarbonisation of purchased capital goods and hardware. As a small office-based organisation our material emission sources are found within the carbon embodied in the products we procure for our clients, from transportation of these products and from the use of the systems we implement. Our carbon footprint boundary excludes the products we purchase and supply; it remains a clear focus for us to consistently demand low carbon component parts and seek the most energy efficient transportation routes.

We will, therefore, work tirelessly upstream and downstream with our supply chain to realise emissions reductions in our processes and operations.

This will include actions across the following key areas across all Scope 3 emissions.

- Ensuring that our technical design and high-level architecture maximises opportunities to leverage the benefits of digitisation to utilise best in class hardware components, networks, and intelligent software
- Ensuring our design leverages technology, including hardware components, software, devices, and hosting services which significantly reduce power and resource consumption
- Working with our suppliers and clients to optimise the use of energy efficient products in

- The design and delivery of client projects and to design optimum

processes for the distribution, delivery and installation of all project components and services.

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.	
<i>Our baseline year emissions relate to office-based emissions – in this case electricity only (Scope 2). We have no gas or company owned vehicle emission sources. Scope 3 emissions relate to business travel and employees working from home.</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0
Scope 2	6.31
Scope 3 (Included Sources)	65.39
Total Emissions	71.70 tCO₂e

Current Emissions Reporting

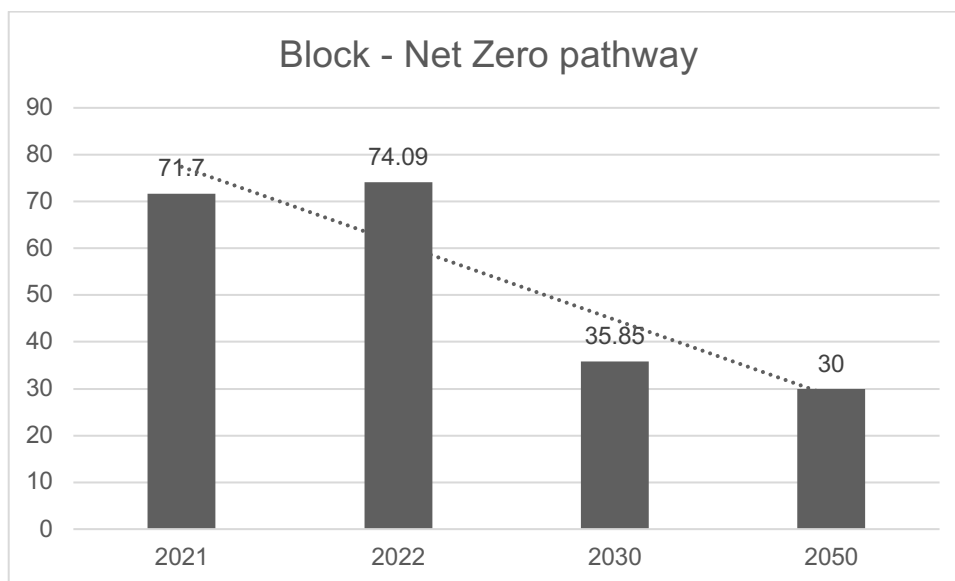
Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	0
Scope 2	9.19
Scope 3 (Included Sources)	64.91
Total Emissions	74.09 tCO₂e

Our 2021 baseline year falls in the Covid-19 period when the majority of employees were working from home and business travel was much reduced. Since the restrictions have been lifted, more employees work in the office and are starting to travel again. This has increased emissions slightly, however, our focus remains on low carbon choices, such as train travel over driving or flying, and we expect emissions to fall as our working pattern stabilises.

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next seven years to **35.85 tCO₂e by 2030**. This is a reduction of **50%**



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline.

Since the introduction of our sustainability strategy in 2021, we have:

- Introduced an Electric Vehicle Salary Sacrifice Scheme to help all of our employees make a greener choice in an affordable and efficient way
- Relunched and communicated our participation within the Cycle to Work Scheme available to all employees
- Removal of all plastic cups, cutlery and sundry items and provided all employees with their own environmentally friendly 'keep cup'
- Implemented a new company-wide print policy which has reduced our paper purchasing by 38% to date

- Significant investment in new product launch that increases our ability to deploy technology remotely reducing our requirement for travel to client site
- Reduced general business travel using video conferencing and hybrid working
- Donated surplus office furniture no longer required to Springfield School local to our Cheshire office who have repurposed it for new classrooms, and have established partnership for any further furniture to be repurposed in the same way resulting in zero waste
- Achieved Cisco Environmental Sustainability Specialisation which assesses our ability to educate clients on the benefits of migrating to cloud-enabled solutions while updating older technologies. The accreditation recognises our efforts to implement sustainable business practices instead of creating products to be consumed and discarded, we are transitioning to a world where products and materials are used again and again.
- Established partnership with certified WEEE/Recycling management company

In the future we hope to implement further measures such as:

- Utilising our real estate (offices and other premises) and hosting capabilities more efficiently,
- Taking specific measures to increase energy efficiency
- Committing to the procurement of 100% renewable electricity where possible
- Engaging our employees and stakeholders further in our wider sustainability strategy
- Establishing new partnerships for equipment repurposing
- Consideration of partnership with tree planting organisations
- Consideration of ISO 14001 Environmental Management System Certification
- Evaluation of all travel policies
- Establishing an Environmental Consciousness Committee within our employee community

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 Block Solutions Limited :

A handwritten signature in black ink, appearing to read 'M Chang', with a long horizontal stroke extending to the right.

Marc Chang, CEO

Date: 10th January 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>