

# DAY

## CARBON REDUCTION PLAN

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Supplier name: **DAY ARCHITECTURAL**

Publication date: **08/06/2023**

### COMMITMENT TO ACHIEVING NET ZERO

At Day Architectural, we are fully dedicated to achieving Net-Zero emissions by 2030. Our company values its role as an environmentally conscious organization and takes responsibility for the potential impact our operations may have on the environment and local communities.

We are resolutely committed to minimizing our environmental footprint and carbon emissions in accordance with government regulations, with the ultimate goal of reaching net-zero by 2030 ahead of the government's aim of net zero by 2050. Recognizing the importance of our actions, we have already taken steps to monitor and document our environmental impact through an environmental monitoring log. This enables us to closely track our energy consumption and make necessary adjustments, such as reducing the use of harmful materials like paper and plastic.

Our unwavering commitment to sustainability drives us to continually improve our practices and contribute to a greener future for all.



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## 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 - 2022 (APRIL - APRIL)

#### Additional Details relating to the Baseline Emissions calculations.

Day Architectural has implemented a comprehensive system to monitor various emissions, including employee mileage for our fleet of four electric vehicles, office paper and plastic usage, general waste management, and office electricity consumption. By meticulously recording these metrics, we ensure transparency and accountability for our environmental impact.

It is with great pride that we announce Day Architectural's attainment of the ISO14001 certification in 2014. This prestigious certification recognizes our commitment to environmental management and sustainability practices. We view this achievement as a testament to our ongoing efforts to minimize our ecological footprint and promote responsible business practices.

Continuing our dedication to environmental stewardship, we will persist in monitoring and managing our emissions, waste, and energy consumption to drive continuous improvement and contribute positively to the environment and our surrounding communities.

### BASELINE YEAR: 2021 - 2022 (APRIL - APRIL) EMISSIONS

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1:	0
Scope 2:	22.79
Office Electricity usage:	18.28
Electricity usage for Electric Vehicles:	4.51
Scope 3:	0.92
Purchased Materials:	0.09
General Waste Disposal:	0.45
Recyclable Waste Disposal:	0.39
Total Emissions:	23.71

## CURRENT EMISSIONS REPORTING

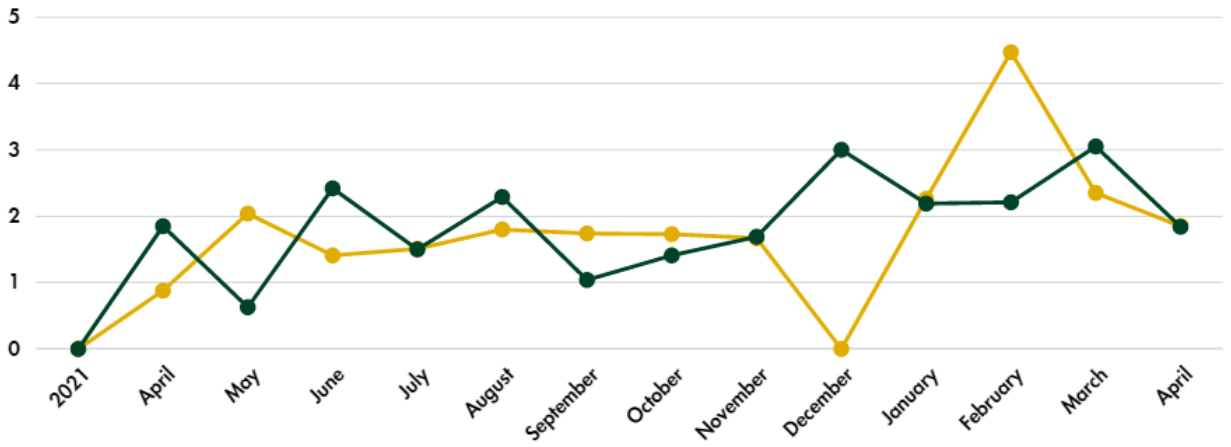
BASELINE YEAR: 2022 - 2023 (APRIL - APRIL) EMISSIONS	
EMISSIONS	TOTAL (tCO2e)
Scope 1:	0
Scope 2:	23.46
Office Electricity usage:	16.14
Electricity usage for Electric Vehicles:	7.33
Scope 3:	1.66
Purchased Materials:	0.11
General Waste Disposal:	0.71
Recyclable Waste Disposal:	0.84
Total Emissions:	25.12

## EMISSIONS REDUCTION TARGETS

Our approach encompasses energy infrastructure, building design, engineering systems, operational control, and development optimization. We strive to achieve the highest standards of sustainability by proactively addressing policy and regulatory compliance, meeting ambitious targets such as WELL, BREEAM, and NZC certifications. We meticulously review local policy requirements, including minimum percentages of renewable technologies and enhancements beyond Building Regulations.

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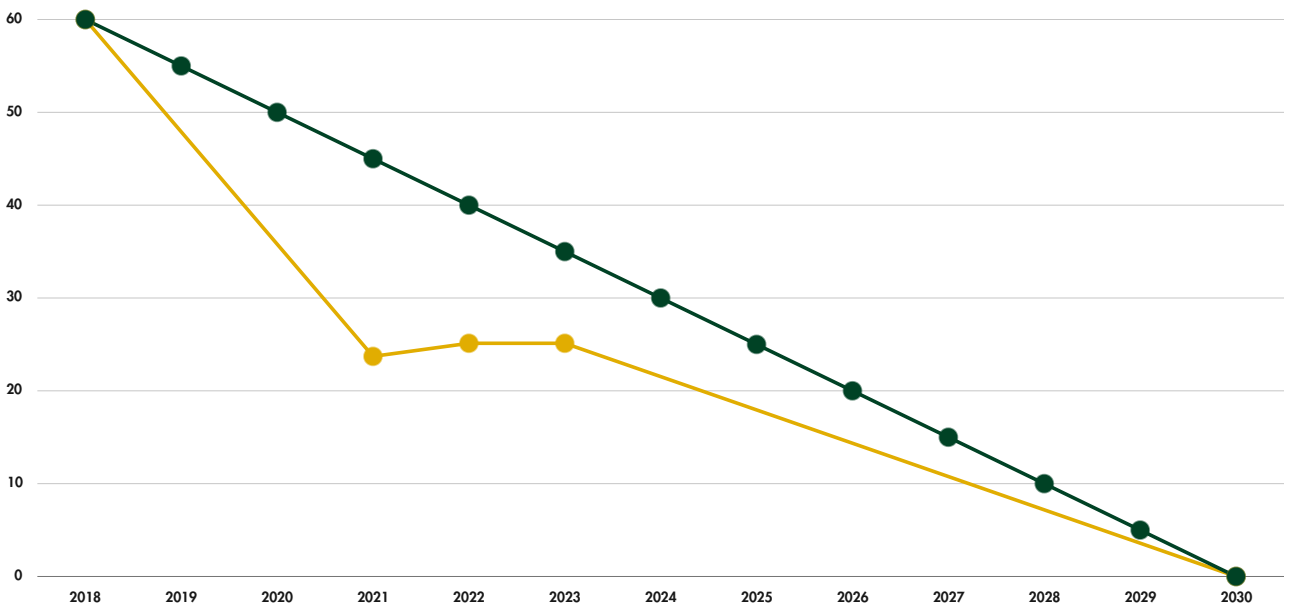
### Monthly Emissions in tCO2e.



- 2021 - 2022 Monthly emission
- 2022 - 2023 Monthly emission

We project that carbon emissions will decrease over the next five years to 15.12 tCO2e by 2028. This is a reduction of 39.81%.

### Emission Reduction Targets to achieve Net Zero by 2030 compared to current emissions.



- - Current Emissions.
- - Net-Zero by 2030 Target.

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## CARBON REDUCTION PROJECTS

### Completed Carbon Reduction Initiatives

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

- Flexible working policy: Implementing flexible work arrangements to reduce commuting and office space needs. Utilizing software such as Microsoft teams to promote virtual meetings and reduce employee travel.
  - Cycle to Work scheme: Promoting eco-friendly commuting to reduce the production of GHG.
  - Low-energy heating systems: Integrating energy-efficient heating solutions for reduced energy consumption.
  - PIR controls and automation: Utilizing occupancy-based controls for efficient management of lighting and heating.
  - Print management strategies: Implementing measures to reduce paper and ink usage in the office.
  - Zero landfill waste and recycling: Committing to proper waste management and recycling practices.
  - Transition to electric vehicles: Shifting the company fleet to 100% electric vehicles.
  - Staff awareness training: Educating employees on sustainability practices.
  - Encouraging virtual meetings: Using virtual platforms to reduce travel-related carbon emissions.
  - ISO14001 audits: Conducting annual assessments to evaluate the effectiveness of the Carbon Reduction Plan (CRP).
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## **IN THE FUTURE WE HOPE TO IMPLEMENT FURTHER MEASURES SUCH AS:**

In our ongoing commitment to sustainability, we have set our sights on the future by seeking meaningful engagement with our office landlord and supply-chain partners. We understand the importance of collaboration and collective efforts in driving significant change. By actively discussing their carbon reduction policies and net zero plans, we aim to foster a shared vision for a greener future. Through these conversations, we can explore opportunities for collaboration, knowledge sharing, and mutual support in our collective journey towards sustainability.

As part of our holistic approach, we are also exploring the possibility of investing in a certified UK Carbon offset scheme. This scheme would allow us to mitigate our unavoidable carbon emissions by supporting projects that reduce greenhouse gas emissions elsewhere. By actively participating in carbon offsetting initiatives, we can effectively balance our environmental impact and contribute to global efforts in combatting climate change.

Additionally, we have recognized the environmental impact of paper usage in our operations. To address this, we are committed to transitioning to a paper-free environment. This transition involves implementing digital solutions, such as electronic documentation, digital workflows, and online collaboration platforms. By reducing our reliance on paper, we can conserve natural resources, minimize waste generation, and significantly reduce our carbon footprint.

Transparency and accountability are essential to our sustainability efforts. We believe in openly sharing our carbon reduction policies to inspire others and foster a culture of environmental responsibility. By publicly sharing our strategies, targets, and progress, we hope to engage our stakeholders, raise awareness, and encourage others to join us in creating a more sustainable future.

Through these initiatives and actions, we strive to be at the forefront of sustainable practices, continuously innovating and improving our environmental performance. We recognize that our collective efforts can create a lasting impact and contribute towards building a greener and more sustainable world for generations to come.

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## 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 standard and uses the appropriate .

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) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

*G. Lynas*

Gary Lynas, Director

Date: 8 June 2023