Corstorphine & Wright

Carbon Reduction Plan

July 2022

Corstorphine & Wright

Supplier name: **Corstorphine & Wright Ltd**
Publication date: **July 2022**

Commitment to Achieving Net Zero

Corstorphine & Wright is committed to achieving Net Zero emissions by 2030.

About Corstorphine & Wright

Corstorphine & Wright is an AJ100 Architectural Practice, delivering design services to a broad range of public and private sector clients. We currently have more than 230 staff operating from 11 leased studios located around the UK.

Our commitment to sustainability and equity underpins our company ethos and both are enshrined in our Environmental Management Policy and Corporate Social Responsibility Strategy. We are longstanding members of the UKGBC and Architects Declare, and support Industry calls for accelerating carbon reduction in buildings through Part Z and other initiatives.

Our intention is to become a net zero carbon practice as soon as is practicable. The strategy for this is led by our Director of ESG, who has responsibility for setting realistic achievable targets and ensuring the robust system of measuring and monitoring we have in place enables us to achieve this aim. It is our intention to achieve the transition by 2030, in line with the intentions of the RIBA and ahead of 2050 target date mandated by the Climate Change Act.

We already have a long established reputation for delivering sustainable design through many BREEAM 'Outstanding' and "Excellent' projects. Increasingly, projects across our portfolio consider operational, embodied, and whole life carbon. We see continuous development of our technical and design expertise through such as WELL, Passivhaus, and Retrofit Certification as key to delivering the most carbon efficient design solutions.

It's important to us that we advocate for (and deliver) low carbon solutions: ones that are stimulating to work on, deliver financial viability, and maximise the social and environmental impact for both clients and end users. Although this is the first year we have calculated our carbon emissions, we welcome the opportunity the Carbon Reduction Plan provides to demonstrate to the UK Government and clients how we plan to meet our carbon zero commitments going forward.

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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

Additional Details relating to the Baseline Emissions calculations

This is the 1st year we have calculated our carbon emissions. Covid -19 and the lockdown periods have meant establishing a baseline for carbon emissions based on 'business as usual' output has been difficult.

Given the continuing uncertainty, we have opted to use data for 2021 (1st Jan – 31st Dec) to establish our baseline for carbon emissions. Despite 2021 not being a 'typical' year, we believe it is likely to provide a more realistic reflection of our emissions going forward as we continue to adjust to a hybrid working model and an increasing reliance upon communications technology such as Teams.

We have used the operational control approach for calculating our carbon footprint. The data underpinning this calculation has been collected from the following sources:

- Our Business Management System, CMAP
- Financial data on Supplier Spend
- 'In-house' Environmental Management Tracker (from November 2021)
- Practice wide Carbon Footprint Survey: Commuting & Working from Home

Emissions have been calculated using Defra GHG Conversion Factors for 2021.

Our baseline calculation includes:

Scope 1: Direct Emissions –calculated from the total gas consumption for all 11 studios

Scope 2: Indirect Emissions - calculated from total electricity consumption for 11 studios

Scope 3:

Category 1 - Purchased Goods & Service

Category 2 - Capital Goods

Category 3 - Fuel & & energy related activities

Category 4 - Upstream Transportation & Distribution

Category 5 - Business travel

Category 7 - Commuting and Working from Home

Please note, our baseline calculation does not include the following Scope 3 category

Category 5 - Waste generated in operations

During the baseline year we did not collect data on operational waste in a form that could be assessed accurately for emissions. Following ISO 14001 Certification in November 2021, this has been addressed and we will be able to report accurately from this year onwards.

Emissions	Total (tC02e)
Scope 1	5.39
Scope 2	33.90
Scope 3	737.43
Total Emissions	776.72 tCO2e

Emissions Reduction Targets

In order for Corstorphine & Wright to progress to achieving Net Zero, we have adopted the following carbon reduction target.

We project that our Scope 1, 2 & 3 carbon emissions will decrease over the next five years to 543.7 tCO2e by 2027. This is a reduction of 30%.

We aim to achieve this level of reduction through a variety of means. Many of these will build upon the existing changes Covid-19 has brought to our day to day operations, benefit from the ongoing environmental management measures introduced in November 2021 in respect of ISO14001 Certification, and utilise innovative new initiatives to drive engagement across the Practice.

All are, or will be, ongoing and remain in process throughout any contract.

Our existing carbon reduction measures include the following:

Continuation of hybrid model of working, increased use of Teams and video conferencing

A switch to renewable energy suppliers across all studio premises, where possible

(or continuing advocacy with landlords)

Achieving ISO 14001 Operational Environmental Targets

ISO 14001 Operational Environmental Targets include:

Reduce

- Business miles
- Number of plane journeys
- Waste
- Paper, printer ink etc usage

Increase

- Recycling of operational waste
- Use of renewable energy
- Use of recycled equipment
- Use of most efficient electrical equipment

In addition to the above, we introduced in July 2022, the following carbon saving initiatives:

A Practice wide salary sacrifice scheme for electric vehicles

Extension to our 'Cycle to Work Scheme' to include access to electric bikes

Refurbishment of several studios to include more LED lighting and improved air quality through biophilic design

Further carbon reduction measures/initiatives planned for later this year/2023 include:

- Alignment of data collection for ISO 14001 and reporting for Carbon Reduction Plans
- A formal Business Travel Policy designed to deliver carbon emission reductions across most modes of travel
- Use of EV Hire Cars for business travel
- Development of a robust disposal system for 'out of use' IT equipment
- Where possible, switching every studio to renewable energy supplier
- Building upon existing advocacy around sustainability within our supply chain (and with clients).
- New processes in place to enable accurate reporting of supply chain's emissions
- Investigate accredited Offsetting schemes and set target for emission reduction
- Improvements to our Carbon Footprint Survey to enable more accurate reporting of commuting and working from home emissions
- Where possible, undertake carbon reduction measures in our offices which focus on lighting, heating and cooling
- Continue to focus on behaviour change within our studios to give all our colleagues the best possible opportunity to reduce their own carbon impacts.
- Assessment of any new or retrofit studio premises to meet RIBA targets for operational and embodied carbon

Anticipated outcomes of the reduction measures/initiatives:

- EV car and bike schemes to increase uptake of electric vehicles by 25% by 2025
- 10% reduction in all business mileage by 2025
- 10% reduction in commuting mileage by 2025
- 50% of studios using renewable energy supplies by 2025

Finally, our recent Carbon Footprint Survey has demonstrated the potential for driving cultural change around carbon emission reduction as well as gaining a better understanding of key Scope 3 emissions and how these might be reduced. We see further development of this as key to significant reductions of Scope 3 emissions.

Declaration & 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 Government emission conversion factors for greenhouse gas company reporting .

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 .

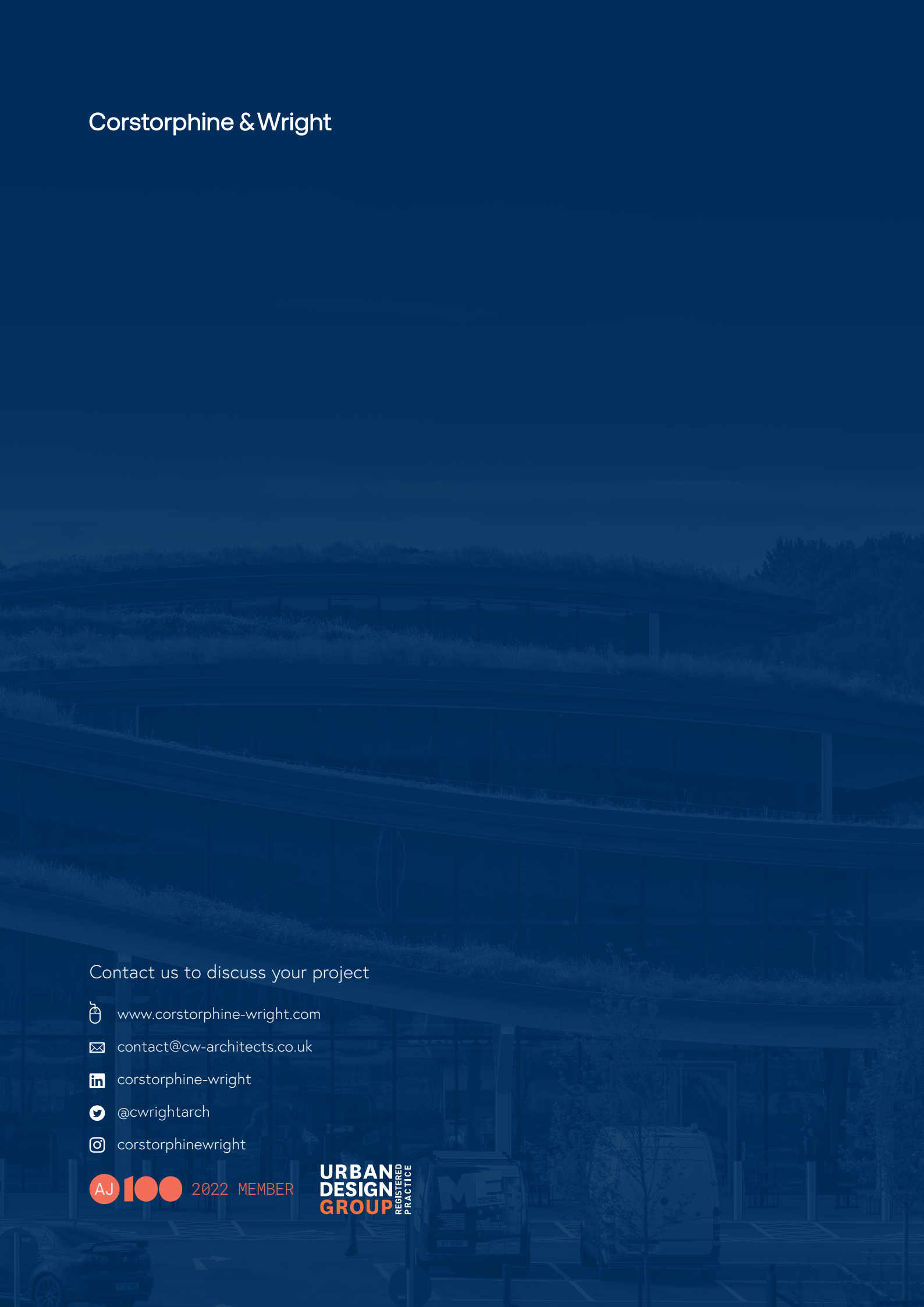
This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Karen H. Crowe

Karen Crowe
Director, ESG

Corstorphine & Wright



Contact us to discuss your project

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