



The Worshipful Company of Constructors
Climate Action Plan

Issued	31/10/2022
Version	V02
Status	Approved
Edited	Steffan Raw Rees Derek Farrow Martin Gettings
Signed off by:	David Sheehan Master Constructor

WORSHIPFUL COMPANY OF CONSTRUCTORS - CLIMATE ACTION PLAN

INTRODUCTION

With buildings, and their associated construction and supply chain, being responsible for 40% of the worlds carbon emissions, it is abundantly clear that the built environment and its Constructors, can not only be a part of the solution to addressing climate change, but could be a significant driver in mobilising the people, the resources, and importantly the positive change not only to participate, but to help lead this compelling agenda.

As Constructors we see this as an opportunity, driving positive change is in our blood. It is why many of us entered the construction industry and its related professions in the first place! It is certainly one of the reasons we joined not only the industry, but also The Worshipful Company of Constructors, and it is why we decided to take action and engage in this important topic.

BACKGROUND

In 2020 The [City of London Climate Action Strategy](#) was updated in continued support of the Paris Agreement on Climate Change (2015). The wider Paris obligations were enshrined into to UK Law by The UK Climate Change Act (2019).

In 2021, City of London Livery Companies came together to prepare a combined response to this challenge, and to support City of London Climate Action Strategy. Following a call for volunteers, the [Livery Climate Action Group](#) (LCAG) was formed with Alderman and Sheriff Alison Gowman as Chair.

The [Worshipful Company of Constructors](#) and another 12 Companies stepped forward to be [the founder members of LCAG](#) and with the full support of the then Master, Arthur Seymour and The Constructors Court, it was agreed that a Climate Action Committee (CAC) should be formed to support participation in LCAG and to develop our own Climate Action Strategy.

Liveryman and Court Assistant Martin Gettings was voted as Chair of the WCC CAC and was supported by founding CAC members Kevin Hydes, Steffan Raw Rees, Paul Singh, Garry Thomas, Simon Cash, Rebecca Thompson, Warden Terry Withers and Reporting Warden Derek Farrow. Throughout 2021 and 2022 the [WCC Climate Action Committee](#) grew as our work continued to advance. The current membership is displayed on the Company website. Terms of reference, in accord with Company Ordinances were agreed, and the aims and objectives of the WCC CAC were also published on the [Companies Climate Action Webpages](#).

The role of LCAG is to encourage Livery Companies to take action on climate issues which are relevant to them. This is supported through a range of [Guidance Notes](#) across a range of topics on the LCAG website, developed in collaboration, specifically by Livery Companies for Livery Companies. These guides can be accessed freely and are provided to help identify the issues that Companies might face, and to hopefully point to where solutions might be found.

The LCAG website also provides guidance on how to establish and build a Livery Climate Action Plan. This is a long-term requirement of LCAG membership. The WCC have followed this guidance to create this plan and are now in the process of implementation.

The resultant WCC Climate Action Plan is set out in this document, which comprises the following sections: -

- 1. WCC Climate Action Commitment, Aims and Objectives**
- 2. WCC Climate Action Strategy**
- 3. WCC Carbon Baseline Measurement**

1. WCC Climate Action Commitment, Aims and Objectives

The Lord Mayor and the City of London Corporation have committed to a Climate Action Strategy for 2020-2027 which has three aims:

- 1. To support the achievement of net zero carbon emissions***
- 2. To build climate resilience***
- 3. To champion sustainable growth***

We share the Lord Mayor and Corporation's vision of a responsible, sustainable and competitive City of London. We commit to helping to achieve the aims and objectives in the City's Climate Action Strategy.

We believe that to reduce the impact of climate change effectively, the interdependent targets that define sustainable cities and communities as set out in the UN's Sustainable Development Goals, which are aligned with the City's Climate Action Strategy, must also be delivered.

We, The Worshipful Company of Constructors (WCC) support the Livery Climate Action Group in its aim of reducing our carbon emissions and our wider impact on the environment and fostering a more responsible and sustainable approach to the use of the planet's scarce resources.

Accordingly, our Company commits itself to establishing a Climate Action Plan to work towards reducing its impact on the environment and will encourage its stakeholders and associated networks to do the same.

The Aims and Objectives of our Climate Action Plan are: -

- To positively influence all WCC activity, and collaborate with other WCC Committees as required to address climate change and biodiversity loss***
- To participate within the City of London Livery Climate Action Group in support of their Climate Action Strategy***
- To engage Construction and Built Environment related Livery Companies with the overall aim of maximising sector influence in this area***

**David Sheehan
Master Constructor**

**Arthur Seymour
Immediate Past Master
Constructor**

**Martin Gettings
Chair Constructors Climate
Action Committee**

WORSHIPFUL COMPANY OF CONSTRUCTORS - CLIMATE ACTION PLAN

2. Climate Action Strategy

To meet our published objectives, our Climate Action Strategy has been structured to reflect where we, as Constructors, can have the most positive impact, as well as support the achievement of net zero carbon emissions, to build climate resilience, and to champion sustainable growth in our most material areas of network and influence.

As a non-hall owning Livery Company, and in line with the agreed LCAG carbon baselining and measuring methodologies, our annual emissions have been calculated to be relatively small, around 25 Tonnes CO2 Equivalent per annum. The detail of this is set out in Section 3 of this Plan. We are committed to find ways to reduce our annual carbon footprint.

However, as Constructors we are resolute in that it is our ability to influence, within our industry and our networks that has the most material significance to support the achievement of our Climate Action Aims and Objectives and it is therefore this area, that we as Constructors, will focus our efforts.

In April 2022, 5 Task Groups were formalised by the CAC to deliver the aims and objectives of the Committee. These WCC CAC Task Groups are listed below.

- Climate Action Committee Governance (Core Group)
- Task Group 1 Climate Action Plan
- Task Group 2 Supporting LCAG.
- Task Group 3 Climate Action Scholarships & Skills
- Task Group 4 Industry Influence
- Task Group 5 Engagement and Impact Reporting

Each Task-Group (TG) will be managed in accordance with the WCC CAC Terms of Reference and will report progress to the core Climate Action Committee in accordance with annual Court timescales and requirements.

The Outline Strategy for each of the TS's is as follows: -

WCC CAC Task Groups (TG's)	Outline Strategy	Proposed Actions and Deliverables
Climate Action Committee Governance (Core Group)	Ensure the long-term success of the CAC and the overall aims and objectives of Climate Action Plan Communicate and report as per the TORs	<ul style="list-style-type: none"> • Formation of a Climate Action Committee with well-defined roles and responsibilities • Maintain and recruit CAC members, who want to be engaged in driving positive change within both the Liveries movement and the industry • Arrange and run relevant meetings • Ensure plans and strategies are fit for purpose and developed into budgeted and resources business plans with Court approval
TG1 Climate Action Plan	Production and implementation of an appropriate Climate Action Plan in accordance with LCAG and other relevant industry guidance and best practice.	<ul style="list-style-type: none"> • Publish and implement approved plans • Regular reviews and communications • Prepare annual impact progress report

WORSHIPFUL COMPANY OF CONSTRUCTORS - CLIMATE ACTION PLAN

	Undertake Carbon Baseline measurement and define an appropriate long-term Net Zero Carbon Reduction Plan	<ul style="list-style-type: none"> • Carry out baseline calculations • Agree with Court extent of realistic reduction and offset activity • Establish a straightforward checklist and template for ongoing WCC operational improvements to reduce our carbon footprint • Develop a Net Zero Carbon Reduction Plan
TG2 Supporting LCAG.	Participate in LCAG activity in areas that Constructors are readily available and able to help and support.	<ul style="list-style-type: none"> • Co-opt various CAC members to various LCAG working groups roles and governance team • Help organise and participate in LCAG events both online and in person • Sponsor, support, and help deliver the annual LCAG Conference • Produce guides for publication on the LCAG website
TG3 Climate Action Scholarships and Skills	Support and encourage the future workforce with the right skills and understanding to deliver net Zero, Nature Based Cities and Built environment	<ul style="list-style-type: none"> • Partner with Supply Chain Sustainability School and our own Scholarships Committee to deliver Climate Action Scholarships • Participate in City of London Skills for a Sustainable Skyline Taskforce
TG4 Industry Influence	Leverage our industry networks contacts and relationships to drive better awareness understanding and participation to help move this agenda forward at pace	<ul style="list-style-type: none"> • Participate in relevant industry initiatives working groups • Explore and develop appropriate partnerships to further this agenda • Establish a Climate Action Group within the Construction Liveries Group
	Foster a better understanding of the work of the Constructors and LCAG and where appropriate recruit new Livery members	<ul style="list-style-type: none"> • Grow the WCC CAC membership with recruits from current membership • Seek new members from appropriate networks and industry
TG5 Engagement and Impact Reporting	Establish an appropriate engagement strategy to inform and communicate and report both internally to members and externally to potential new members or industry networks and affiliations. Overall aim is to drive awareness and raise perceptions of the Constructors and the Livery movement in general	<ul style="list-style-type: none"> • Establish Constructors Climate Action Webpages • Published agreed Aims and Objectives. • Leverage social media to communicate our plans and generally raise awareness of our CAC. • Presented our experiences to encourage other Livery Companies, to form a CAC and join LCAG
	Establish an appropriate impact report to communicate our ongoing work and track performance against our aims and objectives	<ul style="list-style-type: none"> • Publish an annual impact report • Track long term carbon reductions • Consider most appropriate carbon offset solutions, possibly in collaboration with LCAG • Track long term pro bono activity and explore relationship with carbon offsetting

3. Carbon Baseline Measurement

To support achievement of 'Net Zero Carbon Emissions' and address climate change we must first measure and understand the scale of current WCC activity at an organisational or Company level. This Carbon Baseline measurement is essential so that we can understand its significance relative to other areas of impact, such as industry influence and leadership.

LCAG have agreed on the methodology for these baselining calculations, bearing in mind the nature of the Liveries movement and the 'SME' status of the organisations involved. Baseline emissions measurements are a record of the greenhouse gases (GHG) that have been produced in a given period 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, in later years.

LCAG Agreed Baseline Year: 2021

Additional Details relating to the Baseline Emissions calculations:

LCAG have confirmed for non-hall owning Companies such as WCC the following:-

- GHG Protocol Scope 1 (fossil fuel burning) and Scope 2 emissions (purchased electricity) are not applicable, and not to be used within the Baseline Calculation for non-hall owning companies
- GHG Protocol Scope 3 emissions for Water and Waste from Operations are not applicable and not to be used within the Baseline Calculation for non-hall owning companies

The WCC's Chair of the Charitable Fund has confirmed that Scope 3 emissions related to Investments are not applicable as all WCC investments are within 'ESG Funds' and have been confirmed as such by the Companies External Investment Manager and reviewed and approved by the Charitable Fund and The Master.

LCAG have confirmed that the Carbon Baseline Measurement is to be calculated using:

- [The Climate Care Calculator](#) for Meals, Business Travel and Business Travel Accommodation.
- [The Heart of the City Carbon Calculator](#) for Employees Working from Home and Purchased Goods & Services.

Information relating to annual activity has been gathered to populate the calculation tools and the output of which is provided later in this section. For the purpose of calculating a 2021 baseline in absence of certain specific data, several assumptions had to be made. These include:

- 80% of members and guests travel by train to Company and City functions, with an average train journey of 50 miles
- 80% of members use their petrol car to the station with an average car journey of 5 miles
- 20% of members use a taxi to travel to events with an average journey of 50 miles
- 10% of members stay overnight at dinner

WORSHIPFUL COMPANY OF CONSTRUCTORS - CLIMATE ACTION PLAN

Baseline year emissions:

Data obtained using the Calculation methodology agreed by LCAG

EMISSIONS	TOTAL (tCO₂e)																		
Scope 1	0																		
Scope 2	0																		
Scope 3 (Included Sources)	<p>23.05</p> <p>Our Scope 3 emissions breakdown is as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%;">Subsets</th> <th style="width: 30%;">Tonnes CO₂e</th> </tr> </thead> <tbody> <tr> <td>Meals</td> <td style="text-align: center;">2.04</td> </tr> <tr> <td>Business Travel</td> <td style="text-align: center;">9.71</td> </tr> <tr> <td>Business Travel Accommodation</td> <td style="text-align: center;">1.70</td> </tr> <tr> <td>Employees Working from Home</td> <td style="text-align: center;">3.24</td> </tr> <tr> <td>Water</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Waste from Operations</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Purchased Good & Services</td> <td style="text-align: center;">6.36</td> </tr> <tr> <td>Investments</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	Subsets	Tonnes CO ₂ e	Meals	2.04	Business Travel	9.71	Business Travel Accommodation	1.70	Employees Working from Home	3.24	Water	0	Waste from Operations	0	Purchased Good & Services	6.36	Investments	0
Subsets	Tonnes CO ₂ e																		
Meals	2.04																		
Business Travel	9.71																		
Business Travel Accommodation	1.70																		
Employees Working from Home	3.24																		
Water	0																		
Waste from Operations	0																		
Purchased Good & Services	6.36																		
Investments	0																		
Total Emissions	23.05																		

This Baseline Emissions Calculation will be used to determine to Carbon Reduction measures that will be implemented going forwards.

Other considerations such as accuracy of data and the ability of the Company to make meaningful reductions will be taken into account when developing this Baseline assessment into a Net Zero Carbon Reduction Plan.

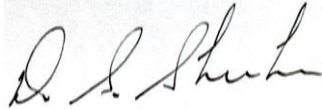
WORSHIPFUL COMPANY OF CONSTRUCTORS - CLIMATE ACTION PLAN

Declaration and Sign Off

This Climate Action Plan has been prepared by the WCC Climate Action Committee and has been reviewed and signed off by the WCC Master and Court.

Signed on behalf of the Worshipful Company of Constructors:

David Sheehan – Master Constructor



.....

Date: 31 October 2022