

Environmental
Policy Document

Responsible Design



CHAPMAN TAYLOR

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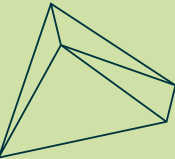
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This document outlines Chapman Taylor's Carbon Management plan and aspiration to achieve Net Zero Emissions by 2050. Our Carbon reductions target covers Scope 1, Scope 2, and Scope 3 emissions.

MISSION STATEMENT

Having committed to reducing the carbon emissions from our projects, Chapman Taylor is now focusing on the impact of our own business activities.

We are actively reviewing all aspects of our operations across Scopes 1, 2 and 3 of the Greenhouse Gas Protocol (GHG Protocol) and are putting in place measures to reduce our CO2 emissions. We have undertaken to sign-up to the Science Based Targets initiative to provide third party recognition of our targets and our assessment criteria.

We take a 'Responsible Design' approach to our projects, considering not just climate change issues, but also the social, economic and ethical dimensions, based on the UN Sustainable Development Goals and principles of exemplary placemaking. A focus on reducing our Scope 3 emissions through a careful re-evaluation of our international travel requirements and relationships with like-minded suppliers.

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31st July 2025



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31st July 2025

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We are a global practice of award winning Architects, Masterplanners and Interior Designers.

With experience in every major industry sector, we specialise in Residential, Retail, Leisure, Transportation, Hospitality and Workplace design.

We are able to blend these uses into vibrant mixed-use environments for people to enjoy.

Established in London in 1959, we have long-standing relationships with many of the world's leading developers, contractors, consultants, investors and brands.

Clients benefit from the breadth of our pooled knowledge and creative expertise across design studios in Asia, Europe and the Middle East.

Designing for the wellbeing of people, places and the planet.

Our Values



CREATIVE

Our creative design approach enables us to produce outstanding projects that stand the test of time. Successful places and buildings result from fostering creative talent in all our studios, and by encouraging a collaborative culture and cross-fertilisation of design ideas and expertise.



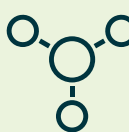
RESPONSIBLE

Beyond environmental sustainability, we take into account the wider socio-economic implications of all our projects, including the effect on the physical and mental wellbeing of those who inhabit and use the spaces we create. We describe this approach as 'Responsible Design'.



COLLABORATIVE

Our design studios across Asia, Europe and the Middle East work collaboratively and are able to draw on a wealth of complementary design expertise to ensure the best possible design solutions. Our diverse mix of nationalities and cultural understanding provides a unique base from which to develop and deliver high quality bespoke design solutions.



CLIENT-FOCUSED

Chapman Taylor's design approach is to listen to and understand each client's aspirations and visions. Good design results from exceptional team-work and strong leadership. To deliver this, we recognise the need to nurture client relationships to ensure that each bespoke design project is based on an in-depth understanding of our client's vision, brief, local culture and investment aspirations.

We design award-winning, creative and successful buildings and spaces.

Operating from 13 regional design studios across Asia, Europe and the Middle East, we have designed ground-breaking projects in over 100 countries.

● Our Studios

- London est. 1959
- Abu Dhabi est. 2015
- Bangkok est. 2011
- Beijing est. 2022
- Bristol est. 2012
- Brussels est. 1993
- Dubai est. 2015
- Düsseldorf est. 1997
- Madrid est. 2000
- Manchester est. 2000
- Prague est. 1998
- Shanghai est. 2008
- Warsaw est. 1999

● Countries We Work In

- | | | | | | |
|-------------------|----------------|------------|-------------|------------------|----------------|
| Albania | China | Hong Kong | Lithuania | Peru | Switzerland |
| Algeria | Colombia | Hungary | Luxembourg | Philippines | Syria |
| Angola | Côte d'Ivoire | Iceland | Macedonia | Poland | Tanzania |
| Antigua & Barbuda | Croatia | India | Malaysia | Portugal | Thailand |
| Argentina | Cyprus | Indonesia | Maldives | Qatar | Tunisia |
| Austria | Czech Republic | Iran | Malta | Romania | Turkey |
| Australia | Dominican Rep. | Iraq | Mexico | St Kitts & Nevis | Ukraine |
| Azerbaijan | Egypt | Ireland | Moldova | Saudi Arabia | UAE |
| Bahrain | Ecuador | Israel | Morocco | Serbia | United Kingdom |
| Belgium | Estonia | Italy | Montenegro | Seychelles | Uzbekistan |
| Bolivia | Ethiopia | Jordan | Myanmar | Singapore | USA |
| Bosnia | Finland | Kazakhstan | Netherlands | Slovakia | Vietnam |
| Brazil | France | Kenya | Nigeria | Slovenia | Yemen |
| Brunei | Georgia | Kyrgyzstan | Norway | South Korea | |
| Bulgaria | Germany | Latvia | Oman | Spain | |
| Cameroon | Ghana | Lebanon | Pakistan | Sri Lanka | |
| CAR | Greece | Libya | Panama | Sweden | |


3000+
Projects


100+
Countries


300+
Awards


13
Locations


45+
Nationalities


35+
Languages

With over 60 years of design experience, we provide world class expertise across the following industry sectors:



Masterplanning



Hospitality



Residential



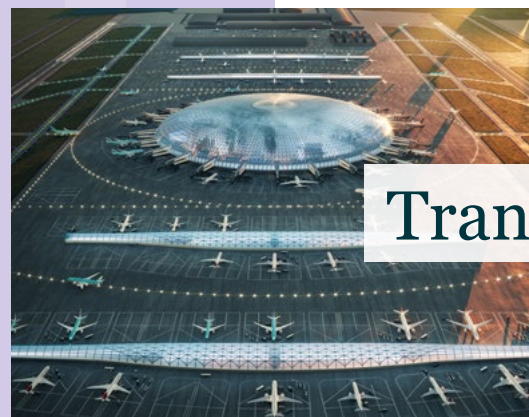
Leisure



Mixed-use



Retail



Transportation



Workplace



05 RESPONSIBLE DESIGN

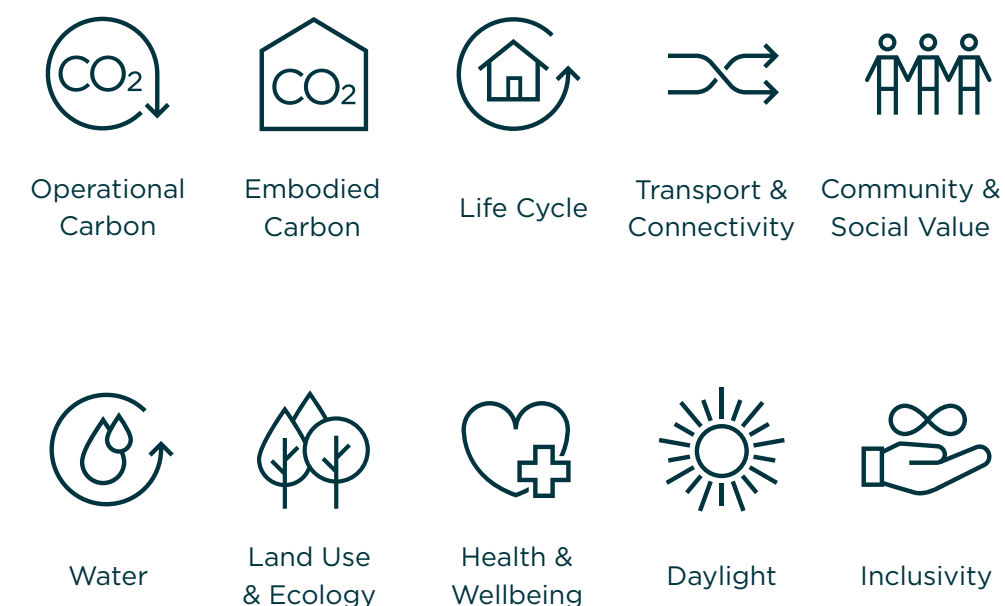
UN Sustainable Development Goals and RIBA Sustainable Outcomes.

The structure of our core Responsible Design Principles is based on the 17 UN Sustainable Development Goals distilled down into the 9 RIBA Sustainable Outcomes that all buildings contribute to. As a practice, this forms our 8 Responsible Design core considerations outlined below.

Our core Responsible Design Principles are based on the UN Sustainable Development Goals.



As a practice, this forms our Responsible Design Core Considerations:



At Chapman Taylor, **Environmental, Social, and Governance (ESG)** forms the foundation of our commitment to corporate social responsibility and sustainable development.

As a leading design practice, we recognise the need to align our operations with ESG principles to create a lasting positive impact on the world and align with our clients' values.

E

ENVIRONMENTAL

At Chapman Taylor, we track key performance indicators (KPIs) in areas such as carbon emissions, lifecycle management, water usage, and biodiversity.

Our commitment spans beyond individual projects to include our studios, ensuring we actively reduce our environmental footprint while upholding our clients' expectations for sustainable design.

S

SOCIAL

Social responsibility is central to our design philosophy and our internal culture.

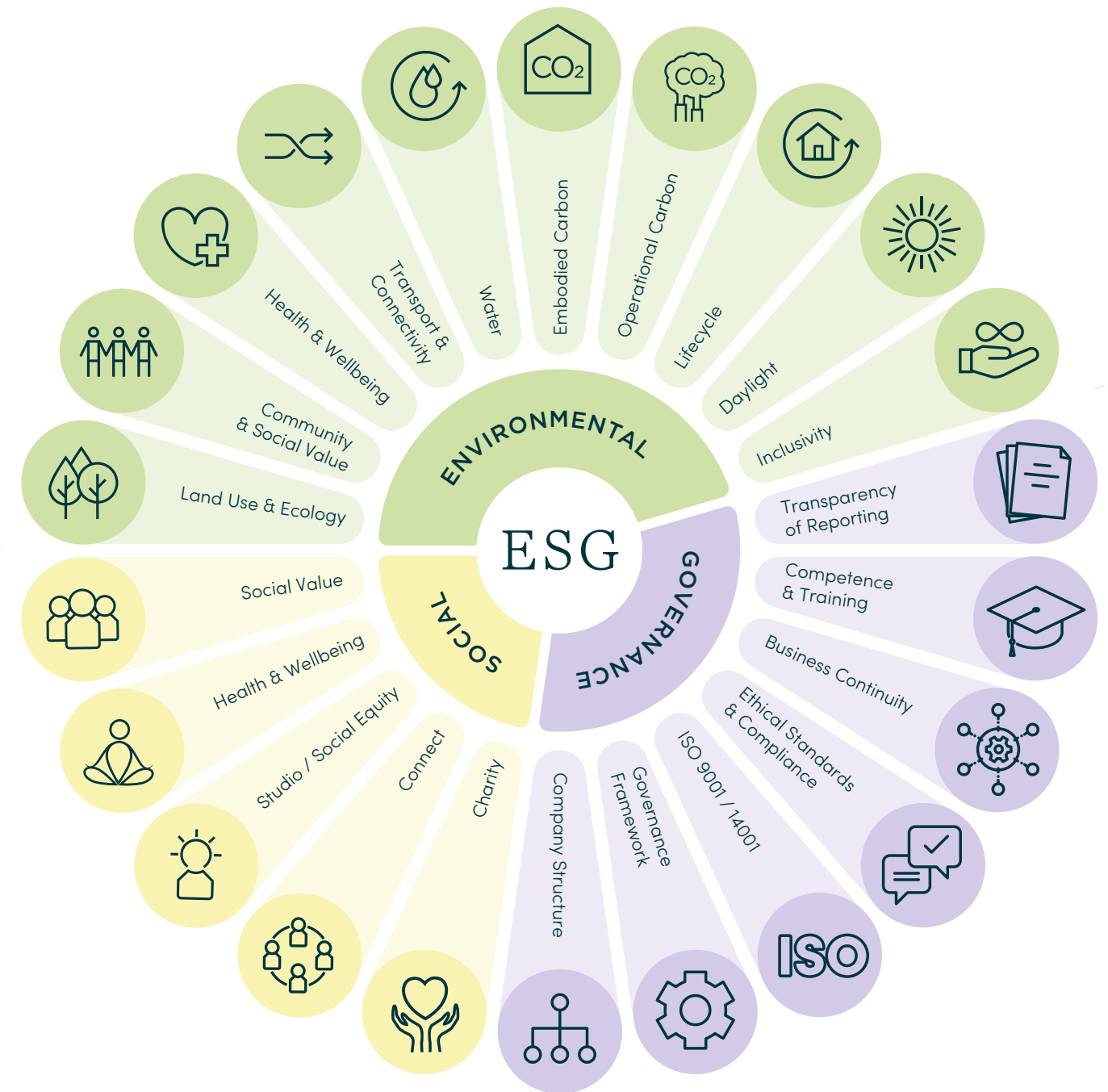
At Chapman Taylor, we aim to foster a more inclusive workplace and contribute to building a better world through thoughtful, socially responsible design and practices.

G

GOVERNANCE

Governance underpins everything we do at Chapman Taylor. It ensures we operate with transparency, implement robust processes, and uphold the structures needed to deliver on our ESG commitments.

Strong governance drives the social values we promote and ultimately supports the environmental outcomes we strive to achieve.



At the heart of our work is designing for the wellbeing of **people, places and the planet.**

We take a 'Responsible Design' approach to our projects, considering not just climate change issues, but also the social, economic and ethical dimensions, based on the UN Sustainable Development Goals and principles of exemplary placemaking.

As custodians of the environment for future generations, we work with our clients to help them achieve their Environmental, Social and Governance (ESG) commitments, whilst optimising the returns on their investments.

As a practice we work across our studios to minimise the impact of our business on the environment. We have been undertaking our Carbon Footprint Assessment annually since 2019 and are establishing targets to help us meet our carbon reduction commitment to achieve Net Zero Emissions by 2050 and for these efforts to be verified by the Science Based Targets initiative.



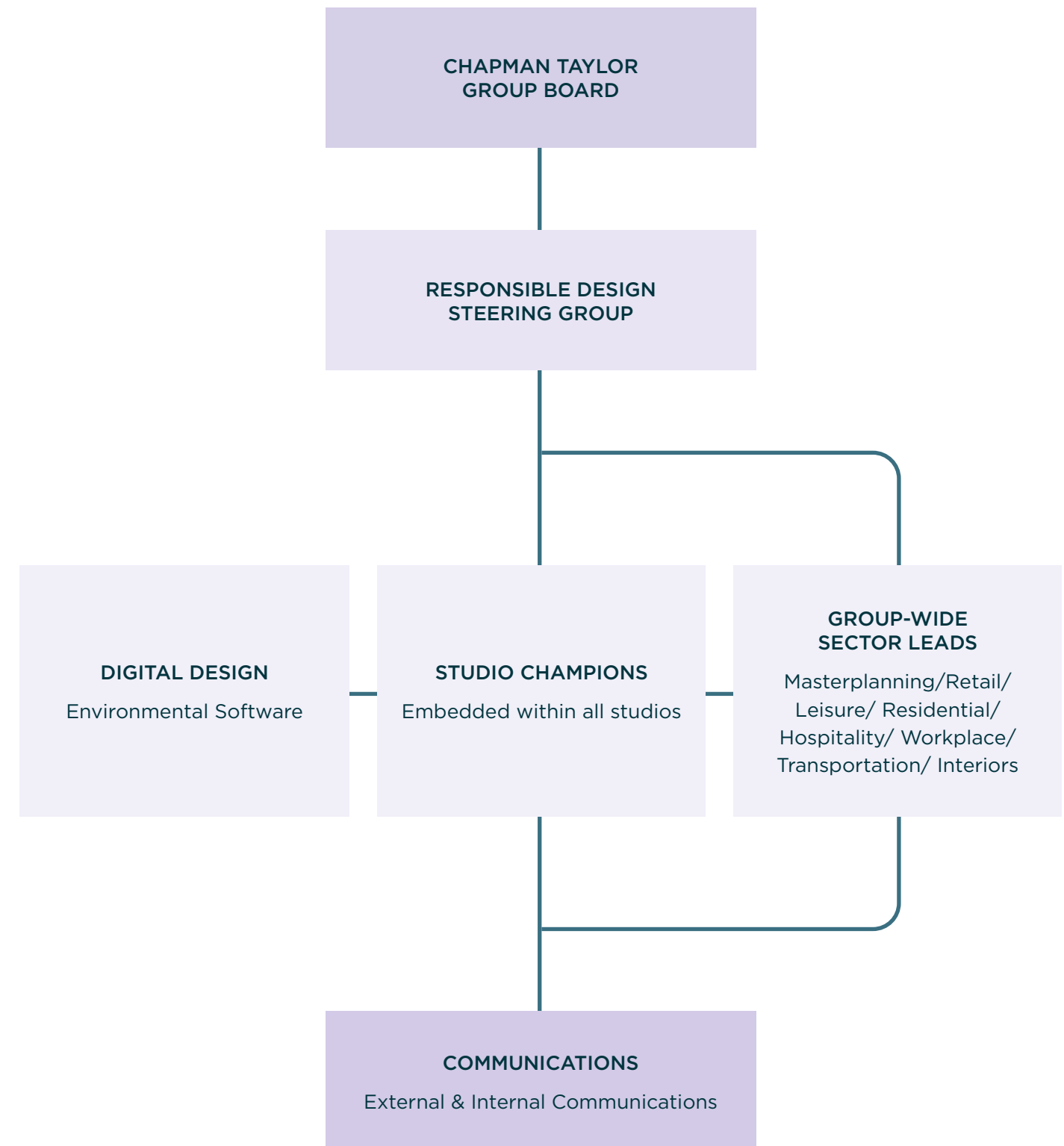
USCE Tower Two
Belgrade, Serbia

Our Responsible Design Management Structure

allows for delegation of authority and provides the appropriate resources to implement, maintain and improve on our studio environmental aspects.



Responsible Design Management Structure



This policy is implemented through our own internal procedures with a view to complying with European legislation (ISO 9001:2015 & 14001:2015) where applicable, and has been established and is subject to regular review by the Chapman Taylor Group Board.

Our Responsible Design Policy is a clear statement of our commitment to the improvement of **environmental standards** through our design activities and the conduct of our own business. In particular, the policy commits us to:

- Establish and understand the context in which our business operates and that which we can affect or be affected by
- Understand and determine the needs & expectations of Interested Parties
- Continue to review, define and commit to fulfilling our compliance obligations as well as our legal obligations
- Determine the scope of our Environmental Management System with:
 - Compliance with relevant environmental legislation;
 - An awareness of current best practice;
 - The agreement of clear environmental objectives;
 - Continual monitoring and review of our environmental performance and a commitment to continued improvement;
- Establishing and maintaining our own procedures for checking and corrective action.

Context

The environmental context in which our business operates requires ongoing assessment and updating, to ensure we meet our regulatory compliance obligations, best practice, the latest trends and keep ourselves abreast of the latest technologies including BIM and industry practices.

The current climate may provide challenges to this, such as political, economic and social uncertainty which we must navigate whilst remaining both people centred and competitive.

Interested Parties

We are a professional service provider who identifies, understands, and determines the needs and expectations of our Interested Parties and their expectations relative to our Environmental Management System (EMS).

Interested Parties can differ from project to project or based on studio location. They are typically external parties for whom we provide a service, or to whom we have an obligation. This can be in a regulatory capacity such as clients & their sustainability policies, Planning Authorities or Building Regulation requirements. It could also be to our insurers, landlords, bank or to the RIBA & ARB. It could also extend to those within Chapman Taylor, such as staff resourcing, our international studios, sub-consultants or equity partners.

Compliance Obligations

Chapman Taylor's Group Board maintains our commitment to our Compliance Obligations by reviewing them regularly, to ensure they are implemented and fulfilled within our EMS. This includes mandatory professional legal requirements such as applicable laws and regulations, Chapman Taylor's Management Procedures and best practice industry standards. It also includes our contractual relationships, codes of practice and any voluntary commitments with which Chapman Taylor has engaged on a business or project basis including community or non-governmental organisations.

Scope of the Environmental Management System

The scope of Chapman Taylor's Environmental Management System (EMS), has determined the boundaries and our obligations pertinent to our business Context and our Interested Parties. Our Environmental Considerations are divided between Project based (Environmental Checklist) and Studio-based (Environmental Considerations and the Studio Waste Matrices).

For our EMS to be effective we review our projects & our studio-based considerations including the EMS process itself to ensure it is continually improved. Part of the process also considers any changing Context or Interested Parties' obligation requirements.



Leadership Commitment

It is the responsibility of the Chapman Taylor Group Board to ensure that our studio-based activities and each of our projects are regularly monitored and measured for success or failure of their environmental performance at every stage of the project's progress. Programmed and formal Project Health Checks & Technical reviews are carried out as part of the Practices' Quality process (BS EN ISO 9001: 2015 Quality Management) and the EMS.

The reviews include the environmental considerations and impacts that are appropriate to the stage of development the project has reached. Typically, these range from the large-scale concerns that signify master-planning and conceptual design to the more precise and project-specific issues of detailed design and construction.

Management Review

The Group Board Review of the Environmental Management System (EMS) includes results of audits, actions arising and assessments of Chapman Taylor's performance, including changes and improvements to the EMS.

The Practice Management and Procedures require the Group Board to review the practice's environmental management system, this is programmed to be twice annually, to ensure its continuing suitability, adequacy and effectiveness. Reviews shall include assessing opportunities for improvement and the need for changes to the EMS, including the environmental policy and environmental objectives and targets. Records of the management reviews are retained.

CORRECTIVE ACTION AND CONTINUAL IMPROVEMENT

Project health checks & technical panel reviews identify and react to non-conformities and control & implement the appropriate corrective action to;

- Mitigate any adverse environmental impacts which may have resulted, then;
- Evaluate the non-conformity to eliminate it in order for it not to occur again by identifying;
- The cause of the non-conformity and similarities to other non-conformities
- Chapman Taylor will implement action, review the effectiveness of the action and make changes if required to the EMS system – promoting continual improvement.

Planning and Operation of the Environmental Management System (EMS)

Plan: establish the scope of our EMS and our objectives to;

- Protect the environment
- Fulfil Chapman Taylors' compliance obligations
- Promote the continual improvement of the EMS
- Ensure the EMS objectives are established and integrated within the context of our business

Do: Implement the EMS process as planned with the appropriate resources, direct and support all persons who contribute to the implementation and effectiveness of the EMS

Check: Monitor, measure and document the EMS process against our environmental policy, our commitments, our environmental objectives, aims and operating criteria. To determine risks, opportunities and report the results in order to ensure the EMS achieves its intended outcomes.

Act: Promote the continual improvement of our EMS process.

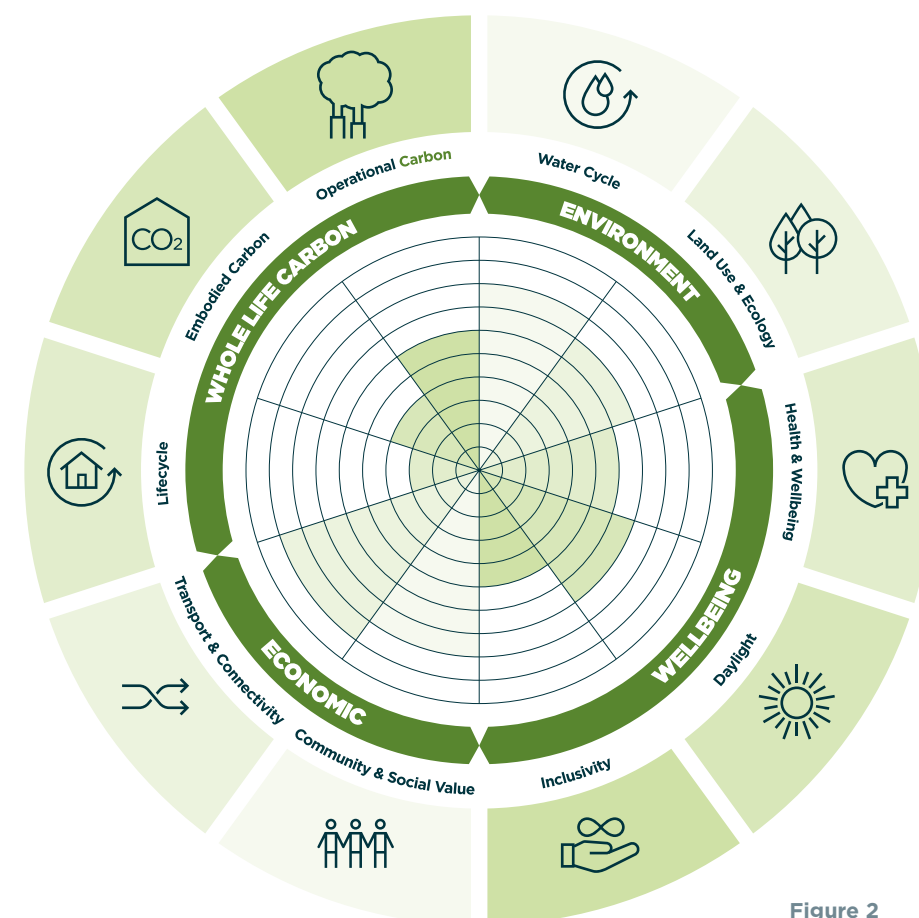


Figure 2
Environmental Management
System (EMS) Matrix

Environmental Management System Policy Objectives

Chapman Taylor's EMS is supported by a set of environmental / sustainability objectives, listed here. They establish the general level of inquiry to which individual projects are subjected during their design and review processes. Local conditions might require the application of different standards, but the overall aim is to ensure a high minimum standard across the full breadth of our work.

This will allow us to deliver the commitments embodied in our policy:

- Ensure that site-specific issues are fully considered, and the local environment is respected;
- Ensure compliance with relevant environmental legislation, including the support of environmental impact assessments;
- To wherever possible secure agreement and adhere to the design standards of appropriate methods of environmental assessment (such as the developing BREEAM and LEED);
- Reduce the consumption of energy and non-renewable resources both in the supply and manufacture of the materials and components incorporated into the structure and in the performance of the completed project;
- Avoid the use of prohibited materials and any others potentially harmful to health or safety;
- To wherever possible prevent or reduce pollution and the production of waste and encourage the recycling of materials;
- Promote the design principles of 'long life, low energy, loose fit';

Promote passive design principles;

- Create healthy internal environments;
- Promote green areas and biodiversity;
- Ensure that sustainable transport alternatives are considered where appropriate;
- Promote mixed use and higher density neighbourhoods where appropriate that maximise the potential for expansion and reuse

Furthermore, in the day-to-day activities of running our business we shall endeavour to:

- Reduce our consumption of natural resources, in particular energy and water;
- Reduce, re-use and re-cycle as much of our waste as possible and dispose of the remainder by the most practicable and environmentally acceptable methods;
- Minimise the effects of essential but potentially hazardous materials;
- Undertake regular health and safety inspections;
- Maintain environmentally sensitive procurement policies regarding materials and equipment;
- Promote the best use of resources, including materials, energy and time;
- Develop and expand our skills base through training and continuing professional development.
- Ensure that sub consultants and contractors employ only properly qualified operators and comply with our policy and industry guidelines.



Chapman Taylor has established a Responsible Design Group to support the Practice's 14001:2015 Environmental Management System and to implement our Responsible Design policy.

Our Current Status

Chapman Taylor run a dedicated Responsible Design group across all studios, aimed at increasing our knowledge in covering all aspects of the UN Sustainable Development Goals that apply to our work on projects for our clients and to our operations as an international business.

We have undertaken Carbon Footprint Assessments across all studios each year since 2019, have established a set of KPIs, and are developing carbon reduction strategies for our studios.

- ISO 14001 – Certified

Our Current Commitments

Our studios have signed up to the UK Architects Declare initiative and we are members of Green Building Councils in the following locations:

- United Kingdom (UKGBC)
- Czech Republic (CZGBC)
- Poland (PLGBC)
- Germany (DGNB)

We are working with an independent consultant (Build Green) to undertake our Carbon Footprint Assessments.

Future Commitments

As part of our pathway to achieving Net Zero Emissions by 2050, as a business we are establishing measures to be assessed under the Science Based Targets initiative.



Temperature Based Goal

The Chapman Taylor carbon footprint assessment follows an extensive review of internal and external records and activity data, as well as exchanges with external data providers. The report is prepared in accordance with the International Greenhouse Gas Protocol – a Corporate Accounting and Reporting Standard.

The annually updated balance will highlight the influencing factors for preventing greenhouse gas emissions. This allows us to verify whether we are on the right track for meeting our goals to reduce greenhouse gases.

When seeking to reduce carbon emissions, reporting progress depends on measuring and assessing this using the three different ‘scopes’ which are as follows:

- **Scope 1** records direct CO2 emissions. They come from emission sources at Chapman Taylor studios and includes CO2 emissions from our owned heating and cooling equipment and company owned vehicles.
- **Scope 2** relates to indirect CO2 emissions produced by our suppliers in generating energy that we then purchase for our activities.
- **Scope 3** comprises all other CO2 emissions produced along the value chain (e.g. with suppliers, contractors). These emissions are recorded in 15 different categories.

Methodology of Reporting

The GHG Protocol has been chosen as the standard method to measure Chapman Taylor’s carbon footprint, as it is considered the most internationally recognised standard, in terms of calculating the organization’s carbon footprint. This methodology is based on five principles: relevance, completeness, consistency, transparency and precision.

In the case of Chapman Taylor, the year 2019 has been established as the baseline or reference year given this preceded the Covid-19 pandemic.

The carbon accounting gives a general overview of the company’s greenhouse gas emissions, converted into CO2 equivalents, based on reported data from internal and external systems. The analysis allows the identification of possible measures to reduce energy consumption as well as the overall carbon footprint. The carbon indicators facilitate monitoring of company activities in order to identify improvement areas and highlights areas of possible concern.

Figure 1
Build Green data collection.



GHG Scope Coverage

The following targets encompass all our global studios. The targets cover a company wide Scope 1 and Scope 2 emissions.

Scope 1 Criteria

- Company car lease costs and fuel (in \$ and KMs)
- Fugitive emissions from owned cooling equipment
- Fuel consumption of owned heating / cooling equipment

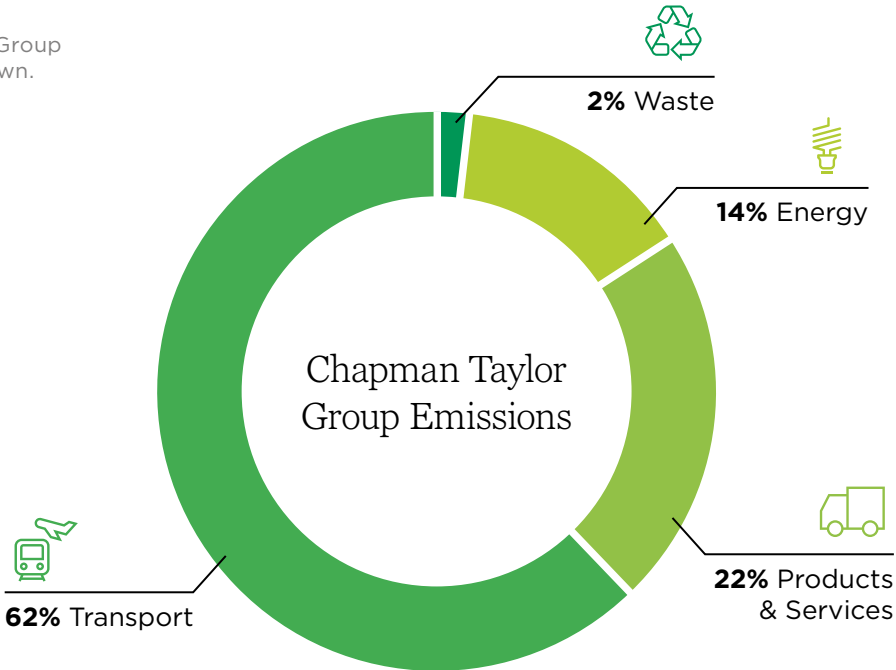
Scope 2 Criteria

- Water (m3 per month / quarter / year)
- Electricity (kWh per month / quarter / year)
- Gas (m3 per month / quarter / year)

Scope 3 Criteria

- Business trips, flights, and hotels
- Business trips by other modes (Car, Bus, and Train) in KMs
- Taxi journeys (by type of vehicle and KMs)
- Courier services (by type of vehicle and KMs)
- Other building services, e.g. security, lighting and cleaning of common areas, etc) in appropriate units (\$\$, kWh, etc)
- Waste removal (in litres per material - paper, metal, plastic, organic)
- Staff commuting
- Office supplies (by category, by value and in KMs)
- Bottled water (if applicable) in litres and in \$\$
- Printing costs
- Paper for printing (in \$\$ or Kg)
- IT services (in \$\$ and in KMs for travel)
- Other down-stream and up-stream leased assets

Figure 2
Chapman Taylor's Group emissions breakdown.



Baseline Metric

The document establishes 2019 as a base metric year.
Chapman Taylor’s emissions in 2019 were 869.55 tCO²e.

Figure 3
Chapman Taylor’s Group wide Scope 1, 2 & 3 emissions in 2019.

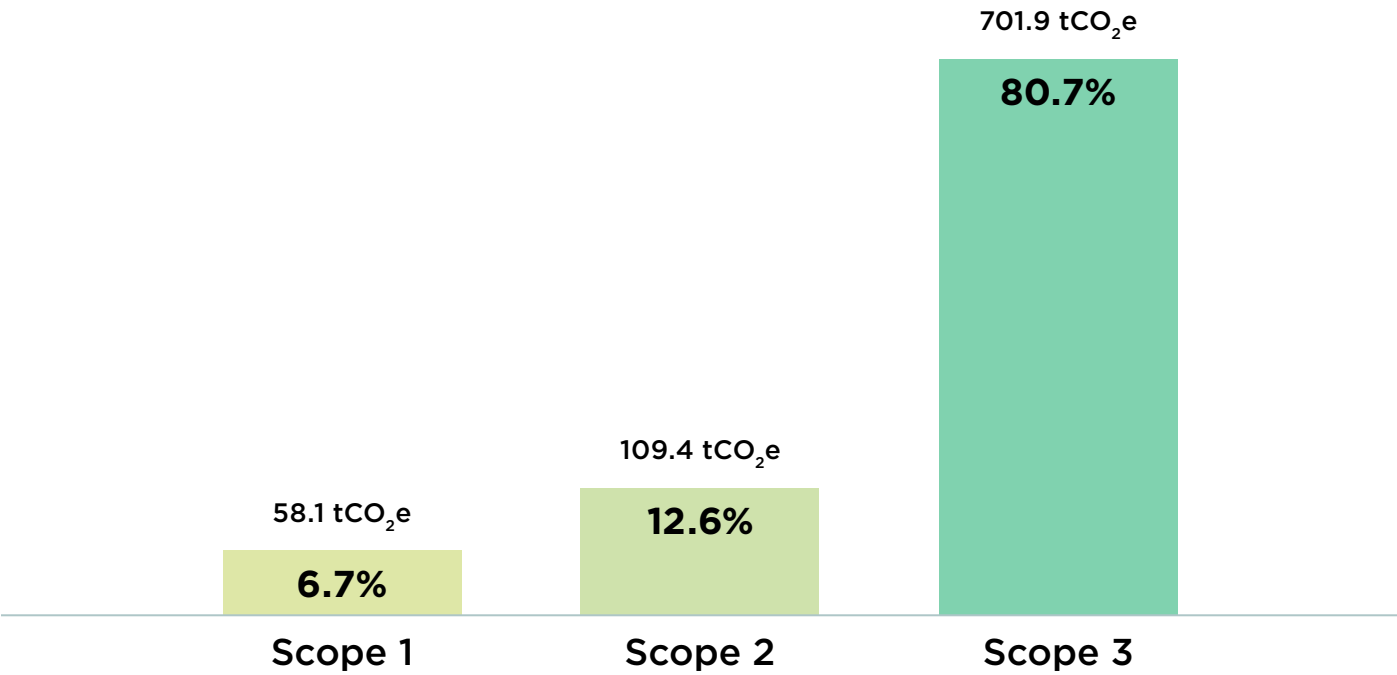
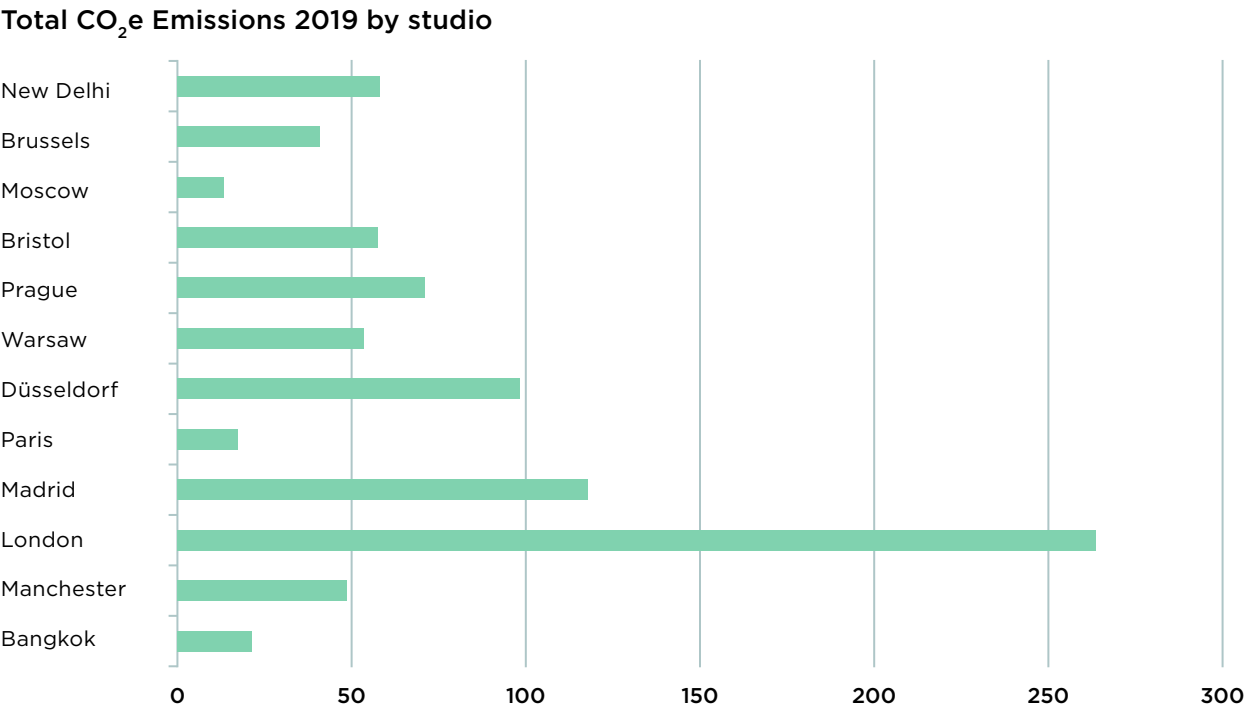


Figure 4
Chapman Taylor’s Group wide Scope 1, 2 & 3 emissions

Scope	Base Year	Target Year 2030
Scope 1 emissions (tCO ₂ e)	58.1	31.2
Scope 2 emissions (tCO ₂ e)	109.4	58.9
Scope 1 + 2 emissions (tCO ₂ e)	167.5	90.1
Scope 3 emissions (tCO ₂ e)	701.9	TBC

* Initial assessment based on industry expectations, subject to ratification by SBTi.

Figure 5
Chapman Taylor’s Group wide Scope 1, 2 & 3 emissions



Smart City technology and Sponge City solutions in rapidly developing Xiong'an.

Sectors: Masterplanning, Mixed Use

Services: Architecture

Client: Xiong'an New District Planning &
Construction Bureau

Area: 27,200 hectares

Sustainability: Sponge city principles

Xiong'an New Area Urban Masterplan
Xiong'an, China

10 WHAT'S NEXT?

Short Term Reduction Strategy

- Reduce business travel, especially flights and car use (See Chapman Taylor Responsible Travel guidance in Appendix)
- Reduce hotel stays
- Replacing short-haul flights with train journeys for intercity travel
- Change company car use to hybrid or all electric vehicles (where applicable)
- Staff to choose active commuting (cycling, running, walking) and use public transport where possible.
- Monitor energy use consumption in the studio
- Reduce the use of heating and air conditioning in the studio
- Switch off all lights, PCs and monitors at the end of the day
- Use LED lighting sources and proximity sensors
- Stop using bottled water (saves on delivery and disposal of plastic waste)
- Separate and recycle all waste paper, metal and plastic
- Do not use aluminium coffee capsules, or other products which cannot be recycled
- Compost all organic waste
- Use Recycled paper for printing when appropriate
- Print double sided or multi-page per side
- Go "Paperless" where possible, e.g. accounting (e-invoices), Written communications, etc.
- Consolidate all office deliveries and use delivery companies that have an EV fleet of vans and use cargo bikes.

Long Term Reduction Strategy

- Continue with Annual Carbon Footprint assessments to allow for ongoing review of our carbon reduction strategy
- Consider Science Based Target initiative as a mid-term evaluation with future aspirations leading to B-Corp Certification
- Better align carbon footprint reporting to allow better inter-studio comparisons.

Project Commitments

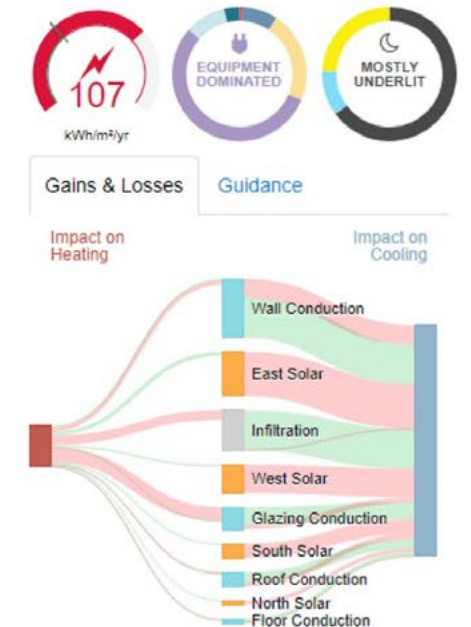
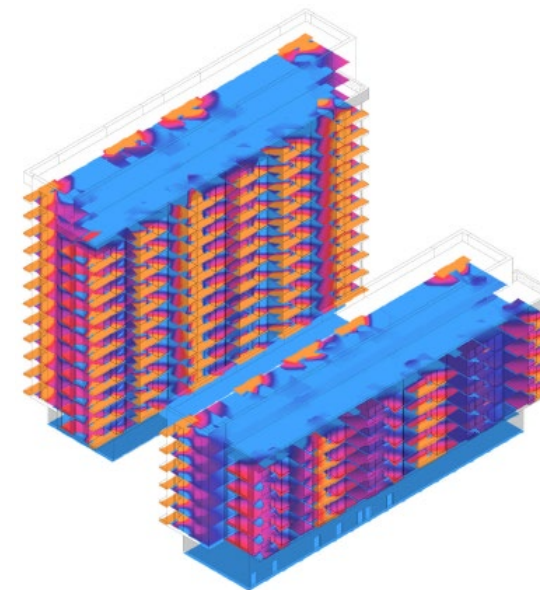
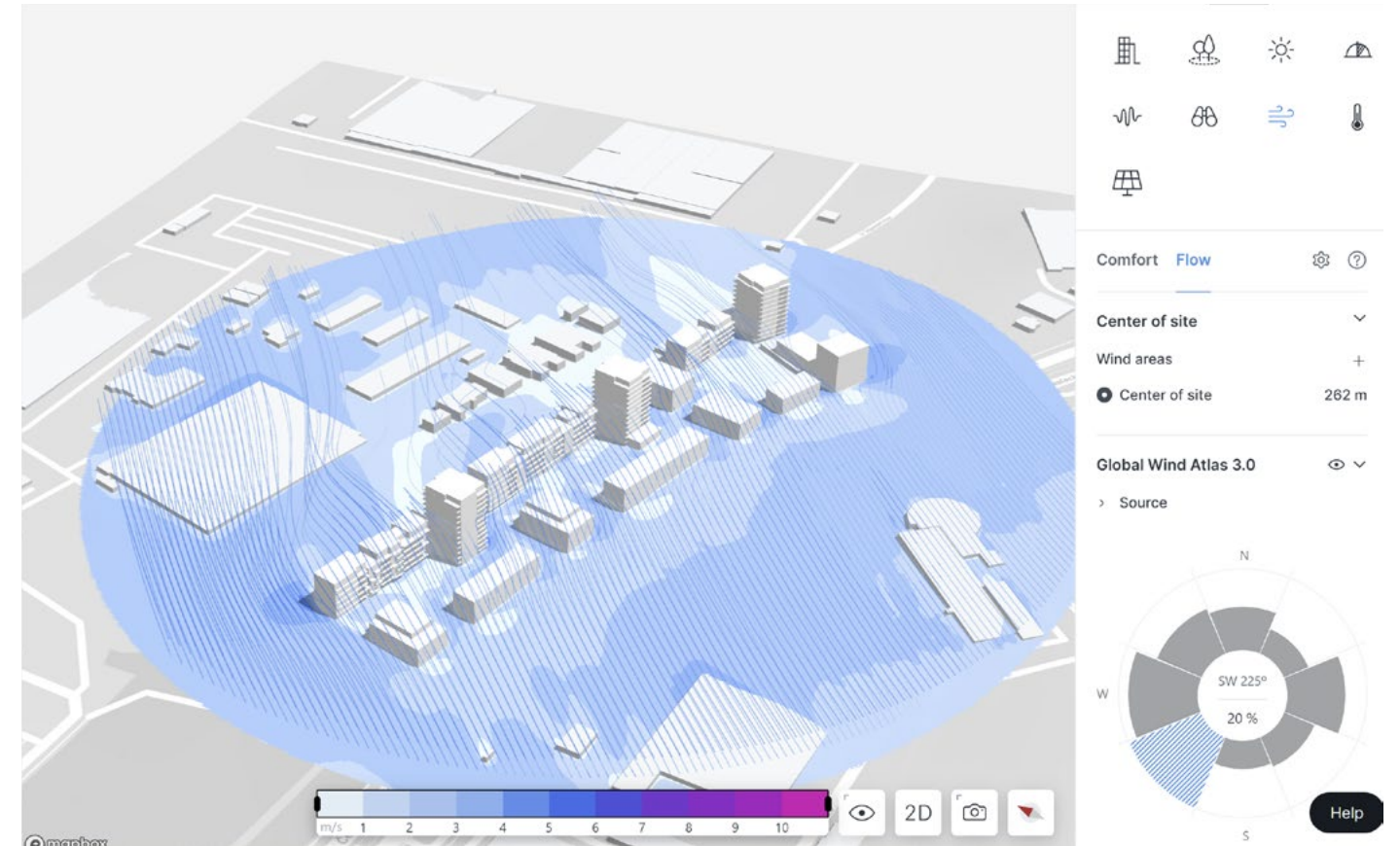
The biggest contribution to carbon reduction as a business is reflected in our core philosophy and approach to our projects from feasibility to delivery. In the UK, we aim to guide our clients to achieve LETI and UKGBC benchmark standards and we are establishing relevant benchmarks within our international studios for local markets.

Digital Design Tools

An essential part of sustainability is to look at both economic impacts and environmental factors. Our chosen software packages allow for early design feedback that can benefit the overall environmental performance.

The intuitive use of software is undertaken early on in the design stages rather than being an additional process applied to a developed concept. This allows us, as designers, to present clients with visual feedback on the benefits of targeting sustainable design solutions, through best practice, and more importantly, to implement early, cost-effective design and technical solutions into the proposals. We include considerations such as a room height, or alternative spatial configurations - that maximise thermal comfort for the end user, but also provide the client with economic opportunities to improve the buildings performance without negatively affecting the final design.

The Carbon Assessment tools look at the overall environmental impact to meet industry standards while providing a life cycle analysis. Early understanding of (WLCA) stage A1-A5 figures allow us, as designers, to work closely with contractors to ensure that we are able to reach the milestones set out at inception through a shared understanding of the impact of the shipping and manufacturing stages during the tender process period. This assessment in the early stages will set the foundation for the project.



Chapman Taylor’s Approach

Chapman Taylor are actively promoting engagement in RIBA Stage 7 ‘In use’ and the Soft Landings initiative. We are working on numerous projects with significant green credentials and targets, but need to collect data on the outcomes of projects both environmentally and in respect of user feedback relating to operational issues and comfort.

We strongly believe in reviewing completed projects for a period to inform the approach to future schemes, not just lessons learned immediately after the practical completion but once the occupiers and users have experience of the utility and functionality of their asset.

Post-occupancy evaluations allow building performance in use to be measured, allowing the success of measures to drive lower energy use and operational carbon emissions.

This feedback is then used to inform future projects in a loop of continuous improvement.

The key to this approach is to put in place briefings and research at the outset by engaging with the many possible end users, maintainers, occupiers and agents to capture their perceived needs and expectations for performance. We then track the sustainable key factors through the project considering design, specification, contractual arrangements and workshops to ensure that user requirements are met.



The first zero-waste eco-islands in South East Asia.

Sectors: Masterplanning, Mixed-Use, Residential, Leisure, Hospitality

Services: Architecture

Client: Que Huong Liberty Corporation

Area: 285 hectares

Status: Concept Design stage



Hon Thi Eco-Islands
Na Phu Bay, Vietnam

As a business, Chapman Taylor have aimed to improve the **operational energy efficiency** of our projects as a priority, for decades.

With our evolving understanding of the causes of climate change and the role greenhouse gases play in increasing global temperatures, we have shifted our focus towards a holistic view on reducing the 'whole life carbon' emissions of the buildings we design.

Initially focusing strongly on our projects, where we can make a significant impact in reducing CO2 emissions, we have since 2019, turned the spotlight on our own operational carbon emissions with the aim of achieving incremental reductions in our carbon footprint.

The Covid-19 pandemic emphasised the enormous impact that air travel has on our Scope 3 emissions and we have established ambitious internal targets to motivate us to reduce these.

As an international practice operating out of 15 studios worldwide, we are reviewing how we collaborate and how we communicate using the best available technology to reduce our travel requirements whilst improving the level of service provided to our clients.



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31st July 2025



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