Responsible Design

Carbon Reduction Plan

CHAPMAN TAYLOR

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05th February 2026

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01 Commitment to Achieving Net Zero

This Report 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 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 all our projects and are taking a responsible operation approach to our business activities, with a focus on reducing our Scope 3 emissions through a careful re-evaluation of our international travel requirements and relationships with like-minded suppliers.

This Carbon Reduction Plan has been completed in accordance with PPN 006 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

01.01 About Us

We are a Global Practice of award-winning Architects and Masterplanners.

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 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.

Our Values

Creative

Responsible

Collaborative

Client-Focused

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

01.02 Working Internationally

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

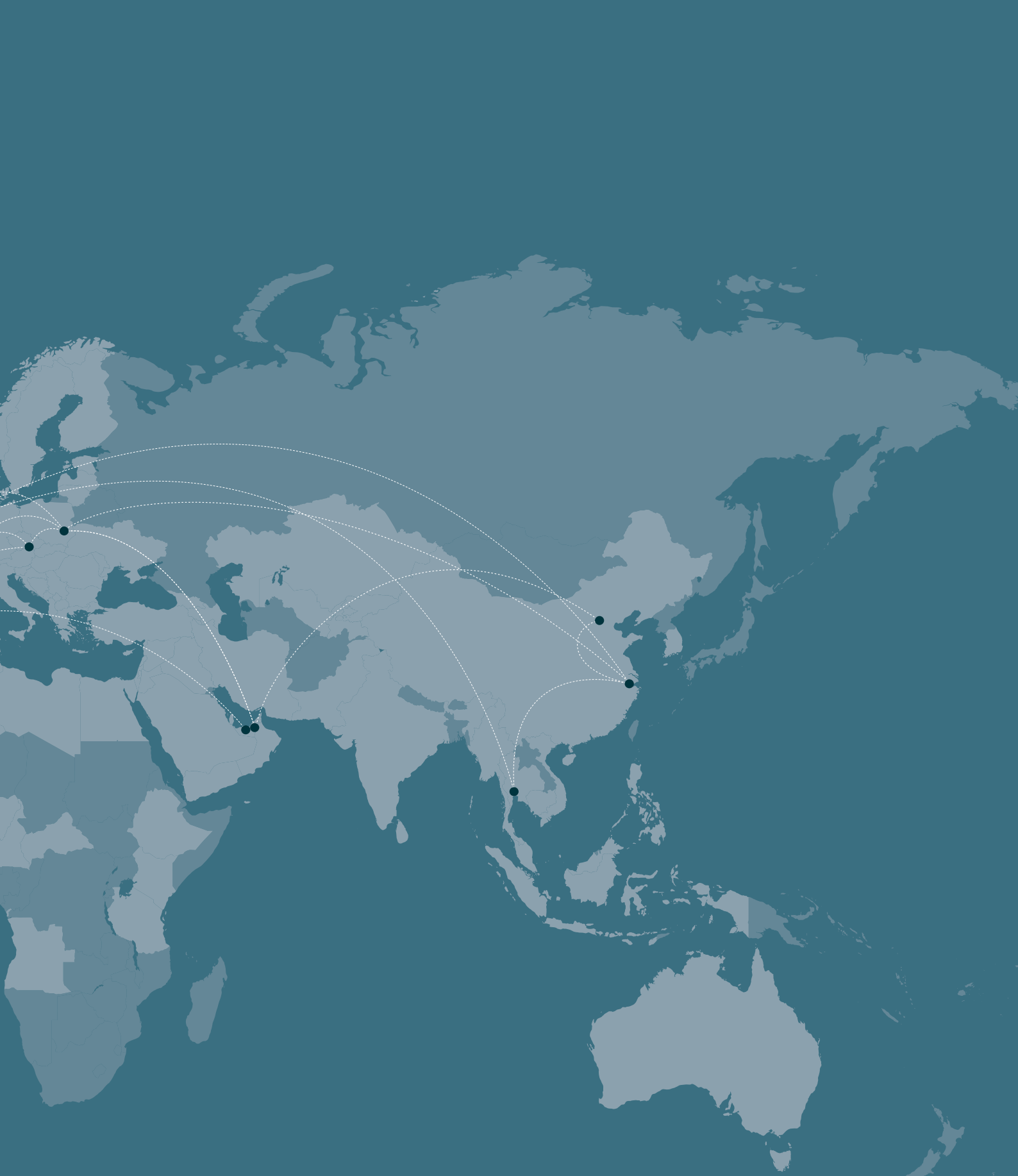
Operating from 13 regional design studios across Asia, Europe and the Middle East, we have designed ground-breaking projects in over 100 countries.

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



3000+
Projects

100+
Countries

300+
Awards

13
Locations

45+
Nationalities

35+
Languages

01.03 What We Do

Sectors

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

Masterplanning

Mixed-use

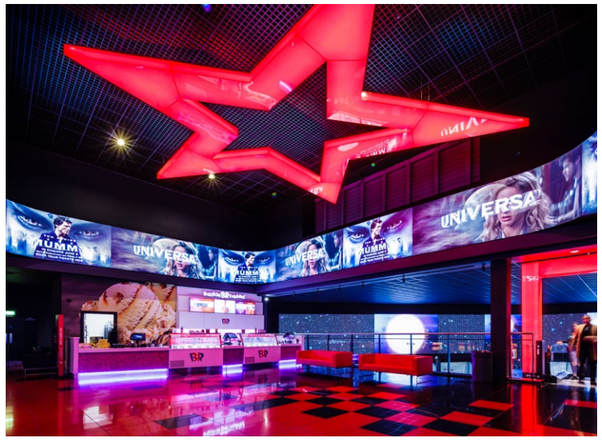
Residential

Workplace

Hospitality

Transportation

Retail



Leisure

01.04 Responsible Design

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 maximising the benefits from 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.

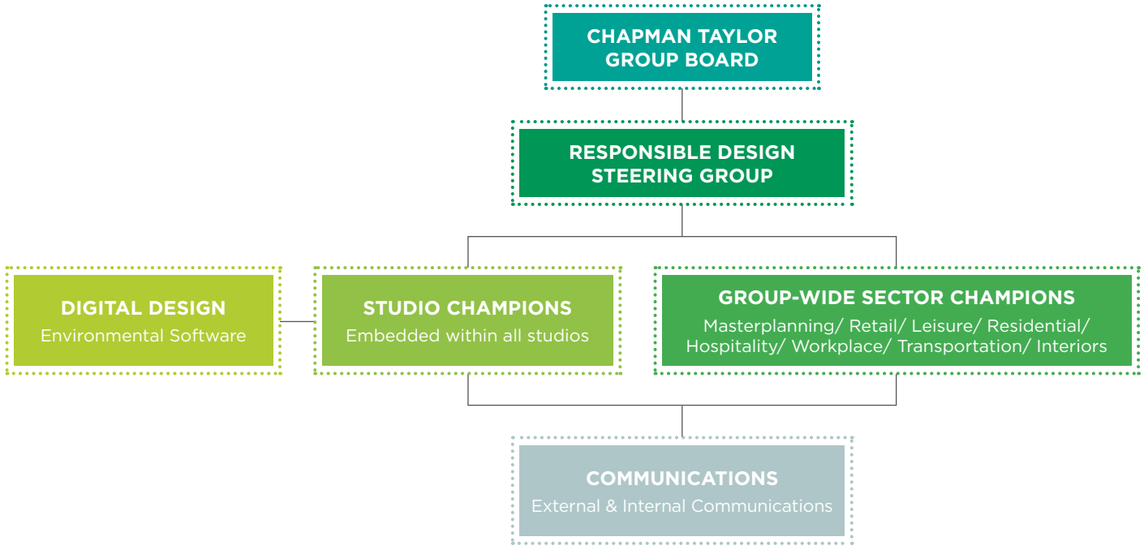
Our Core Considerations

- Land Use & Ecology
- Community & Social Value
- Health & Wellbeing
- Transport & Connectivity
- Water
- Embodied Carbon
- Operational Carbon
- Lifecycle

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

Structure

Within Chapman Taylor, the Responsible Design management structure allows for delegation of authority and provides the appropriate resources to implement, maintain and improve on our studio environmental aspects.



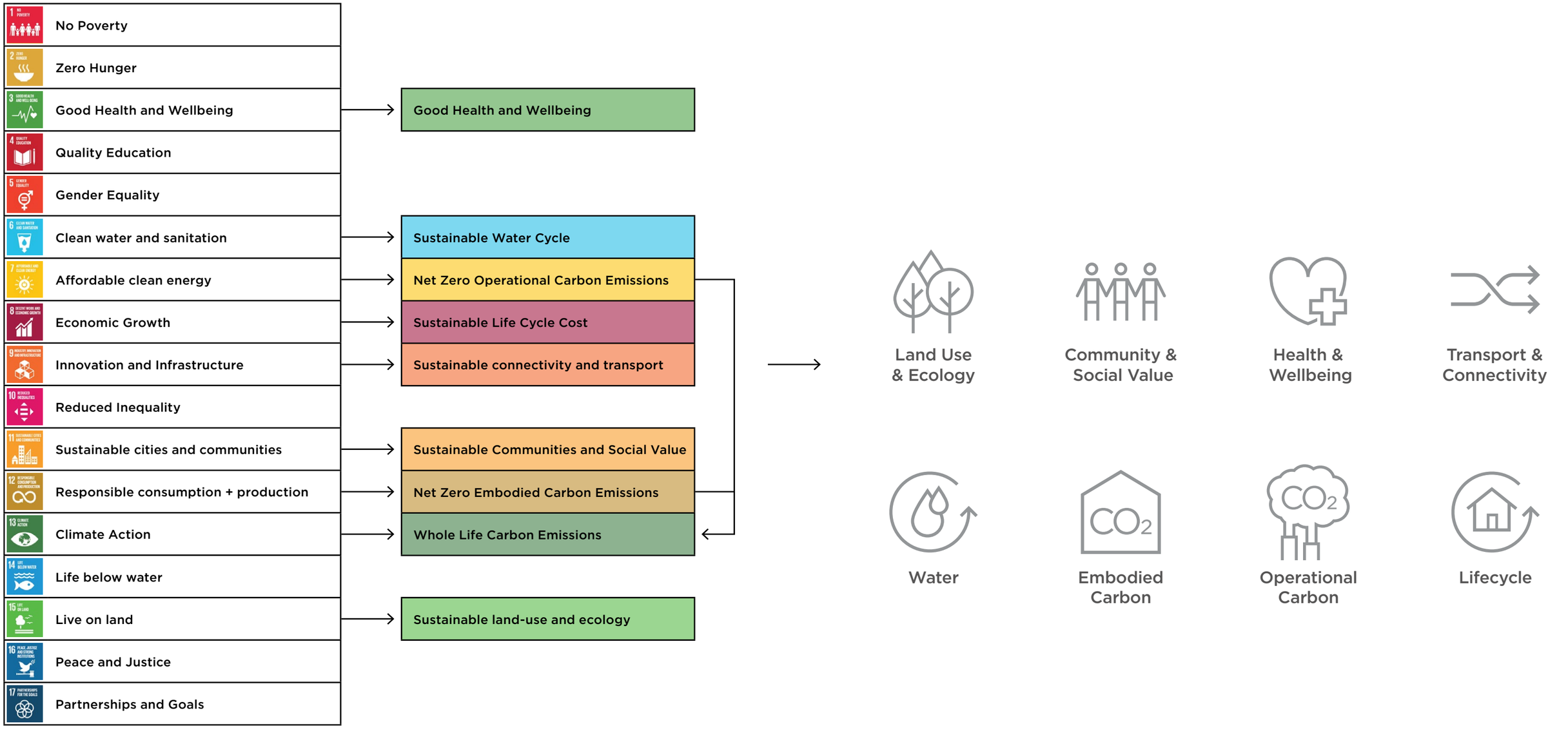
Zero emissions on-site, low-energy building in the historic centre of Prague.

Sectors: Mixed-Use, Workplace, Retail
Services: Architecture
Client: Flow East
Area: 32,000m² GBA
Sustainability: BREEAM Outstanding

The Flow Building
Prague, Czech Republic

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 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.

Facade-integrated natural ventilation system implemented in office tower in Belgrade.

Sectors: Workplace
Services: Architecture
Client: MPC Properties
Area: 23,200m² GLA, 103.9m high
Sustainability: BREEAM Excellent

USCE Tower Two
Belgrade, Serbia

01.05 Studio Carbon Commitment

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 give us pointers on which are 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.

Greenhouse gas emissions along the Chapman Taylor value chain - balancing sets out three emission ranges (scopes):

- **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

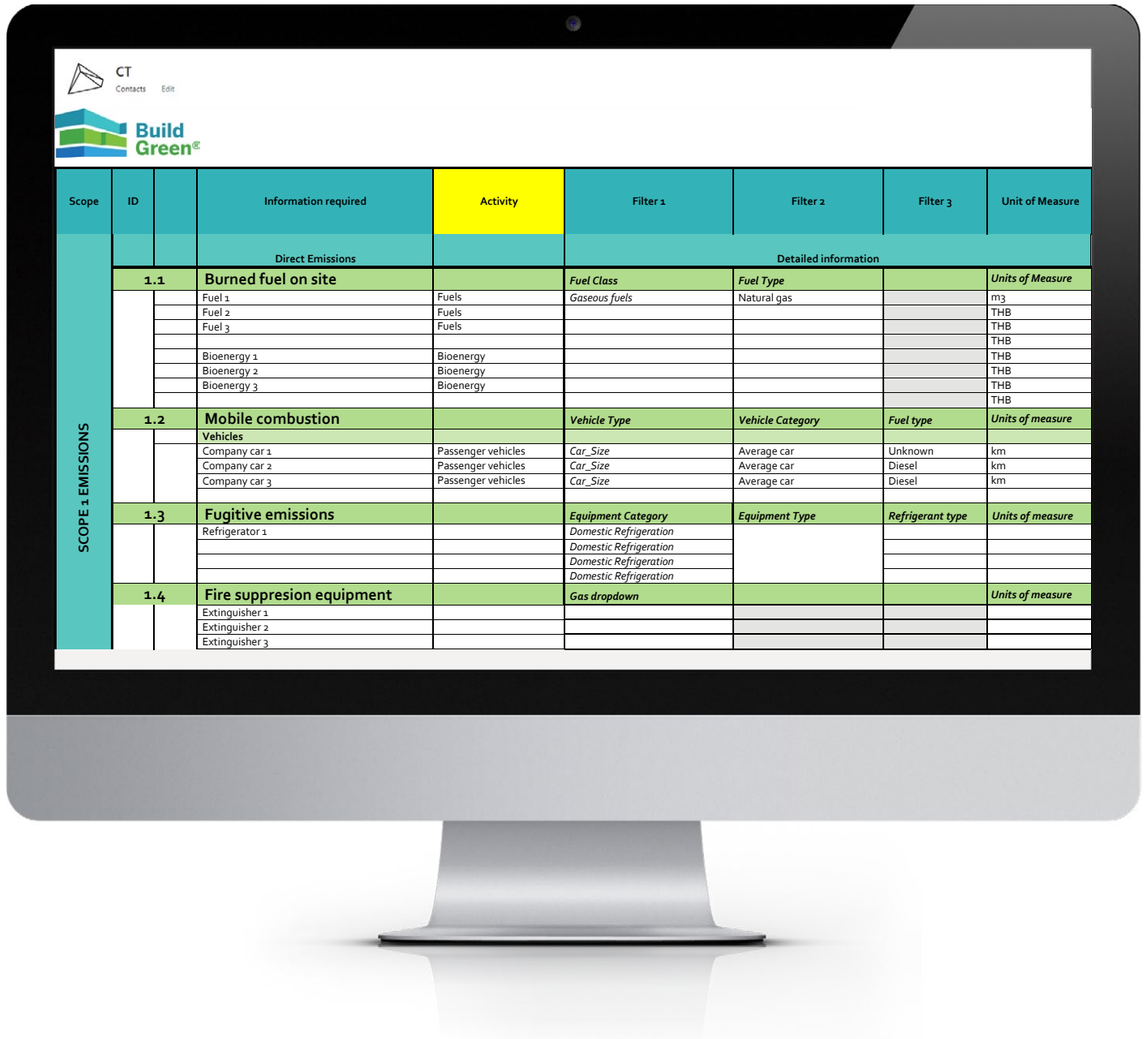
The GHG Protocol has been chosen as the standard with which to measure Chapman Taylor's carbon footprint, as it is considered the most internationally recognized standard in terms of calculating the organization's carbon footprint. This methodology is based on five principles: relevance, completeness,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

In the case of Chapman Taylor, the year 2019 has been established as the baseline or reference year as this was the year preceding 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.



Scope	ID		Information required	Activity	Filter 1	Filter 2	Filter 3	Unit of Measure
			Direct Emissions		Detailed information			
SCOPE 1 EMISSIONS	1.1		**Burned fuel on site**		*Fuel Class*	*Fuel Type*		*Units of Measure*
			Fuel 1	Fuels	*Gaseous fuels*	Natural gas		m3
			Fuel 2	Fuels				THB
			Fuel 3	Fuels				THB
								THB
			Bioenergy 1	Bioenergy				THB
			Bioenergy 2	Bioenergy				THB
			Bioenergy 3	Bioenergy				THB
								THB
	1.2		**Mobile combustion**		*Vehicle Type*	*Vehicle Category*	*Fuel type*	*Units of measure*
			Vehicles					
			Company car 1	Passenger vehicles	*Car_Size*	Average car	Unknown	km
			Company car 2	Passenger vehicles	*Car_Size*	Average car	Diesel	km
			Company car 3	Passenger vehicles	*Car_Size*	Average car	Diesel	km
	1.3		**Fugitive emissions**		*Equipment Category*	*Equipment Type*	*Refrigerant type*	*Units of measure*
			Refrigerator 1		*Domestic Refrigeration*			
					Domestic Refrigeration			
					Domestic Refrigeration			
					Domestic Refrigeration			
	1.4		**Fire suppresion equipment**		*Gas dropdown*			*Units of measure*
			Extinguisher 1					
			Extinguisher 2					
			Extinguisher 3					

GHG Scope Coverage

The following targets encompass all our global studios collectively. 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

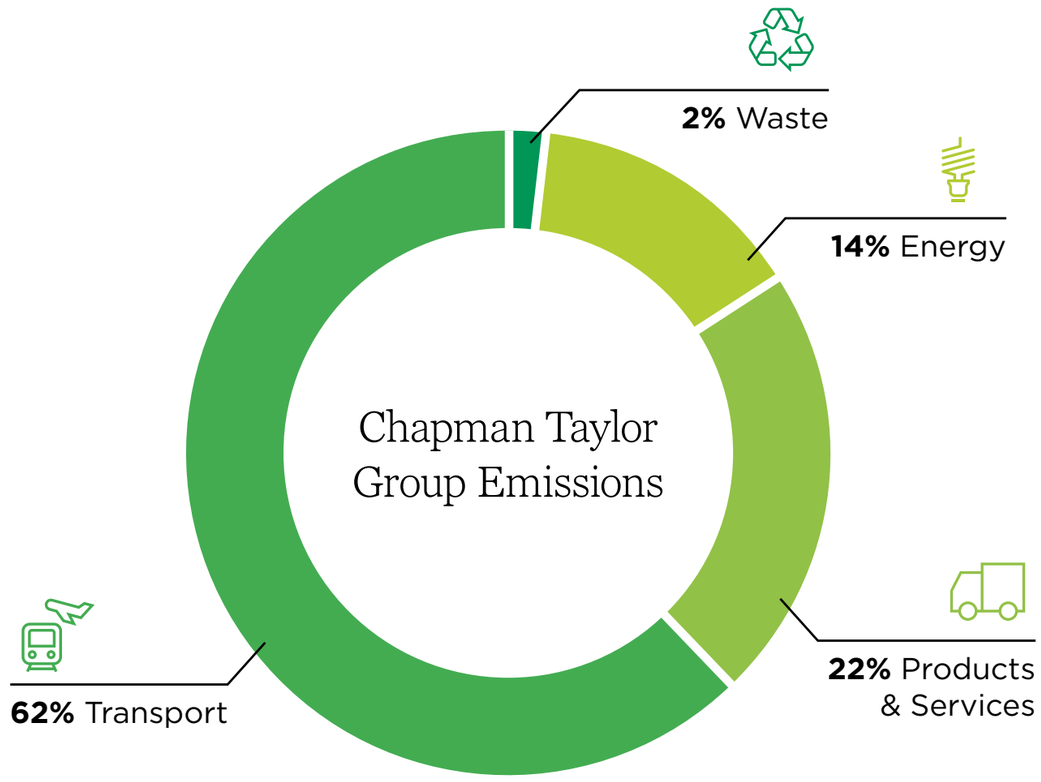
- Water (m^3 per month / quarter / year)
- Electricity (kWh per month / quarter / year)
- Gas (m^3 per month / quarter / year)

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.



02 Baseline Year 2019

Baseline Metric

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

We project that carbon emissions will decrease over the next five years to 521 tCO2e by 2030. This is a reduction of 41%. The baseline emissions profile and reduction trajectory may be refined over time to reflect the inclusion of additional studios within the organisational reporting boundary.

Figure 4

Chapman Taylor's Group wide Scope 1, 2 & 3 emissions

Scope	Base Year	Target Year 2030
Scope 1 emissions (tCO_2e)	58.1	31.2
Scope 2 emissions (tCO_2e)	109.4	58.9
Scope 1 + 2 emissions (tCO_2e)	167.5	90.1
Scope 3 emissions (tCO_2e)	701.9	TBC

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

Figure 3

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

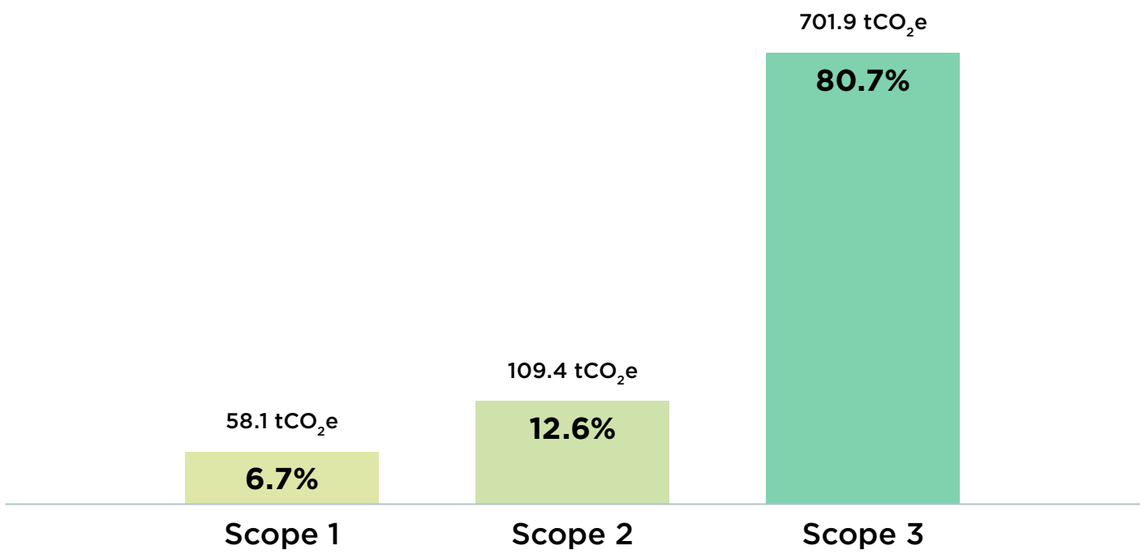
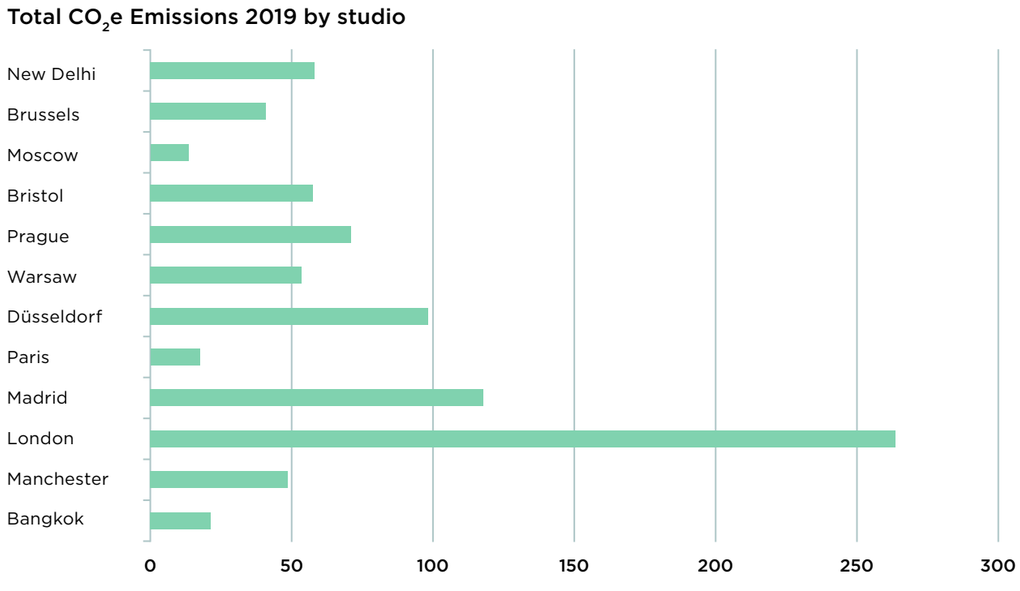


Figure 5

Chapman Taylor's Group wide Scope 1, 2 & 3 emissions



03 Current Year 2026

2020 Metric

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

Scope	Current Year	Target Year 2030
Scope 1 emissions (tCO_2e)	51.25	31.2
Scope 2 emissions (tCO_2e)	1066.5	58.9
Scope 3 emissions (tCO_2e)	401.7	TBC

Figure 6

Chapman Taylor's Group wide Scope 1, 2 & 3 emissions

Current 2026 Metric

Scope	Current Year	Target Year 2030
Scope 1 emissions (tCO_2e)	24.5	31.2
Scope 2 emissions (tCO_2e)	1110.2	58.9
Scope 3 emissions (tCO_2e)	624.8	TBC

Figure 7

Chapman Taylor's Group wide Scope 1, 2 & 3 emissions

04 Emission Reduction Targets

Scope	Target Year 2030
Scope 1 emissions (tCO_2e)	31.2
Scope 2 emissions (tCO_2e)	58.9
Scope 3 emissions (tCO_2e)	TBC

Short Term Reduction Strategy

- Reducing business travel, especially flights and car use (See Chapman Taylor Responsible Travel guidance in Appendix)
- Reducing hotel stays
- Replacing short-haul flights with train journeys for intercity travel
- Change company car 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.

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

05.01 Carbon Reduction Projects

Project Commitments

Chapman Taylor GHG emissions for Scope 1, 2 and 3 are focused on Studio (office) Aspects only.

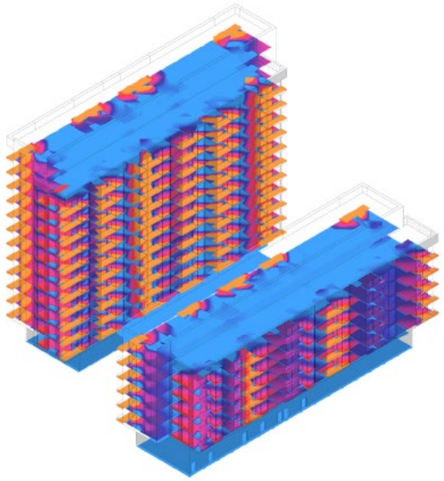
The biggest contribution to carbon reduction as a business is reflected in our core philosophy and approach to our projects from feasibility to delivery. In the UK, we aim to guide our clients to achieve LETI and UKGBC benchmark standards and we are establishing relevant benchmarks within our international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

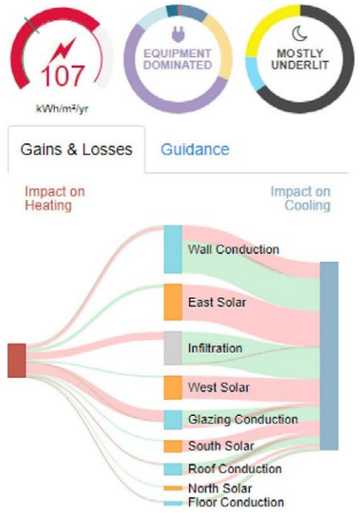
Digital Design Tools

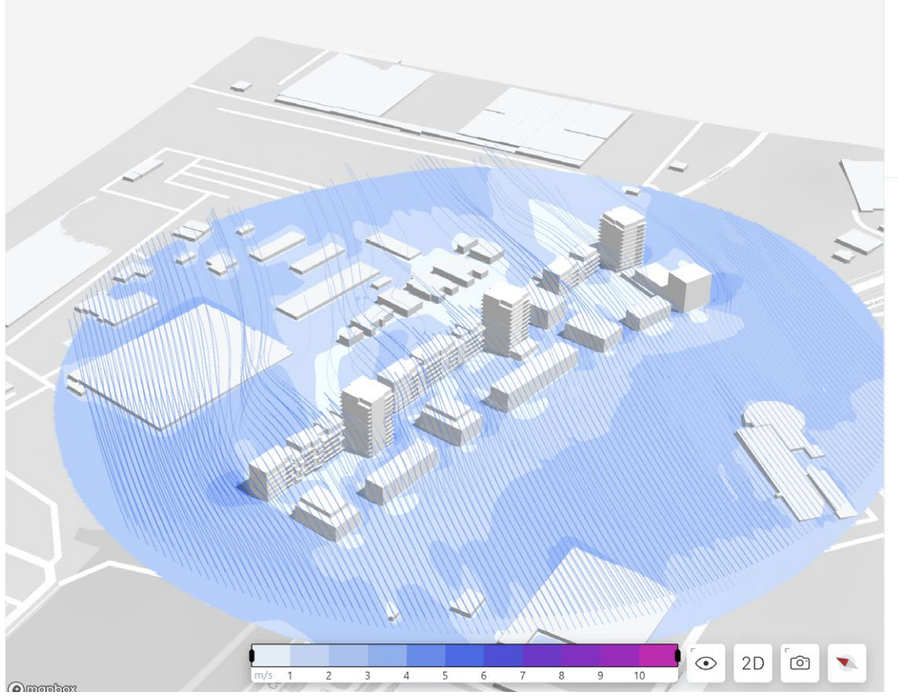
An essential part of sustainability is to look at both economic impacts and environmental factors. Our chosen software packages allow for early design feedback that can benefit the overall environmental performance.

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.







05.02 Soft Landings

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 clearly 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 users requirements are met.

Hon Thi Eco-Islands
Na Phu Bay, Vietnam

06 Declaration and Sign Off

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 epidemic 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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05th February 2026

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