

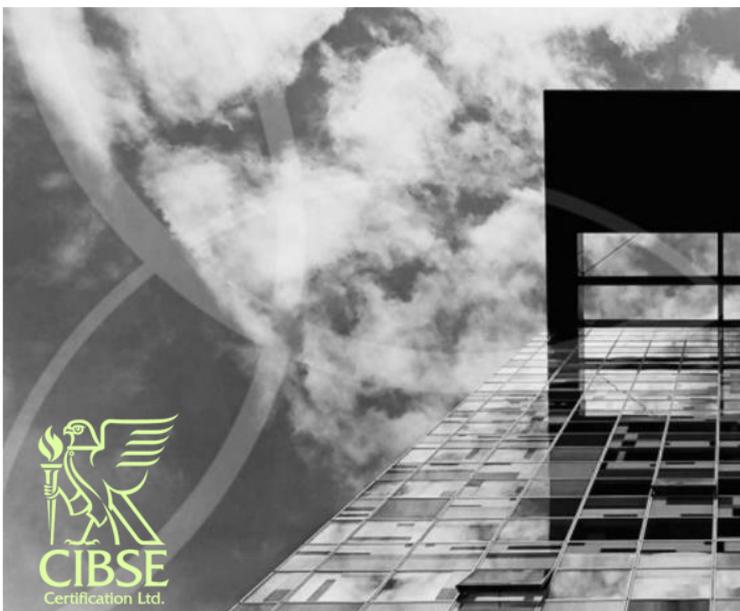
Construction Consultancy Services

Our approach, services, case studies & testimonials

CQMS
Safety Scheme

We offer a full and comprehensive range of consultancy services, supporting developers from concept, through design & planning to certification hand over of all construction and development projects including.

- ❑ Residential low and high rise projects
- ❑ Commercial across all sectors
- ❑ Mixed use development and masterplans
- ❑ Public & Private Sector



Concept stage: *Understand risks and requirements to design-in and cost plan*

Planning Consultancy: *Early stage expert advice and reports for planning applications*

Energy Assessment: *Part L compliance and renewable energy / LZC feasibility services*

Design Stage: *Consultancy and assessment services to deliver design stage certification*

Compliance: *Full suite of regulatory & sustainability certification design & consultancy*

Post Construction: *Site inspections and risk assessments to ensure certificate achieves the desired rating for the building*

Accredited Professional: *BREEAM "Sustainability Champion" service that adds value at every stage*

M&E design: *Full duties specific design and support services*

Value Engineering: *All developments have scope for cost efficiencies*

Funding: *Bespoke funding arrangements to reduce cost of capital outlay & improve profitability*

Development services

- Concept
- Design
- Planning
- Compliance
- Inspections
- Regeneration
- Mixed Use
- Residential
- Commercial
- Bespoke



CarbonPlan is a sustainability consultancy that champions the case for truly sustainable projects which are Economically, Socially & Environmentally beneficial and achievable. Work collaboratively and responsively with clients to produce intelligent, practical and technically feasible designs and advice at all RIBA stages.

Feasibility and Planning

- Accredited Professional (all RIBA stages)
- Flood Risk assessments
- Ecology surveys and advice
- Daylighting and sunlight assessments
- Acoustic consultancy
- Energy Strategies and Renewables / Low & Zero Carbon (LZC) feasibilities
- Air Quality Assessment
- BREEAM functional & Climate Change adaptability & material efficiency analysis
- Sustainability strategies

Design

- M&E full duties design
- BREEAM assessments (all RIBA stages)
- Surface water management strategies
- Part L compliance (all RIBA stages)
- TM52 Thermal Comfort modelling
- Life Cycle Costing & Impact assessments (all RIBA stages)
- Specialist Commissioning Manager services
- Indoor Air Quality testing for VoCs
- Performance Specification

Construction

- Site Waste Management Plans
- Sustainable Procurement Plan
- Development Inspector services
- Tender & Funding Support

Completion

- Thermographic Surveys and
- Air tightness testing
- Indoor Air Quality testing
- Aftercare / Post Occupancy Evaluation



Accolades for Projects: [\(Case studies link here\)](#)

- BREEAM Awards nomination 2014, 2016, 2017
- Best Office Building award 2016
- Best New Place to work 2016
- Green Apple Award winner 2014
- House Builder Awards: 'Best Low or Carbon Zero Initiative'
- Sustainable Housing Awards: Sustainable Larger Housing Project of the Year'

Gateshead Regeneration: Strategy (2,300 Homes)

Sustainable Features:

- Code for Sustainable Home Level 3 to 5
- Zero Carbon dwellings
- District Heating
- Water Conservation & Sustainable Urban Drainage Systems (SuDs)

CarbonPlan delivered the sustainability package to support Galliford Try in their successful bid for an exemplar scheme.

The project comprises approximately 2,400 dwellings across 19 sites in Northern England. The various sites were to achieve Code for Sustainable Homes (CSH) Level 4 to 5 depending on viability.



[Full Case study found here](#)

“Regeneration on such a significant scale will make a real impact in the North East” Partner, Altair

Rotherhithe New Road: Luxury Apartments

Sustainable Features:

- BREEAM excellent
- 25% CO₂ reduction
- Centralised Combined Heat and Power (CHP) network
- Photovoltaic Solar panels

The development is mixed used and comprises of 157 Apartments, a Free school (primary age group) and a sixth form centre for community use constructed over 19 storeys.

The scheme was a challenging and politically complex scheme, eventually being referred to the GLA. For this reason it was particularly important to demonstrate optimum compliance with the London Plan, CSH and BREEAM.



[Full Case study found here](#)

“CarbonPlan helped greatly in this regard by producing a robust energy strategy which not only met the Client’s requirements for an environmentally responsible building but also satisfied the GLA’s objectives for sustainable development.” Associate, HLM

Zero Carbon Village: Graylingwell Park (750 Homes)

Sustainable Features:

- Carbon neutral footprint – 100% reduction in CO₂ emissions
- Combined Heat & Power District Heat network
- Photovoltaic solar roof panels
- Level 4 in the Code for Sustainable Homes

CarbonPlan worked closely with the design team to deliver the sustainability strategies from concept through design to delivery and continues to support the client for Graylingwell Park which is the UK’s largest, carbon neutral new homes development. the project will ultimately provide at least 750 homes, plus extensive community facilities.

- House Builder Awards: ‘Best Low or Carbon Zero Initiative’
- Sustainable Housing Awards: Sustainable Larger Housing Project of the Year’



[Full Case study found here](#)

“CarbonPlan provided Regeneco with accurate, timely and commercially compliant advice in the fields of renewable energy, energy efficiency and audits. I recommend them as a provider of a high level of service at all times “. Regeneco



Education Funding Agency: Priority Schools Building Programme

Sustainable Features:

- BREEAM Rating: “Very Good” & “Excellent”
- Sustainability Strategy
- 35% reduction in CO₂
- Photovoltaics
- Improved daylighting
- Enhanced landscaping

[Full Case study found here](#)

CarbonPlan were appointed to work on over 10 Education Funding Agency projects supporting in the delivery of BREEAM assessment, strategy and associated support services.

These Free Schools form part of the Priority Schools Building Programme commissioned by the EFA. Our scope of works included supporting Galliford Try during the PITT/ITT tender stages, through to planning and Contractor Proposals.



Education
Funding
Agency

“We have developed a close working relationship with CarbonPlan using them as part of a select few consultants from early stage tender bids through to construction and hand over. They are innovative in their approach and provide us with support in a professional and holistic manner which we see as added value.” Galliford Try PLC

University Arts London: Wimbledon College of Art

Sustainable Features:

- BREEAM outstanding
- Zero CO₂ emissions
- Natural Lighting & Ventilation
- Phase change fabric to further reduce energy

[Full Case study found here](#)

The project was developed from the outset with innovation and sustainability identified as a key driver in the process and achieving BREEAM ‘Outstanding’ as a prerequisite.

Design-stage assessment has achieved the second highest BREEAM score in the world. The project was a BREEAM 2016 nominee and Green Apple Award winner 2014.



“CarbonPlan worked tirelessly to help maximise the BREEAM score for the Building achieving and surpassing University of the Arts London’s aspiration for BREEAM Outstanding with a final score of 88.17%.” CES

Development & Compliance Inspectors for HCA & Developers

Projects: Multiple large 50+ unit residential developments on HCA land by developers including David Wilson Homes, Linden Homes, Taylor Wimpey

[Full Case study found here](#)

CarbonPlan have been appointed by the Homes and Communities Agency (HCA) on a number of developments to monitor implementation and compliance with the agreed plans, the Planning conditions and the Quality Standards applying to the scheme.

The DCI roles ensures that developers fulfill their contractual and planning requirements, and that the HCA is kept informed on progress and issues arising.



Homes &
Communities
Agency

“The service provided was excellent, the reports provided were always clear and we never had any hiccups. Overall it has been a pleasure working with CarbonPlan as they are au fait with the HCA way of doing things and hope that we will have the opportunity to work together again soon.” Homes & Communities Agency

Rolfe Judd Planning

“Rolfe Judd Planning have worked with Carbon Plan on a number of mixed use developments and have found them to be conscientious and knowledgeable on all aspects relating to sustainability and energy. They have always produced high quality work in a timely manner and have worked proactively and positively in addressing any challenges that have arisen during the evolution of the scheme design.”

Walsh Group

“CarbonPlan were great, excellent service, good value for money, and we are already seeing the benefits.”

London Borough of Hackney

“CarbonPlan have carried out a number of technical reviews of planning applications covering projects from estate renewals down to small scale residential schemes. Their fast turnaround times combined with their expertise and experience with reviewing energy models has reassured the Council that the required targets would be achieved onsite or where improvements could be made.”

Scott Brownrigg

“Scott Brownrigg have worked with CarbonPlan extensively on the Education Funding Agency (EFA) Priority Schools schemes to deliver BREEAM requirements. The collaboration has been very successful.”

Ryde House Group *“Carbon Plan were great to work with and made our options easy to understand.”*

Vector Design

“We’ve been working closely with CarbonPlan for several years now over many mixed use developments with complex energy and sustainability strategies. Their policy knowledge & innovative problem solving approach is always valuable and they are always a pleasure to deal with.”

Regeneco

“CarbonPlan provided Regeneco with accurate, timely and commercially compliant advice in the fields of renewable energy, energy efficiency and audits. Sectors included housebuilding and general contracting where responses were often required to very tight timescales and CarbonPlan consistently met the specified deadlines. I recommend them as a provider of a high level of service at all times.”

Homes & Communities Agency

“The service provided was excellent, the reports provided were always clear and we never had any hiccups. Overall it has been a pleasure working with CarbonPlan as they are au fait with the HCA way of doing things and I would hope that we will have the opportunity to work together again soon”

Just Energy Solutions

“Throughout our energy project with Carillion Plc and Oxford County Council, Carbon Plan managed our sustainability & energy feasibilities reports, advising us of measures to implement, cost analysis and best practise methodology. Their work was vital to the project’s success and as a result they now play a pivotal role in shaping our delivery models across our renewable project pipeline.”

