

Planning Sustainably

Consultancy Services

Our approach, services, case studies & testimonials



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

- ❑ Residential, Non-Domestic, Mixed use
- ❑ Public & Private Sector
- ❑ Regeneration
- ❑ Strategic and Tender stage



- Concept Stage:** *Understand risks and requirements to design-in and cost plan.*
- Planning Consultancy:** *Early stage expert advice and reports for planning applications.*
- Sustainability Strategies:** *including sustainability statements, BREEAM strategies*
- Design Stage:** *Consultancy and assessment services to deliver planning compliant design*
- Compliance:** *Full suite of regulatory & sustainability certification design and consultancy*
- Energy Assessment:** *Part L compliance and LZC feasibility services.*
- M&E design Service:** *Full duties specific design and support services.*
- Value Engineering:** *Ensuring schemes are designed cost effectively*
- Ecology Assessments:** *Protected species strategies and planning compliant assessments*
- Water & Waste Strategies**



Planning Strategies

- Concept
- Design
- Planning
- Compliance
- Certification
- Industrial
- Residential
- Bespoke



- Accredited Professional (all RIBA stages)
- Acoustic consultancy
- BREEAM assessments
- Daylight and Sunlight assessments
- Ecology surveys and advice
- Energy Strategies & Part L compliance
- Environmental Impact Assessments
- Flood Risk assessments
- Functional Adaptability analysis
- Indoor Air Quality assessments for VoCs
- Life Cycle Costing & Impact assessments
- M&E full duties design
- Material Efficiency analysis
- Renewables / Low & Zero Carbon feasibilities
- Site Waste Management Plans
- Specialist Commissioning Manager Services
- Surface water management strategies
- Sustainable Procurement Plans
- Thermographic Surveys and Air tightness testing
- TM52 Thermal Comfort modelling & BIM



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

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



Rotherhithe New Road (157 luxury apartments & Education facilities)

Sustainable Features:

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

[Full Case study found here](#)

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.



“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

Orchard Grove (66 Homes)

Project: Planning, strategy & negotiations with Local Authority

Sustainable Features:

- Code for Sustainable Homes Level 3 through passive measures
- Development of a CO₂ offsite abatement fund

[Full Case study found here](#)

For this pioneering project we worked with the Council and developer to satisfy the local Planning Policy whilst ensuring the sustainable project was sympathetic to its surroundings due to its location within a conservation area.

Taking the work we had developed around the [New Homes Sustainability Bonus \(NHSB\)](#) we proposed that the development was designed to efficient fabric specifications to achieve Code for Sustainable Homes Level 3 through passive measures embracing a ‘fabric first’ approach on site.



“I am very impressed with the design of the development, these unique homes offer something different in the area.” Nick Hurd, Northwood and Pinner MP

Gloucestershire County Cricket Club (147 homes & international sports facilities)

Sustainable Features:

- Solar Panels
- Energy efficiency
- BREEAM very good
- Code for Sustainable Homes

[Full Case study found here](#)

CarbonPlan were contracted to assist with proposals to modernise the grounds of this sports facility to ensure its ability to continue to meet and host international competitions into the future. Part of the scheme involved the development of 147 new apartments targeting Code for Sustainable Homes Level 3 and 2 new commercial units targeting BREEAM ‘Very Good’



“CarbonPlan provided Regeneco with accurate, timely and commercially compliant advice. I recommend them as a provider of a high level of service at all times.” Regeneco



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

[Full Case study found here](#)

CarbonPlan worked closely with the design team to deliver the sustainability strategies from concept & 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 provide around 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'



"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

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)

[Full Case study found here](#)

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.



"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

Nash Mills Wharf: Regeneration (450 Homes, Care Home & Offices)

Project: Planning, Energy Strategy & Local Authority negotiations

Sustainable Features:

- 25% improvement over building regulations
- 'Fabric First' approach

[Full Case study found here](#)

A regeneration project by two of the UK largest volume developers in Hertfordshire consists of 450 residential units (69 Houses, 380 Apartments & 1 FOG for the simple in the room explain this fully first) in addition to 3 Offices and a Care Home.

CarbonPlan's specialist energy services were utilised to negotiate the changing of conditions and a revised strategy based on the principles of fabric first were agreed with the Local Authority



"successfully combining classic design and construction techniques with the use of sustainable materials and state-of-the-art technology". Crest Nicholson

Rolfe Judd Planning

“Rolfe Judd Planning have worked with Carbon Plan on a number of mixed use developments throughout London 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, in particular on Invicta Primary in terms of delivering DS Certification, which is currently pushing for “Excellent” at PCR.”

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 (formally Galliford Try Renewables)

“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”

Merton Borough Council

“CarbonPlan undertook a substantial project to survey the renewables potential in the Borough and to model the planning & commercial implications of developing the Merton Protocol. The work included building a comprehensive cost database & model that allowed policy and investment decisions to be made on the basis of incremental cost. This would extend the Merton Rule for Commercial buildings into the Merton Protocol for use in residential buildings. As part of the follow up, CarbonPlan prepared and helped present to DCLG.”

