

DAVIS LANGDON



Making a measurable
difference to the sustainability
of your business

Our Vision

Sustainability covers a vast breadth of environmental, social and economic issues. Yet the core idea behind this prominent agenda is simple; it's about securing a viable future for ourselves and the generations to come.

Davis Langdon is committed to helping achieve this. To this end we have brought together key professionals from across our business to offer you practical advice on improving the sustainability of property and developments.

Drawing on our specialist knowledge and expertise, we can work with you to meet the environmental, social and economic challenges of development and operations. We can help you reduce and manage energy and CO₂ emissions, as well as address the broader environmental and social impacts of your property. We will engage with you and your advisers at all key stages of your development, from master planning through to project operation, maintenance and decommissioning, to ensure smooth and effective implementation of your sustainability strategy.

Our advice is pragmatic and jargon-free, empowering you to make well-informed decisions in this increasingly complex area.

Where we can help you

	<i>Sustainability and corporate responsibility</i>	<i>Design development</i>	<i>Procurement and construction</i>	<i>Use, maintenance and disposal</i>
Sustainability strategy				
Defining and implementing sustainability strategies	●			●
Environmental Management Systems	●	●	●	●
Portfolio strategy				
Improving portfolio environmental performance	●			
Energy Performance Certificates		●		●
Carbon strategy				
Carbon emissions assessment/indexing	●	●	●	●
Carbon reduction/mitigation strategies	●	●	●	●
Future-proofing				
Climate change adaptation	●	●		
Whole-life-costing		●	●	●
Investment decision support				
Tax and grant opportunities		●	●	●
Environmental options analysis				
Identifying/assessing effective options		●		●
Cost assessment				
Costing sustainability		●	●	●
Sustainable specifications				
Optimising sustainability specifications		●	●	●
Life cycle assessment (LCA)				
Quantifying lifetime environmental impact		●	●	●
Building environmental assessment				
BREEAM, LEED, Code for Sustainable Homes		●	●	
CEEQUAL		●	●	
Green tendering				
Procuring in a sustainable way		●	●	●
Resource efficiency				
Designing out waste		●		
Recycling and recycled content		●	●	●
Site waste management plans				
Reducing and managing waste on site			●	
Environmental management plans				
Operational environmental management plans		●	●	●
Operating strategies				
Post-occupancy evaluation (POE)		●		●
FM Consultancy		●		●
Environmental performance monitoring				
Monitoring strategies and plans			●	●
Design for deconstruction				
Design for recycling/end-of-life		●	●	●

Sustainability and corporate responsibility

Sustainability strategy – We will help you define and implement your sustainability strategy, including stakeholder management, progress monitoring and reporting. We can work with you to develop environmental management systems (EMS) to ISO 14001 compliant status.

Portfolio strategy – Improving the environmental performance of your property portfolio can make a significant contribution to your bottom line. We will assess the environmental and energy performance of your existing and planned building stock, including Energy Performance Certification to comply with the Energy Performance of Buildings Directive (EPBD). We will provide an options analysis and develop action plans to ensure you meet your defined criteria.

Carbon strategy – This involves assessing your carbon footprint and advising how you could reduce and manage it. We will guide you through the process of modifying and mitigating the CO₂ emissions relating to your business operations as well as to your property portfolio.

Future-proofing – Climate change exposes your property portfolio to a range of new risks. We will advise you on climate change adaptation and its implications for building design. We will integrate whole-life-costing into your decision-making process, enabling you to differentiate your assets and protect their value well into the future.

Design development

Investment decision support – Our property tax and finance experts, Davis Langdon Crosher & James will ensure you optimise the grants and tax incentives available for using sustainable technologies in your project.

Environmental options analysis – We will work with you to establish sustainability criteria for your development and identify the options available to meet them.

Cost assessment – Sustainable building requires a holistic approach combining, among other things, location, orientation, materials, building fabric and M&E systems. Our cost managers – including our specialist engineering services experts Davis Langdon Mott Green Wall – are able to monitor the cumulative impact of design development against sustainability criteria to help improve your sustainability performance.

Sustainable specifications – Specification is key to exemplary environmental design. Our specification experts Davis Langdon Schumann Smith combined with our unrivalled cost management expertise will help optimise your specifications in both environmental and whole-life-cost terms.

Building environmental assessment – We assess and enhance the predicted performance of your asset using a range of project-level assessment tools including BREEAM, LEED, Code for Sustainable Homes (EcoHomes) for buildings, and CEEQUAL for infrastructure.

Life cycle assessment (LCA) – We can undertake a LCA of complete buildings or individual elements or components in order to quantify their lifetime environmental impact, and provide practical advice on how to reduce it in a cost-effective manner.

Procurement and construction

Green tendering – We can advise you about procuring building work and related services in a sustainable manner while maintaining focus on achieving long-term value.

Resource efficiency – We can help you design out waste in new build and refurbishments by understanding why it arises, what it costs and how it can be avoided. We will assist you in increasing recycled content in a cost-effective way.

Site waste management plans – We advocate a policy of minimising resource use and managing it effectively. Our process-based approach will help reduce and manage waste effectively, delivering tangible benefits.

Environmental management plans – Working with you, we will develop construction or operational environmental management plans (EMPs) to manage the environmental impacts of using resources such as water, energy and materials during construction.

Use, maintenance and disposal

Operating strategies – We can help you understand how to improve the effectiveness of your facilities through post-occupancy evaluation (POE). Our facilities management consulting experts will help put in place an operational or management strategy that delivers the required sustainability performance cost-effectively and over the life of the asset.

Environmental performance monitoring – Drawing on our wide-ranging expertise, we will provide a best-fit process tailored to your requirements.

Design for deconstruction – Our approach to whole-life-costing includes considering end-of-life, which is vital to the long-term profitability of a built asset. We advise on planning for the deconstruction and possible re-use and recycling of your buildings to maximise end-of-life value and minimise environmental impacts.

For further details, please contact
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Project Management | Cost Management | Management Consulting | Legal Support | Specification Consulting
Engineering Services | Property Tax & Finance

www.davislangdon.com