



*Making a measurable
difference to the
sustainability of
your buildings*

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 and assist you in achieving third party certification.

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 and OHS 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.

Research – Our reach into global experience is active and focussed, made possible through over 100 offices across 26 countries. This global reach enables current knowledge of evolving trends and best practice.

Design development

Urban planning – Increasingly planning constraints require green deliverables. Our town planners enable you to clarify those requirements and to negotiate outcomes that are then connected in the design brief.

Investment decision support – Our feasibility experts will model capital and recurrent cash flows to project valuations on a discounted cash flow basis to help you make the right decisions in protecting the future value of your property assets.

Environmental options analysis – We will work with you to establish sustainability criteria for your new 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 – are able to monitor the cumulative impact of design development against sustainability criteria to help improve your sustainability performance in a value balanced way.

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

Compliance with assessment tools – The market is increasingly discerning about the building's green performance. Our accredited professionals assist in pre accreditation assessments as well as managing the accreditation process itself.

Embodied energy – We are developing our cost planning approach to also quantify total embodied energy (carbon) in new building designs. This approach enables optimisation of design and materials used to achieve environmentally sensitive solutions.

Portfolio strategies

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 and achieve third party certification.

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 stock and benchmark your buildings within the portfolio against best practice. We will provide an options analysis and develop action plans to ensure you meet your defined criteria.

Carbon strategy – This involves assessing your building's 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 building's operations as well as to your whole portfolio.

Future-proofing – The demand for 'green' by tenants exposes your property portfolio to a range of new risks. We will advise you on building performance compared to contemporary and emerging standards. We will integrate whole-life-costing into your decision-making process, propose capital improvements that enable you to differentiate your assets and protect their value well into the future.

For further details please contact
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Project Management | Cost Management | Building Surveying
Specification Services | Urban Planning | Infrastructure Services
Property Services | OH&S Services | Consulting Services
Certification Services

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with ISO 14001 Environmental Accreditation

Where we can help you

	Property solutions	Design development	Procurement and construction	Use, maintenance and disposal
Sustainability strategy				
Defining and implementing sustainability strategies	●	●		●
Environmental Management Systems	●	●	●	●
Portfolio strategy				
Identification of existing environmental performance	●			
Planning for improved performance	●			
Carbon reduction / mitigation strategies	●			
Whole-life-costing, embodied energy calculation	●	●	●	
Environmental options analysis – new buildings				
Identifying effective options		●		●
Cost assessment				
Costing sustainability		●	●	●
Sustainable specifications				
Optimising sustainability specifications		●	●	●
Life cycle assessment (LCA)				
Quantifying lifetime environmental impact		●	●	●
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 of recycling / end-of-life		●	●	●
Research				
Best practice from around the world	●	●	●	●
Cost and benefit research	●	●	●	●

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 nationally and globally, we can work with you to meet the environmental, social and economic challenges of developing new buildings and operating existing buildings. We can help you reduce and manage CO₂ emissions, as well as address the broader environmental and social impacts of your property portfolio. 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 the smooth and effective implementation of your sustainability strategy.

Our advice is pragmatic and jargon-free, empowering you to make well-informed decisions. We will steer you through the maze of issues, help you to prioritise and manage the many inputs to achieve your green goals.

Davis Langdon is a multi-disciplined consultancy that enables clients to meet their property, development, construction and infrastructure needs through a comprehensive group of independent services.

Innovative thinking