



Think differently
Shaping a sustainable future for your business

THINK DIFFERENTLY

We bring a different perspective on how to optimise the future sustainability of your business.

Climate change and the sustainability agenda are redefining the approach to so much in the world around us. The impact is seen on business operations, land development and usage, real estate commitments and product design on a local, regional and global level.

WSP – ACHIEVING RESULTS

The breadth of expertise within WSP Group plc enables us to reach into your business to help you create your sustainability story.

Through a collaborative approach we will work with you to help identify what sustainability means to you; assess where you can make the biggest and most efficient impacts; and devise practical and commercially applicable solutions. Don't expect a standard approach. We will be creative. We will challenge you and we will turn thinking on its head.

LET'S TALK ABOUT ... SUSTAINABLE MASTERPLANNING

At WSP we are proud to be playing an active part in shaping a sustainable built and living environment for tomorrow.

We deliver integrated sustainability strategies. These shape regional and city development frameworks as well as influencing urban and building specific masterplans and infrastructure plans.

Our ability to develop appropriate sustainable urban systems means that we can advise on green building design, transportation planning, opportunities to embrace renewable energy and the whole sustainable nature of a community.

MASDAR CITY, ABU DHABI

The world's first city to adhere to the principles of zero carbon, zero waste.

Commissioned by architects, Foster & Partners, WSP developed the sustainable infrastructure strategies for the detailed masterplan of the six million square metre, car free Masdar City, designed to 'One Planet Living' principles.

Our infrastructure strategies included:

- Distribution of energy and power throughout the city
- Waste management
- Treatment of water and sewage
- Drainage
- IT and telecommunications, including intelligent infrastructures for security, wireless networks and district cooling systems



GLOBAL EXPERTISE

We will connect you with great thinkers from around the world.



Talk to us about your aims, your concerns, and your challenges. We will listen. And we will work collaboratively with you to help deliver the sustainable improvements you require to enhance your competitive position.

We will draw on the expertise that exists across our global business. We have strong presence and expertise regionally, combined with acknowledged global thinkers. It's a powerful combination that enables us to consider the most appropriate best practice for our clients.

LET'S TALK ABOUT ... END-TO-END FOOTPRINTING

WSP works with many organisations to assess their overall carbon emissions and shape their sustainability story.

Our view is that traditional carbon footprints only tell half the story, usually focusing just on utilities and travel. Our approach is to provide a high level overview across a whole business. This takes account of real estate, how much carbon is in the supply chain and the carbon emissions from products once they have been sold.

We map out your end-to-end carbon emissions and present a simple graphical diagram for your whole business. We will then help you plan the next steps both strategically and for your operations.

MEASURING FOOTPRINTS, GLOBALLY

We respect that the development of a strategic sustainability story is a competitive and market sensitive subject for our clients. So hopefully you will respect we can only give you outline examples of our delivery.

- For an international property company who develop and manage major schemes we are currently assessing the carbon emissions in their whole business. From their own operations, to the construction and future use of their schemes.
- We are currently working with an international retailer to assess their end-to-end footprint, taking account of making and getting the goods to stores, how consumers get to stores and how they use the products they buy.
- And for consumers worldwide we are developing innovative calculators that track ecological impacts, including water and carbon, and offer practical steps to reduce footprints. Check out www.carbonsmart.com.au as an example.

UNPARALLELED REACH

Our breadth of expertise means we can draw together all your sustainability challenges.



The experience and the creativity offered by WSP means that we can help our clients think differently about these challenges and respond in a positive and business enhancing manner. Not only do we help our clients deliver sustainable solutions within their own business, we also help them to reflect sustainability into business propositions to their own clients, resulting in real competitive advantage.

We believe we can offer unparalleled reach in managing sustainability issues. From accounting models that reveal the financial impact of reducing carbon emissions at different levels; to tailored online carbon calculators; to exemplary green building design; to developing sustainable infrastructures; through to reflecting nature's response mechanisms to climate change and reflecting that in our thinking around masterplanning.

LET'S TALK ABOUT... ENERGY EFFICIENCY

We are working with clients to improve the energy performance of their business operations and their real estate during design and use.

For clients who require a full business operational review, our advice can include emissions management, utility sourcing approaches to behavioural change, energy performance contracting management and strategic assessments of complete real estate portfolios.

STRATA, LONDON

WSP developed an energy strategy for this iconic 43 storey residential tower in London.

The 25,000 sq m tower is designed to set standards to regenerate an area of South London, with a target of 'Very Good' from an EcoHomes assessment.

A range of energy efficient initiatives in the development will enable:

- Electricity to light a significant number of the apartments, provided by three wind turbines integrated into the building architecture
- Connections to a multi utility service company (MUSCo) to provide heating, power, green water and a fibre network to each apartment
- Energy reduction measures to exceed 25% of current (Part L) standards
- Energy costs per apartment will be up to 40% below the UK housing average

A SNAPSHOT OF OUR EXPERTISE

We believe we have something rather special to offer, and we are certainly not afraid to be innovative.

Sustainability means different things to different people.

We recognise that all of our clients will require something different in respect of their approach to sustainability. But we believe our breadth of expertise, our track record in delivering world class projects, our innovation and our commercial and pragmatic approach, position us ideally to shape your sustainable future.

Here is a snapshot of some of the core areas of our expertise that illustrate our breadth.

SHAPING ENERGY EFFICIENCY OF REAL ESTATE –

- Performance analysis and efficiency planning
- Carbon reduction programmes to enhance asset value
- Delivering Energy Performance Certification
- Advising on Energy Performance Contracting

SHAPING BEHAVIOURAL CHANGE –

- End-to-end carbon footprints
- Product stewardship and design for the future
- Strategic direction and behavioural change
- Regulatory compliance and governance
- Application of Green Leases for real estate

SHAPING GREEN BUILDING DESIGN –

- Innovative design
- Leading-edge renewable energy technologies
- Compliance and excellence with Building Codes
- Infrastructure planning

SHAPING THE FUTURE WORLD –

- Designing cities of the future
- Strategic sustainable masterplanning
- Planning for climate change
- Sustainable development frameworks
- Transport and infrastructure strategies
- Investment in and development of clean and renewable energy projects

TAKING A DIFFERENT PERSPECTIVE

Pride and innovation in our delivery are at the core of our business ethos.

WSP Group plc is a leading global business providing management and consultancy services to the built and natural environment. We employ over 9,500 people across an office network in excess of 100 locations globally.

Our multi-disciplinary approach takes advantage of a strong local presence in the major regions of the world, and combines this with the delivery of global best practice which comes from the expertise we can draw on throughout our business.

Our specialists lead change across broad ranging areas of sustainability including sustainable design, carbon emissions reduction, green building design, climate change, waste management, sustainable transport and infrastructure systems, regeneration and flood management.

In 2007 we were voted Environmental Advisor of the Year and were a triple winner at the 'Sustainable Building Services Awards'.

SO, LET'S TALK...

We have hundreds of specialists we can put you in touch with. But let's start with these four key contact points – we look forward to debating your challenges.

For enquiries relating to sustainable development, please speak to:



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For enquiries relating to sustainable building engineering, please speak to:



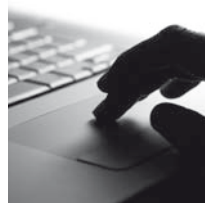
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For enquiries relating to sustainable infrastructures, please speak to:



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For a general enquiry about our capabilities anywhere in the world, simply email:



carbon@wspgroup.com