



Built Environment Sector Profile

Global services for sustainable development

Contributing to 40% of the world's GDP, the built environment sector plays a key role in jobs and growth.

With the largest materials flow in the global economy, the sector produces assets that are larger and longer-lived than any others, whilst also contributing to around a third of global energy consumption and associated greenhouse gas emissions.

What future are you going to build?

As we transition to a one-planet, low-carbon economy, the built environment sector has a major role to play in *what* future we build and *how* we build it.

Engaging with the sustainability agenda is vital for those who want to keep ahead of regulation, meet industry expectations and find new innovations.

Core improvements across the built environment lifecycle

Anthesis provides a range of core sustainability services across the built environment lifecycle - from early strategy definition and planning, through design and construction, to operation, maintenance and decommissioning.

We provide sustainability insights and solutions across the sector, to institutional investors, development teams, designers, contractors and product manufacturers.

Our expertise at a glance

- » Cutting carbon and saving energy
- » Environmental due diligence
- » Effective waste and resource management
- » Manufacturing sustainable materials and using responsible products
- » Reaching the right standards and certification
- » Creating sustainable cities
- » Assessing risk and communications

Cutting carbon and saving energy

The built environment sector has tough targets to reduce their carbon and energy. Strong regulatory and reporting requirements mean organisations need to assess, monitor, report and reduce carbon footprint and energy impacts.

Our capabilities: We have a strong track record in realistic, easy-to-use solutions that help companies manage down carbon and reduce energy costs. Our team has world-leading expertise in carbon footprinting, greenhouse gas reduction and reporting. We also have an exceptional track record in energy optimisation, solving the performance gap and enabling new energy solutions.

Environmental due diligence

Clarity on due diligence is vital from the very outset of the project to give your investment a sound footing.

Our capabilities: Specialist skills in transactional services and due diligence assessment, particularly in relation to environmental due diligence, permitting and compliance assessment.

Our experience

London Underground | Understanding infrastructure carbon and carbon assessment

Hammerson Shopping Centre | Strategy to reach Net Positive by 2030

Sheffield City Council | ECO funding for heating systems across housing estates

Unite Students | ESOS compliance of 138 student accommodation buildings

Construction Sites | EDD of 50 construction manufacturing sites

UK Universities | Delivering over 80 energy and carbon projects for 29 universities

Effective waste and resource management

There are tough regulations and industry standards around resource use and waste, as well as a strong business case for resource efficiency and cutting waste. Companies are now going beyond this to find ways to implement circular economy solutions within their models.

Our capabilities: We have exceptional proficiency in waste and resource management, combined with cutting edge capabilities in the new and growing field of circular economy within the built environment.

Manufacturing sustainable materials and using responsible products

Organisations are under pressure to ensure the products they manufacture and use are environmentally and socially sustainable. Increasing stakeholder and public focus on toxicity, transparency, and producer responsibility changes the game for all industry players.

Our capabilities: With specialist teams in sustainable chemistry and responsible sourcing, we are well-placed to support organisations navigate this new operating environment efficiently and effectively.

Reaching the right standards and certification

The built environment sector subscribes to many standards. Some, such as EHS, are common across the industry, while others, such as responsible sourcing and EDGE, are newer and growing in popularity.

Our capabilities: Our specialists have deep and detailed knowledge of the core and emerging industry standards, including: EHS, EMS, EDGE, BREEAM, LEED and Wellbeing and Responsible Sourcing. They can act as expert advisors, helping organisations navigate the best approach and have extensive experience in preparing organisations for certification.

About Anthesis

Anthesis is a global sustainability services and solutions provider, which believes that commercial success and sustainability go hand in hand. We develop financially driven sustainability strategies, underpinned by technical expertise and delivered by innovative teams across the world.

The company combines the reach of big professional services groups with the deep expertise of boutiques. Anthesis has clients across industry sectors from corporate multinationals such as Reckitt Benckiser, Cisco, Tesco, The North Face and Target. The company brings together expertise from countries around the world and has offices in the U.S., Canada, the UK, Ireland, Germany, Sweden, Finland, China, the Philippines and the Middle East.

For further information, contact:

Susan Harris

Built Environment Lead

Susan.Harris@anthesisgroup.com

T: +44 (0)7787 185 741

Creating sustainable cities

In an inter-connected, rapidly urbanising world, creating sustainable cities is becoming an important concept, encapsulating several topics: energy, carbon, waste, materials and standards. The know-how here comes in being able to integrate these themes in one overarching plan.

Our capabilities: We have a team of reputable experts in systems thinking combined with deep technical expertise on energy networks, waste and resource management systems, planning, and design.

Assessing risk and effective communications

All organisations need to assess their sustainability risks and report on sustainability, whether internally as part of good business practice or externally to meet industry expectations. Communications are key to sharing progress effectively with all stakeholders.

Our capabilities: We have the tools and track record to enable business-appropriate risk assessment and sustainability reporting. We bring a new level of professional communications strategy and value articulation specifically to the built environment sector.

Our experience

London 2012 | Strategy planning to reduce carbon impacts during the Olympic games

Birmingham City Council | Delivering a transition to a decentralised energy system

Steadman and Sons | Preparing for a BES 6001 responsible sourcing certification

The Stone Federation | Developing sector specific standards for responsible sourcing

California Air Resources Board | Sustainable materials and life-cycle emission profiles

Helsingborg City | Solution to create an energy positive district