

FUTURA BRIGHT

SHAPING A SUSTAINABLE FUTURE



A Cooper Homewood Company

ABOUT US



The UK target is an 80% reduction in greenhouse gas emissions from 1990 levels by 2050. The relevance of sustainable building design practices has never been greater.

At Futura Bright, we don't just see challenges, we see opportunities to build better, to build brighter. Our mission is to empower our clients to embrace sustainability as a catalyst for progress, not a hindrance.

The world of sustainability can seem daunting, even obstructive to some, and we're here to break down barriers, to guide you through the complexities, and to illuminate the path towards sustainable development. We want to shape a future where sustainability and development go hand in hand.



OUR TEAM



Blending experience with innovation, our team provides tailored sustainability services for industry professionals.

In the complex world of sustainability, our team offers experienced leadership and a clear, reasoned voice and will provide end-to-end support, from initial assessment and planning to project completion.

We'll help you to minimise the environmental impact of buildings through intelligent engineering, expert technical analysis, and sustainable design.



WHAT OUR CLIENTS SAY...

"We were thoroughly impressed with the level of service provided. From the initial briefing stage through to the final delivery, the team demonstrated a high level of professionalism and expertise."

Design Manager, Mitie Projects

"The Sustainability Team at Futura Bright have assisted on several sustainability matters on a range of projects where they have always provided a very efficient, diligent service. The teams communication is excellent and their reports always meet our requirements. I would highly recommend them."

Director, Southern Planning Practice

"The team demonstrated a clear understanding of our needs and went above and beyond to exceed expectations. It's clear they are committed to providing a quality and friendly service which demonstrates compliance."

Head of MEP, Mount Anvil

OUR SERVICES



We work on projects, across all built environment sectors, providing a comprehensive range of services that benefit both our clients and the planet.

Our consultants work closely with clients to navigate current and future regulations, securing a successful and sustainable future for all.

Our niche expertise ensures that every project is approached with precision and care, delivering solutions that are as unique as your vision.

We achieve this with trusted technology, straightforward advice, and practical solutions.



- **Planning Support**
- **Environmental Modelling**
- **Building Regulations Compliance**
- **Reducing Carbon Energy and Bills**
- **London Development**
- **Decarbonisation plans**

Planning support

As environmental restrictions become more challenging, more and more of the performance of a building is needing to be tested before planning approval.

Emissions reductions enforced by the majority of local authorities and encouraged by others need to be demonstrated, either to meet emissions targets or to provide information on any Carbon Offset Payment that may be needed.

We offer a range of calculations and reports which aim to provide detailed information in an easy to understand manner to be submitted in support of your application.



Building Regulations Part L and O becoming increasing challenging, elevations and window layout need to be tested before the fixing of drawing following approval to avoid the risk of amendments down the line.

Building Regulations Compliance Residential

Navigating building regulations in the residential sector presents unique challenges.

We provide thorough evaluations of residential projects to identify regulatory requirements and ensure compliance throughout the design and construction stages.

Expert guidance will help you navigate complex residential building regulations, zoning ordinances and permitting procedures. We'll integrate sustainable design principles to enhance energy efficiency, environmental sustainability and overall liveability in residential buildings.



- ADO Overheating Risk
- Photographic Evidence - Part L
- SAP Calculations
- Thermal Bridging Analysis
- Air Leakage Testing
- EPC Ratings
- Part G Water Calculations

Building Regulations Compliance Non-residential

Compliance in the non-residential sector can be challenging, particularly when addressing regulatory requirements related to building codes, zoning ordinances and sustainability standards.

We specialise in providing tailored solutions to address these challenges and sustainability standards and our expert guidance will help you to navigate complex building regulations, such as occupancy classifications, fire safety codes and accessibility standards.

We provide streamlined support in obtaining the necessary permits and approvals for non-residential projects.



- **Building Regulations Part L Compliance (SBEM Calculations)**
- **Air Leakage Testing**
- **EPC Ratings**

Environmental Modelling

Environmental modelling enables a deeper understanding of the main processes and techniques for managing environmental changes. It is crucial in assessing the impact of projects on the surrounding environment and communities.

We offer a comprehensive suite of environmental modelling services to help you make informed decisions and mitigate potential risks.

Our team of environmental specialists brings extensive experience and expertise in environmental modelling techniques and regulatory requirements. We leverage advanced modelling software and tools to deliver accurate and reliable assessments that inform sustainable design decisions and meet the unique needs of each project.



- Energy Statements
- Building Regulations Part L Compliance (SBEM Calculations)
- Air Leakage Testing
- EPC Ratings

Reducing Carbon & Energy Bills

Reducing carbon emissions and energy bills is not only essential for environmental sustainability but also for improving the long-term economic viability of buildings and developments.

We offer a range of tailored services to help architects and developers minimise carbon footprints and optimise energy efficiency.

Our team of energy specialists offer expert guidance and support throughout the carbon and energy reduction process.

Our services are designed to help improve the financial performance and value of clients building and developments whilst contributing to a more sustainable built environment and helping to mitigate climate change.



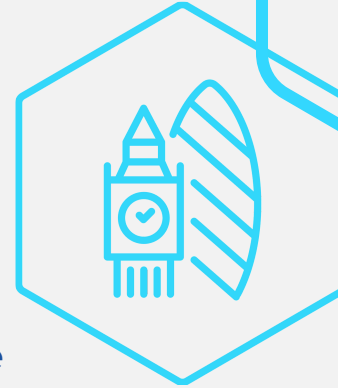
- **Circular Economy Statements**
- **Overheating Analysis - TM52**
- **Thermal Bridging Analysis**
- **TM54 Operational Energy Use Modelling**
- **Decarbonisation Plans**

London Development

As a hub of innovation and sustainability, London offers unique opportunities for developers to create sustainable, environmentally conscious developments that enhance the city's urban landscape.

Our team has extensive knowledge of London's regulatory environment, urban planning initiatives and sustainability goals, enabling us to provide tailored solutions for developments in the city.

We leverage innovative technologies and best practices to deliver cutting-edge sustainability solutions that meet the unique challenges of London developments.



- **Air Quality Neutral Assessments**
- **Circular Economy Statements**
- **Daylight & Overshadowing Assessments**
- **Energy strategies - London plan**
- **Whole Life Carbon Assessments**
- **TM54 Operational Energy Use Modelling**

Decarbonisation plans

Whether it's your own house, or part of a wider property portfolio you manage, decreasing emissions from existing buildings is a key aspect of the route to reducing global emissions,

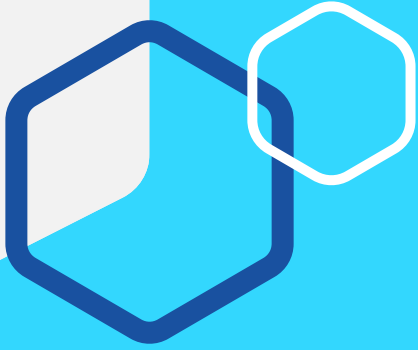
Our team is able to digitally replicate your building and its current performance within dynamic software and calibrate this to your existing energy use through the approved CIBSE TM63 methodology, ensuring it is an accurate representation of your current building.

From here, energy improvements can be modelled – from increased insulation to replaced glazing and HVAC, so that the improvement in energy use, emissions and cost of running can be modelled and demonstrated.



Decarbonisation forms part of ESG commitments and a drive to reduce the impact of energy price fluctuations in your building stock

OUR PROJECTS



As a leading provider of sustainability solutions for the built environment, we are able to showcase examples that highlight our dedication to creating a brighter world.

We work on projects from a wide range of sectors, including:

- Residential
- Commercial
- Offices
- Education
- Industrial
- Healthcare

We are proud of the variety of projects we win and the diverse array of clients we work with.





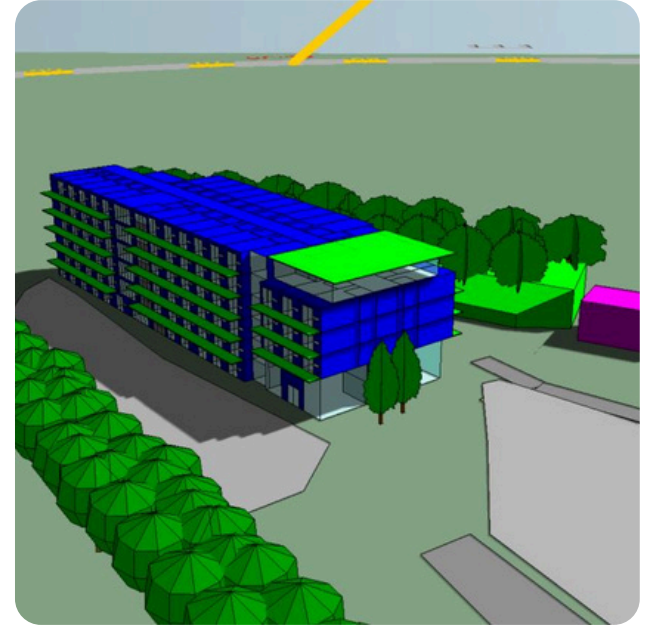
Sugar House Island

Daylight & overshadowing
Internal daylight calculations



Lees Yard

Overheating assessment - Part O



Ocean View and Maritime Studios, Falmouth

Dynamic Energy Modelling
Decarbonisation Options Report/Plan



Beaufort Park

Whole Life Carbon Assessment



Wellborne Garden Village

SAP Modelling

SBEM Modelling

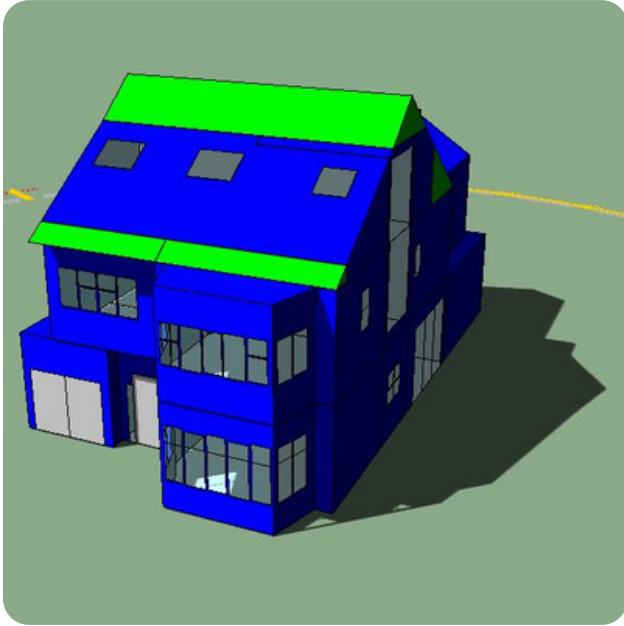
Overheating Assessment

Heat Loss/Gain Calculations



Highwood Village

Whole Life Carbon Assessment



Private residence, London

Dynamic 3D Modelling

Bespoke Sustainability options report to inform of cost of running and emissions improvements.

Overheating Modelling



Royal National Orthopaedic Hospital

TM54 Operational Energy Use

Modelling in support of BREEAM



Warsash Maritime Academy

SAP and BR Part O for Warsash

Overheating assessment - Part O

Thermal Bridge Calculations



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