

BE



Capability Statement

ESG, Sustainability & Wellbeing

BE WELL
BE Zero

Our Team



Anna Tsartsari
Director
ESG & Sustainability

Chartered Civil Engineer and dynamic leader with over 20 years practical design and management experience.



Andrew Gwynne
Director
Sustainability and Wellbeing

Chartered member of the Institute of Builders and BREEAM Assessor with over 20 years consulting experience in delivering sustainable projects.



Darcy Kitson-Boyce
Director
Head of Geo-Environmental Design

Chartered Environmentalist with over 15 years' of experience delivering technical solutions to all manner of ground engineering problems, with a particular emphasis on helping clients understand and manage ground risks.



Joey Aoun
Sustainability & ESG Director,
London Office Lead

Chartered Architect and Engineer with over 11 years of international experience in design, engineering, sustainability advisory, and client-side ESG leadership



Birgit Schneider
Principal Sustainability
Consultant

Qualified BREEAM UK New Construction 2018 & International Accredited Professional. Birgit has over 17 years' experience in the Construction industry in Germany and the UK.



Birgit Painter
Senior Sustainability
Consultant

Passionate about sustainability and the built environment, with expertise in low energy buildings, sustainability/ESG assessment method

Our Philosophy

The four core values of: Innovation, Collaboration, Excellence and Integrity are at the very heart of our business. These values enable BE Design to be a vibrant, diverse and enthusiastic multi disciplinary design consultancy. Our unique approach to ESG, sustainability and wellbeing within architecture, civil and structural engineering results in exceptional places that are adaptable and resilient for the future.

We have an established reputation of providing and delivering sustainable, creative and practical solutions that create a sense of identity. Our success is founded on our innovative and forward-thinking approach, underpinned by our advanced technology and a comprehensive understanding of underlying technical, environmental and sustainability issues.

We are committed to providing cost effective and deliverable designs of the highest quality and to being integral to our client's success, making it simple to operate sustainably and responsibly throughout the lifetime of your projects.

We are passionate about excellence in everything we do and how we do it. Our vision is to continue to advance innovative sustainable design solutions where businesses, people and nature can flourish, through the design of efficient, healthy, biophilic buildings and places that deliver physical, mental and environmental wellbeing for our clients, stakeholders and communities.

"Designing responsibly for the future"

Our ESG, Sustainability and Wellbeing Services

ESG and Sustainability

- ESG Strategy (Corporate and Project)
- Social Value Assessments
- Sustainable Procurement Plan
- Sustainability Statements for Planning
- Climate Change Adaptation
- Home Quality Mark
- Post-Occupancy Evaluation
- EU Taxonomy
- ESG and Technical Due Diligence.
- ESG data and reporting platform

BREEAM

- BREEAM UK New Construction
- BREEAM International
- BREEAM In Use
- BREEAM Domestic Refurbishment
- BREEAM Non-Domestic Refurbishment
- BREEAM Accredited Professional

Wellbeing and Biophilic Design

- Wellbeing Strategy
- WELL Building Standard
- Biophilic Design
- Thermal Comfort
- Sunlight/Daylight

Energy and Low Carbon Strategy

- Energy Statements For Planning
- Circular Economy Assessments
- Life-Cycle Assessments
- Energy and Net Zero Carbon Strategy
- Renewable Energy Feasibility
- Overheating Assessments
- Passive Design Solutions
- Fabric Energy Efficiency Design
- Part L Assessments / EPCs
- CRREM Analysis
- IES Dynamic simulations
- Climate risk and resilience.
- Add-d-ZERO
- LEED, NABERS, BREEAM celebrations.



Our Approach to ESG



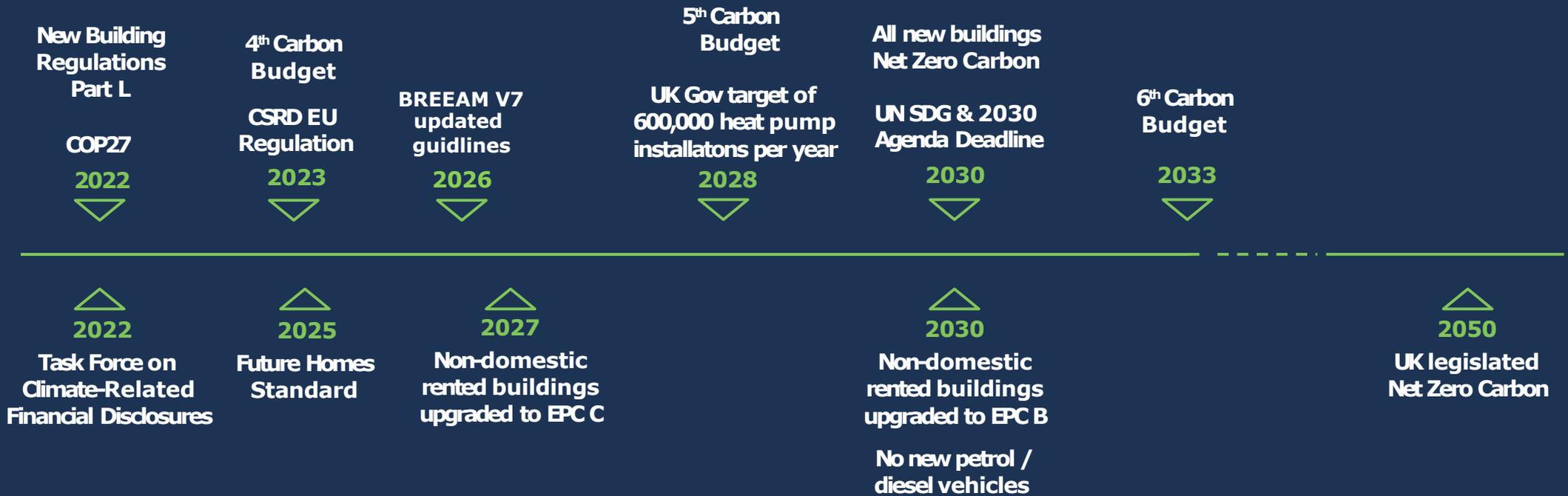
BE Well BE Zero sits at the heart of what we do to deliver sustainable placemaking.

It is our approach to how we work and how we design.

It is our pledge to strive for Zero Carbon, Zero Waste and Zero Environmental Impact.

It is our promise to achieve Physical, Mental and Environmental Wellness for our People, Projects and Planet.

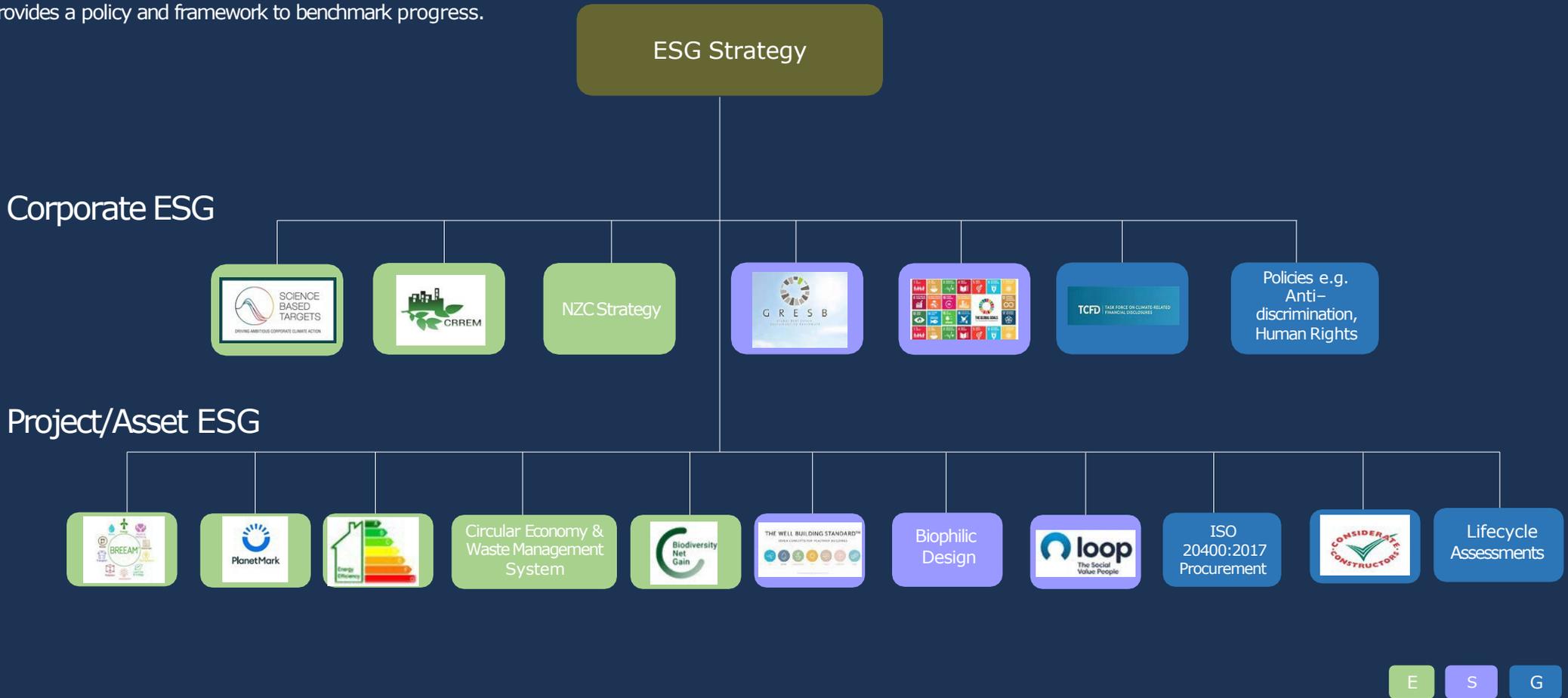
Why **BE WELL** **BE Zero** Now?



Delivering ESG

We are able to deliver ESG for our clients not only for individual projects, but also at an overall corporate level.

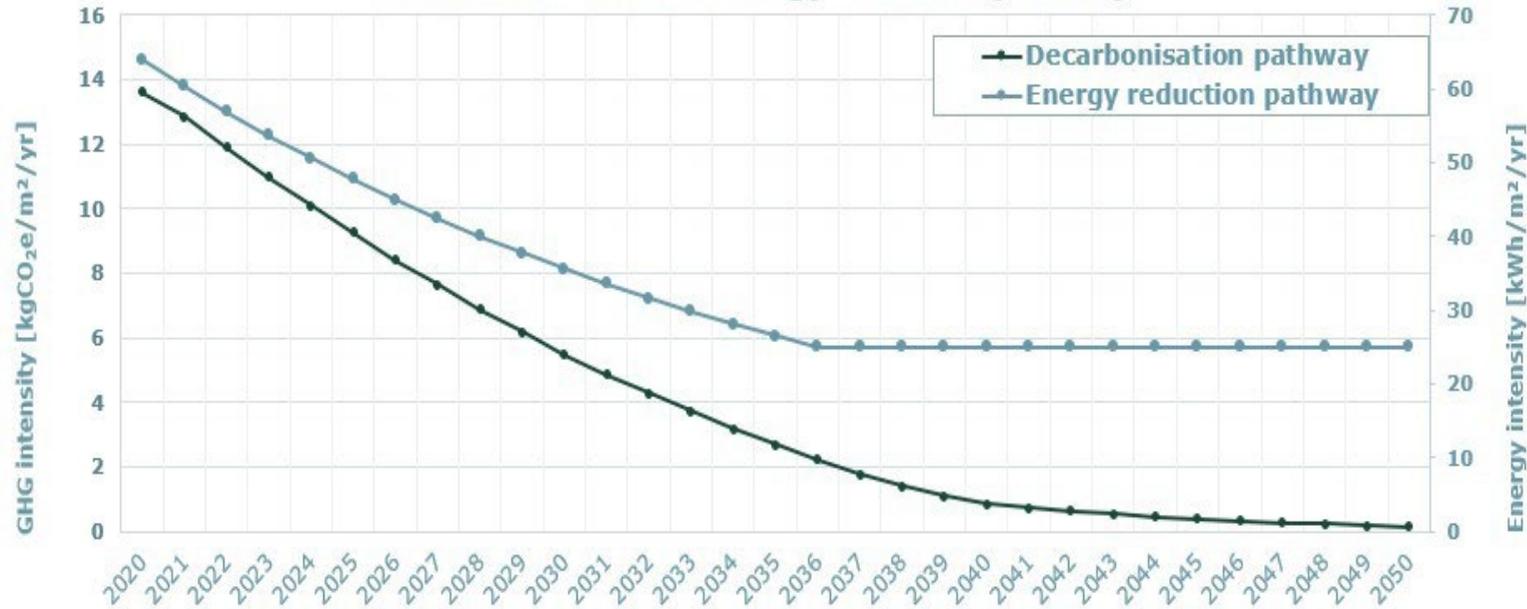
We will drive the process for you, using a number of tools and metrics to assess your current position and provide an integrated strategy that mitigates business risks and provides a policy and framework to benchmark progress.



Reducing the Risk of Misaligned Assets

(Portfolio Modelling)

Decarbonisation and energy reduction pathway



Global warming target:	1.5°C
Country:	United Kingdom
Type of use:	Industrial, Distribution Warehouse

BE design can assess the risk of your assets becoming "Misaligned Assets", in line with the relevant country decarbonisation pathway.

This will help future proof your business to prevent assets from becoming obsolete by designing new buildings to meet the 2050 Net Zero targets and prioritising retrofitting solutions to existing assets.



Wellbeing and Community

Project Examples



Wellbeing spaces



Sports pitches



Good natural daylighting



Community involvement



On-site creche and gym



Green reception area



Biophilic design and promotion of stairs

Community eating spaces



Biophilic waiting area



Healthy eating / food pop-ups



Biophilic Design and Biodiversity

Project Examples

Bird and bat boxes



Green roofs



Green walls



Herbaceous planters



Safe cycle and pedestrian routes

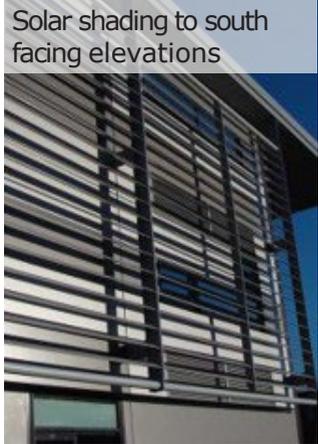


Green sheltered areas



Climate Change and Net Zero Carbon

Project Examples



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[Retrofitting care homes to net zero standard](#)
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[Hoyland West, Barnsley](#)



European Industrial & Logistics Retailer

Germany



Priority 1 Towards Net Zero Carbon (BE Zero)

- Passivhaus u-values
- Heat pump options being explored
- Solar PV to at least 60% of the roof
- Viability for batteries being investigated
- EV charging for cars and HGVs

Priority 2: Wellbeing and Biophilic Design (BE WELL)

- Nature trail around site
- SUDS ponds creating attractive spaces good for biodiversity
- On-site gym
- Maximised rooflights for natural daylight in warehouse space
- Natural materials and shapes used externally and internally
- Flexible spaces for yoga, reading or prayer

Priority 3: Resource Efficiency (BE Zero)

- BREEAM International Excellent
- Circular economy principles
- Water efficiency

Harworth Group, Logistics North

Bolton, UK

Client

Harworth Group

During this project we were responsible for the remediation and re-use of contaminated site. We developed a Net Zero Carbon strategy with the client for future projects, analysing passive design measures, Low and Zero Carbon Technologies, PV optimisation, Life Cycle embodied carbon and carbon offsetting. The result was a roadmap to Net Zero for the developer and end user.





During this project BE Design acted as the BREEAM assessor whilst also supporting the client and design team through the BREEAM AP role. This co-ordinated approach allowed us to maximise credits by providing additional support services, including energy modelling and passive design analysis.

Retrofitting care homes to net zero standard

UK



We are working with Impact Healthcare REIT to support them to deliver their asset portfolio ambitions for 100+ properties in terms of getting to Net Zero Carbon in the context of their broader Environmental, Social and Governance (ESG) strategy.

The aim of this work is to help Impact Healthcare achieve their priorities which are understood to include:

- Future-proofing Impact Healthcare's portfolio for Net Zero Carbon
- Enable readiness for EPC legislation changing to a minimum B rating
- Develop a cost-effective retrofit strategy
- Work and enhance stakeholder relationships on actions to be taken
- Communicate to investors the Net Zero Carbon actions being taken by Impact Healthcare



Retrofitting care home example



Solar PVs



Fabric Efficiency



Active Travel

We have supported Newlands Developments in submitting a hybrid planning application for 72,000m² logistics and employment uses. Our Sustainability and Net Zero Carbon future-proofing strategy addressed Barnsley's ambitious Net Zero by 2045 target by including the following key elements:

- High levels of fabric energy efficiency to heated spaces to reduce energy demand further and avoid the need for retrofit in future, resulting in a 13.3% CO₂ reduction over Part L
- Air source heat pumps provide heating and cooling and will result in the building continuing to decarbonise over time as the grid continues to decarbonise
- Installation of Solar PV to generate 57,400kWh/yr and solar thermal will achieve a further 10% on-site CO₂ saving
- The roof will be 'solar-ready' to allow for the provision of a further 1,280m² solar PV in order to achieve 100% on-site CO₂ savings in future
- Consideration of future installation of battery storage to reduce peak demands
- Investigate the potential carbon offsetting, such as tree planting and community upgrade schemes, to offset remaining carbon
- 5% active electric vehicle (EV) charging points with ducting for future cabling
- Implement sub-metering strategy, to understand energy use in operation
- Active travel, promoted through biophilic and wellbeing design
- Wellbeing integration through Green space, nature walk across site and biodiversity area



[sustainable placemaking](#)

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