Building a better world
Leadership statement

At Brookfield Properties, we believe that building a better world is not only our mission, it’s our responsibility. Embedding sound environmental, social and governance (ESG) practices across our business is essential for talent attraction, retention and delivering sustainable and resilient performance. This translates to increased long-term value for our stakeholders and better environmental and social outcomes for our community – a win-win scenario.

In 2022, we focused our attention on a number of key areas where we were able to make an immediate positive impact. Our efforts in improving Tenant & Employee Engagement and enhancing our Health & Safety and ESG expertise have already yielded encouraging results, and we are excited to keep that momentum going in the year ahead.

Tenant Engagement: Building better connections in the places where people live and work

With the launch of Brookfield Properties’ industry-leading tenant app Axiis and engagement programme Activated in the London market, we are bolstering our commitment to improving our tenants’ day to day experiences. Through our increased engagement touchpoints, we are able to deliver a well-attended and reviewed programme of events and activities to create vibrant places and engage our tenants and the wider community. We will continue to expand and fine-tune our programming throughout 2023 to respond to feedback and reflect the needs of the people that we serve.

Employee Engagement: Supporting a culture of teamwork through open communication

The breadth of talent, skill, knowledge and passion that our colleagues possess is a source of pride and inspiration for all of us at Brookfield Properties and is a key factor in the attraction and retention of staff and performance of the business. We have increased the frequency of engagement across our team in the last year to ensure that everyone is benefitting from this knowledge and has the opportunity to be heard – to learn from others on key focus topics, to share their own knowledge and ideas, to strengthen our connections and culture, and contribute to discussions on the growth and strategic direction of the business. The mix of formal and social events has proven popular and will be expanded in 2023.

Health & Safety: Building on our expertise and expanding our knowledge base

The health and safety of the people who work at or visit our properties is of paramount importance, and we regularly re-evaluate our systems and processes and provide awareness training to mitigate complacency and uphold our excellent safety record. To support our Health & Safety goals for 2022, we restructured our Safety Leadership Team and recruited a dedicated expert to help coordinate and drive forward agreed initiatives. We suffered no Serious Safety Incidents in 2022, and learned valuable lessons from a small number of near misses – which were analysed in detail to help strengthen our systems and processes to mitigate recurrences.

In 2022, we focused our attention on four key areas where we were able to make an immediate positive impact. Our work on Tenant & Employee Engagement, Health & Safety and ESG has already started yielding results, and we are excited to keep that momentum going in the coming year.”
About us

Brookfield Properties is a leading global developer and operator of high-quality real estate assets. We are active in nearly all real estate sectors, including office, retail, multifamily, hospitality, and logistics, operating more than 800 properties and over 380 million square feet of real estate in gateway markets on behalf of Brookfield Asset Management, one of the largest asset managers in the world.

The contents of this report focus on the portfolio in the United Kingdom, specifically our commercial office portfolio in the city of London, and our regional retail parks across the U.K.

With a focus on sustainability, a commitment to excellence, and the drive for relentless innovation in the planning, development, and management of buildings and their surroundings, Brookfield Properties is reimagining real estate from the ground up.

Brookfield Properties U.K. portfolio

📍 12
Office properties in London
(5 million square feet)

📍 9
Retail parks across the U.K.
(2.5 million square feet)
Our approach to sustainability

Our experienced team ensures our developments are strategically and sustainably planned and executed—from start to finish. Our ESG strategy is centred on four strategic pillars, which are integrated throughout our business cycle. From planning and design, to construction, leasing and operations, we aim to create value for our investors and stakeholders—now and in the future.

- **Lead on sustainable solutions**
  We focus on efficient, resilient and future-fit developments and properties which support the needs of our tenants, communities and the planet.
  Read more on page 10 ➔

- **Partner for thriving communities**
  We realise real estate reimagined through collaboration and partnerships to create vibrant, engaged, sustainable communities.
  Read more on page 20 ➔

- **Promote trust through governance**
  We are committed to maintaining the highest ethical and legal standards.
  Read more on page 31 ➔

- **Empower our people**
  We lead with inclusivity, embracing our culture of belonging and investing in our teams to support individual development and growth.
  Read more on page 24 ➔
Our stakeholders

Delivering value to our stakeholders through sustainable practices is our priority. With a time horizon that is both short-term and long-term, our stakeholders are our long-term partners in building a better and stronger future for us all. We regularly seek feedback from our stakeholders through surveys and questionnaires to determine the social and environmental topics that matter to them.

Investors
With ESG performance and traditional financial metrics treated in the same way, investors want to drive capital toward real estate in an ethical, resilient and socially responsible way. Investing in ESG shows a true connection between outperformance, long-term value creation, and risk reduction.

Partners and vendors
We are only able to deliver sustainable solutions by collaborating with partners and vendors who provide the energy efficient, low-carbon materials and equipment necessary to build net zero and low impact buildings. We work as one team toward a sustainable and resilient future.

Tenants, residents, and communities
We’re committed to enhancing the quality of life of our tenants, residents, and communities by building unique low-impact living and working spaces. We actively engage with our tenants, residents and communities, listening and responding to their needs and aspirations.

Employees
We need to attract, retain, and maximise top talent. We engage in the issues which are important to our employees and empower them to contribute to our Company and our communities.
Governance

Sustainability is a key focus for our long-term business strategy and a risk management priority. ESG initiatives are governed by our executive management team, in alignment with Brookfield Asset Management’s ESG Principles.

Read more on page 31 →

ESG Executive Committee

Conor Storkey  
Director, ESG

Dan Scanlon  
Executive Vice President, U.K.

Martin Wallace  
Senior Vice President, Leasing

Caitlin Warfield  
Vice President, Marketing

Dean Manning  
Senior Vice President, Construction

Gary Middlehurst  
Vice President, Engineering

James Cockerton  
Vice President, Asset Management

Richard Fordham  
Director, Human Resources
100% of our office buildings achieved a WELL health and safety certification.
Supporting the UN SDGs

The United Nations Sustainable Development Goals (the UN SDGs) are a call to action for governments, business, and civil society to act for a better, more sustainable future for all.

We know that we need to contribute to the goals where we have the most impact and ability to create change. We identified four goals where we can make a significant contribution through our business.

**Industry, innovation and infrastructure**

Sustainable infrastructure is resilient to climate change and helps businesses thrive.

We design to green building certification standards which help reduce greenhouse gas emissions and give people healthy places to work and live. Across our portfolio, 91% of our offices are BREEAM certified and 100% have Platinum or Gold Active scores. Our portfolio is WELL Health-Safety Rated.

**Sustainable cities and communities**

Most people live in cities. We can help make them vibrant, sustainable, and inclusive.

We share sustainability best practices within the business, the wider industry, and our tenant community. We support vulnerable groups through Brookfield Cares, and we support our people with the partnerships and resources needed to participate in the communities in which we operate.

**Responsible consumption and production**

Global resource use is set to exceed the planet’s available resources by over three times each year by 2050.

We are using circular economy principles when developing buildings to make sure resources aren’t wasted. We retain and refurbish buildings where possible. To ensure that best practice is rolled out across all properties, we run site-specific waste workshops for teams in all new developments.

**Climate action**

Businesses have a key role in reducing emissions in line with climate science, working to limit global warming to 1.5 degrees.

We are committed to reducing our emissions in line with climate science, only using offsets as a last resort. We are committed to halving our Scope 1, 2 & 3 carbon emissions by 2030.
With one of the biggest carbon footprints of any sector, the real estate sector must take action. Our approach to the environment is to create sustainable solutions that reduce carbon emissions, waste, and water.
Since joining Brookfield Properties in March 2022, I have seen first-hand how seriously the business takes its commitment to building a more sustainable future. Our work with the Better Building Partnership and commitment to a 1.5°C aligned science-based target sets our speed and direction of travel. Crucially, we are embedding best practice for measurement and reporting across our four ESG pillars, making it possible for us, and you, to accurately track our progress. Moving forward, we will continue to seek out opportunities for growth that gives back, helping shape the world we share through positive and progressive impact.”

Conor Storkey
Director, ESG

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**Our environmental focus**

**Climate change**
We are investing in GHG emissions measurement and making asset level improvements across our portfolio. We are setting a strategy for net zero by 2050.

*Read more on page 12 →*

**Energy**
We aim to both reduce energy demand and increase renewable energy use across the portfolio.

*Read more on page 17 →*

**Travel**
We are working to lessen the environmental impact of commuting by providing extensive green transport options for tenants and staff.

*Read more on page 17 →*

**Water**
We are upgrading existing properties with water-efficient fixtures and improving the impact of new developments on their surroundings.

*Read more on page 18 →*

**Waste**
We are significantly reducing construction waste by taking a circular economy approach. Once an asset is in operation, we offer a tenant waste management system including recycling.

*Read more on page 18 →*

**Biodiversity**
We have launched biodiversity action plans across our retail portfolio and are getting started on our offices. We aim to improve urban biodiversity and human well-being.

*Read more on page 19 →*
Climate change

Climate change is a critical aspect of how we operate our business. We are setting goals and targets for how we integrate climate change considerations throughout our business. This includes aligning with our parent company’s goal of achieving net zero emissions by no later than 2050, and setting our own near-term science-based target of reducing 50% of Scope 1, 2 & 3 emissions by 2030.

We conduct a climate change adaptation risk assessment strategy on all new-build developments. We work with our design teams to identify, evaluate and, where feasible, mitigate against the impact of the expected increase in extreme weather conditions arising from climate change on the building over its projected life cycle. All new investments must undergo an ESG due diligence checklist, which follows the SASB guidance. This process identifies ESG factors that helps us reduce risk and unlock opportunities.

We identify, assess, monitor and report on physical and transition risks associated with climate change. This framework utilises scenario analysis and defines a methodology to ensure a comprehensive and comparable inventory of risks.

Setting an accurate baseline is a vital step in tackling our carbon emissions challenges. We are investing in precise measurement processes that include conducting energy audits, building condition reports, and creating GHG baseline and benchmark building performance, as well as measuring and managing upstream and downstream emissions.
Net zero carbon pathway

Scopes 1 & 2: Operational carbon
To tackle our operational carbon footprint, we are making asset level improvements across our portfolio. We procure 100% renewable electricity for our offices and continue to implement energy-efficient best practices, such as enhanced HVAC system efficiencies and real-time energy consumption profiling, and we are integrating improvements into capex planning.

Scope 3:
Embodied carbon and tenant energy use
Indirect, Scope 3 emission account for the largest proportion of our carbon footprint. We’re working with our tenants and supply chain to better understand their emissions and support them to set their own targets. All new developments will carry out whole-life carbon assessments and set embodied carbon targets. We engage with tenants through different Accelerate ESG initiatives to help them reduce their energy use.

Read more on page 21 →

Offsetting
Brookfield Properties views carbon offsets as a route of last resort. We carry out due diligence to account for every possible reduction in emissions. Where there are residual emissions, we may choose to purchase carbon offsets, these will uphold the principles of additionality and be verified to industry best practice standard, such as VCS and Gold Standards.

Net zero carbon pathway

<table>
<thead>
<tr>
<th>Year</th>
<th>Scope 1 (Direct)</th>
<th>Scope 2 (Indirect)</th>
<th>Scope 3 (Indirect from our value chain)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>67,813 tCO₂e 79%</td>
<td>12,436 tCO₂e 14%</td>
<td>6,167 tCO₂e 7%</td>
<td>86,416 tCO₂e</td>
</tr>
<tr>
<td>2030</td>
<td>34,261 tCO₂e 49%</td>
<td>5,085 tCO₂e 7%</td>
<td>3,342 tCO₂e 5%</td>
<td>42,688 tCO₂e</td>
</tr>
<tr>
<td>2050</td>
<td>17,222 tCO₂e 25%</td>
<td>2,495 tCO₂e 4%</td>
<td>2,099 tCO₂e 3%</td>
<td>21,816 tCO₂e</td>
</tr>
</tbody>
</table>

50% reduction of Scope 1, 2 & 3 emissions
Net zero carbon pathway continued

**Operational Energy Scope 1 & 2**
- 100% renewable electricity
- Pilot HVO fuels
- Energy audits
- Building level net zero roadmaps
- Begin gas boiler replacements
- Replacement of refrigerant gases

**Tenant and Supply Chain Scope 3**
- Tenant engagement programme
- Training for tenants and supply chain
- Set supply chain emission targets

**Reporting/Data**
- Pilot building data automation
- Calculate baseline
- Publish ESG Report
- Third-party data verification
- Report tenant energy use
- Collect supply chain actual emissions

**Net Zero Commitments**
- Joined Better Building Partnership
- Sign up to Better Buildings Partnership Climate Commitment
- Submit science-based target
- Validate science-based target

**Timeline**
- 2022
  - Pilot building data automation
  - Calculate baseline
  - Joined Better Building Partnership
- 2023
  - Publish ESG Report
  - Third-party data verification
  - Sign up to Better Buildings Partnership Climate Commitment
- 2024
  - Report tenant energy use
  - Collect supply chain actual emissions
  - Submit science-based target
- 2030
  - 50% reduction of scope 1, 2 & 3 emissions

Introduction
Environment
Social
Governance
Additional Information
Climate change approach

Landlord-managed buildings rely on collaboration between landlord and tenants to reduce emissions. Tenants often lack the data they need to report against their own corporate targets and goals, sometimes impacting their own external audits and risking accreditations. We are seeking to change this through our Live Buildings programme. A “Live Building” is one where the data is available in real-time to both tenants and Brookfield Properties. This means we can identify energy hotspots and opportunities for improvement, while tenants can use the information to support their own corporate emissions targets. We need our tenants’ support to achieve this.

Metering data automation at Aldgate Tower

Working with Schneider Electric (U.K.), this pilot project connects virtual landlord and tenant meters to the cloud, providing automated meter data of real-time energy consumption. The data is integrated in Schneider Electric’s Resource Advisor data management software, which automatically calculates our GHG emissions and provides the data for our energy consumption and emissions dashboards.

The project has improved data accuracy and speed of reporting, whilst enabling real-time monitoring to identify carbon saving initiatives.

The pilot has been successful and is now being expanded across our portfolio.

Building analytics at Citypoint

Brookfield Properties has adopted the latest industry building analytics approach to better understand the performance of its HVAC systems across selected refurbishment and new development projects.

In partnership with Honeywell Forge, we’ve deployed a solution that optimises Citypoint’s energy performance, generating analytics that visualise the opportunities for improvements in real time, allowing our capex investments to be targeted at HVAC efficiencies, but also improve operational data collection and reporting.

We are now exploring opportunities to expand across our portfolio.
The Gilbert is the first Brookfield Properties building to be third-party audited to the U.K. Green Building Council net zero carbon in construction standard. The renovation of the Gilbert retained 90% of the original structure, saving approximately 80% of the embodied carbon emissions compared with a new building.

**Case study**

The Gilbert—setting the benchmark for sustainable building success

Refurbished in 2021, our approach to The Gilbert was to set the benchmark for sustainable building success. The refurbishment of The Gilbert retained 90% of the building’s materials, extending the life of the existing building and making it more relevant for the current and future needs of a workspace.

The renovation preserved the historic character of the building. The retained elements, notably the façade and substructure, saved approximately 80% of the embodied carbon emissions compared with a new building. This is 9,600 tonnes less than the LETI (Low Energy Transformation Initiative) Office Benchmark for embodied carbon.

The building is also more energy-efficient in its operation. Air source heat pumps, a highly efficient cooling system, LED lighting, and an energy management system resulted in an estimated consumption of 87.3 kwh/m²—3% better than the U.K. Green Buildings Council net zero roadmap.

Once due diligence was complete to account for all possible avenues for reduction of embodied carbon, 3,100 tonnes of residual carbon emissions were offset with the purchase of the Fresh Breeze Project in Mexico. This REDD+ registered and VCS accredited sustainable timber project simultaneously provides high-value, long-lived timber products and carbon sequestration benefits.

The Gilbert is the first Brookfield Properties building to be third-party audited to the U.K. Green Building Council net zero carbon in construction standard. The renovation of the Gilbert retained 90% of the original structure, saving approximately 80% of the embodied carbon emissions compared with a new building.
Energy

We strive to reduce our energy footprint across all of our properties. Incorporating energy efficiency measures into our portfolio means long-term benefits—not only for our business, but for our tenants and communities as well.

We procure 100% renewable electricity for all our office and retail park portfolio.

We have also worked hard to improve data quality and analyse where energy efficiency measures can be implemented.

**Telford Forge and Ravenhead**

The carpark lighting at Telford Forge Shopping Park and Ravenhead Retail Park was upgraded to low-energy LED lighting. In just four years, the energy savings have covered the cost of the upgrade.

Energy reduction per property:

- **50%** Telford Forge
- **70%** Ravenhead

100% of our electricity is from renewable sources

**Aldgate Tower—Standby generator fuel replacement**

Initiated as a conceptual field research project to assess the differential performance characteristics of transferring to an alternative combustion fuel, synthetic Hydrogenated Vegetable Oil (HVO) fuel was selected as a replacement to the standard diesel fuel so consistently used across the real estate industry. A £60k research pilot replacing 7,500ltrs of existing diesel fuel with HVO fuel produced an 80% reduction in exhaust particulates, a 90% reduction in KgCO₂e, an 11% reduction in Nitrogen Dioxide (NO₂), and a 45% reduction in Carbon Monoxide (CO) emissions.

Reducing our operational emissions footprint, Brookfield Properties remains committed to improving the local air quality surrounding our buildings, this pilot field research reinforces the need to research and pilot sustainable solutions and to apply technology when proven.

**Travel**

Thousands of people travel to work in our properties every day, and we are striving to lessen the environmental impact of commuting by providing extensive green transport options for tenants and staff. We have partnered with ActiveScore to measure the extent and efficacy of our sustainable travel initiatives, and to ensure that we take the right steps moving forward.

ActiveScore certification indicates the highest-level implementation across three key aspects of a building’s active travel provision—infrastructure, occupier engagement and future readiness. Our efforts have earned us Platinum and Gold ActiveScore certifications across our London Office Portfolio.

We have also been enacting improvements in response to the feedback we received from ActiveScore, moving from Gold to Platinum rating at 100 Bishopsgate and raising our score at Aldgate Tower. We continue to certify newly acquired assets, and this year we were delighted to receive the 2022 “Commitment” award by ActiveScore for making significant active travel improvements across the portfolio.

**30 Fenchurch Street**

30 Fenchurch Street recently earned a Gold ActiveTravel certification, achieving a 9/10 score for the proportion of cycle parking to occupancy. We are proud of this achievement, and will use this assessment to further improve our active travel provisions on this site and increase our scores in other areas.

**Active Score**

We have 3,125 cycle space across our London Office Portfolio

9/10 cycle parking to occupancy score
Water

Climate change and pollution are impacting global water provision and consumption, threatening water access and quality across the globe. Water insecurity poses significant long-term human and economic threats.

We have a significant opportunity to design our properties to help safeguard water resources (improving water efficiency and management, harvesting water for reuse, and minimising water use in buildings), without increasing GHG emissions associated with water supply.

Existing properties benefit from upgrades to ensure they’re most efficient in their use (low-flow fixtures, etc.) In addition, our development schemes assess the impact of new properties and their surroundings on stormwater and drainage infrastructure, to support effective functioning.

Case study

30 Fenchurch Street — Borehole water extraction system

30 Fenchurch St is only one of a limited number of buildings across London to hold a U.K. Environment Agency licence for the extraction of ground water from within its own curtilage. Two 140m boreholes are licenced to extract an aggregated annual 71,074m³ of water from the underground chalk aquifer, providing 30 Fenchurch St with 100% of its non-potable water demand. The extracted water supports on-floor toilets, external irrigation, and the evaporative cooling towers serving the buildings primary cooling system. A sustainable application of technology and extraction techniques offers annual mains water savings of 56% and an estimated annual emissions avoidance of approximately 11,131 Kg/CO2e.

Further water savings initiatives are under review at 30 Fenchurch St for 2023/24, these initiatives will offer further systemic energy, water conservation and CO2e savings for the buildings next 10-year operational cycle.

100% of non-potable water demand provided

Waste

Waste of any kind negatively impacts our air, land, and waterways. Crucially, landfill waste generates methane, a greenhouse gas that contributes to climate change. Our properties can make a positive impact through waste reduction: including construction waste; reuse, recycling capabilities; compost; and zero waste.

Minimising construction waste

We are working to move beyond landfill diversion and deliver more comprehensive circular economy-based solutions. During construction we work closely with our supply chain to reuse materials and refurbish wherever possible. While renovating 30 Fenchurch street our team were able to refurbish the ceiling and floor tiles—saving 452 tonnes of carbon compared with installing new.

Pursuing a less wasteful lifecycle

While we cannot control how our tenants use their spaces, we can help them be less wasteful and increase the percentage of waste segregated within our buildings. At Aldgate Tower we are using the Weighton Waste Management system, whereby every bag of waste is scanned, itemised, weighed, and recorded on a cloud-based analytics dashboard. Personalised monthly reports are issued to tenants to raise awareness and share areas for improvements.

Waste by disposal route across Brookfield Properties portfolio

578t total non-hazardous waste (tonnes)

88.51% diverted from landfill

52.21% recycled waste, segregated within the building
Maintaining biodiversity is not only essential for our planet’s many ecosystems, it is also vital in our fight to combat climate change and a key part of maintaining good air quality. Biodiversity loss is accelerating due to human activity, and countries around the world have made firm commitments to restoring them.

As developers we have an opportunity to support biodiversity and healthy ecosystems. Responsible development protects plant and animal species diversity, indigenous species, and the pollinators who support our agricultural systems. This, in turn, supports human health and well-being, economic prosperity, food safety and security.

By 2050, more than two-thirds of the world will live in urban areas. There is an environmental imperative for us to help create urban environments which preserve nature, protect diverse wildlife and uphold land quality. We are committed to making a positive difference in the areas in which we operate.

**Retail portfolio**

Creating opportunities for ecosystems to thrive

- Replanting to promote native drought resistant species
- Managing invasive species
- Installation or refreshing of bird boxes, bird feeders, bug hotels and bee hives
- Creation of new living walls and planting space
- Creation of new “allotment” type spaces where volunteer groups and/or charities can grow vegetables and herbs
- Implement a lighting regime on site to improve habitats available for use by bats
- Development of plans to mitigate impact on biodiversity during construction (noise, dust etc)
- Implement policy of only using biodegradable/eco-friendly cleaning products on-site
- Ensuring biodiversity destruction is limited and monitored during design
- Promote inclusion of biodiversity and Biophilia as key parts of new design
- Converting grassland/brownland to wildflower meadow or community garden

We have enacted biodiversity action plans across retail sites: these plans detail the short, medium, and long-term actions we are taking at each property.

<table>
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<tr>
<th>Retail portfolio</th>
<th>Elliott’s Field Shopping Park, Rugby</th>
<th>Cyfarthfa Retail Park, Merthyr Tydfil</th>
<th>Ravenhead Retail Park, St Helens</th>
<th>Telford Forge Retail Park, Telford</th>
<th>The Orchard Centre, Didcot</th>
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We aim to make our urban areas more productive, bringing small natural oases into our cities through site-appropriate projects like urban bee hives and community vegetable gardens. A secondary positive outcome from nature-led projects is the added value to our communities and partners, creating more pleasant and desirable living and working environments.
We are committed to having a positive impact on the world around us. We collaborate with our employees, tenants, and communities to create vibrant places, improve quality of life, and deliver positive impact.
Accelerate ESG initiatives

Accelerate ESG is our holistic, circular approach to delivering on our ESG Priorities. We reimagine how our properties operate and perform throughout their lifecycles, transforming them into sustainable places and healthier spaces for our tenants, employees and the communities we’re close to.

We engage with tenants and/or employees through different Accelerate ESG initiatives to ensure that everyone who works and lives in our spaces has the opportunity to participate.

Some initiatives are geared toward tenants as primary partners, but they can also offer value for employees at a secondary level, whilst others are more specific to employee groups, and tenants benefit at a secondary level.

The Neighbourhood
We bring our tenants together to share with, and learn from one another, ensuring that their collective know-how and best practices enable all of us to build a brighter, more sustainable future.

Sustainability in Motion
Our Sustainability In Motion programme provides transparency about the strategy and performance of both the whole portfolio and each building, today and for the future. It helps us to build trust with tenants, prospects and the public. This links with our pathway to net zero and stretches across all ESG priorities.

ESG Exchange
Our key interaction with each tenant. From an initial visioning conversation when they join our family to review any Green Lease terms and understand their ESG strategy, roadmap and needs, to quarterly check-ins where we report on the latest data and share two-way updates on mutual goals.

ESG Heroes
Employees are empowered to have a positive, impact-focused relationship with our tenants, growing trusted partnerships and inspiring positive change both 1-2-1 and collectively.

Activated Academy
Engaging and educating all audiences on ESG and beyond, we seek to close the ESG “knowledge gap” by providing an educational platform for tenants, employees, and our partners through our Activated Academy.

ESG Forum
Our people come together here to develop and engage with our sustainability strategy. Operating at two levels within Brookfield Properties; “Executive” and “Operational”, each forum is where our passionate ESG teams share and listen to cultivate a closer internal community and amplify our impact.

Live Buildings
A “Live Building” is one where the data is available in real-time to both tenants and Brookfield Properties. This is being piloted now at Aldgate Tower. We are exploring opportunities to expand across our portfolio.
Helping tenants get active with Activated

Activated is a part of Brookfield Properties’ dynamic tenant engagement platform, built on our belief that an active workplace improves employees’ well-being and helps build a sense of community. We launched Activated across our London portfolio in 2022, offering a diverse programme of arts, events, fitness and well-being activities designed to bring people together and enhance their work/life balance. Offerings range from yoga classes and silent discos to art installations and walking tours, reflecting the breadth and depth of London’s vibrant culture.

25% of 30,000+ tenants engaged across the region

Over 50 “Activated” tenant and community events and launches

10+ exhibitions and installations presented for free and open to both tenants and the public

Craft Council
Our Craft Award and exhibition annually recognises an artist who significantly contributes to the story of contemporary craft making in the U.K.

Fitness & Wellness
We partnered with Fitness & Well-being industry leaders to deliver an extensive programme of classes and activities suited to a range of fitness levels.

Anna Lomax
Over 300 people attended the launch event at Principal Place for Parade!, an installation by South London-born artist and designer Anna Lomax.

Across Generations
Brookfield Properties and the Black Lawyers Group of Latham & Watkins organised this showcase of four Black photographers in celebration of Black History Month.

Illuminocity
An annual light installation at two properties in the heart of London, presented in partnership with Amsterdam’s pioneering Light Art Collection.

Pride
We presented a multi-site exhibition of the works of artist Ashton Attzs. The artworks celebrate the LGBTQ+ Community and were exhibited for Pride month and London Pride 2022.
**App-enhanced tenant experience**

Engaging and accessible experiences have the power to transform built environments into vibrant spaces that bring people together.

In order to boost the tenant experience across our properties, we launched Axiis, an app designed exclusively for tenants that provides a singular access point for events, thought leadership workshops, community projects and charitable initiatives, in addition to serving as a building-wide news and updates portal.

We launched the app across our London portfolio in 2022, creating opportunities to enhance or augment our physical offerings and activations, engaging with our tenants via video, written content, audio and notifications on digital devices. Axiis also offers tenants accessibility information and sustainability guidance, as well as opportunities to participate in our Activated programme of wellness activities, community experiences, and tenant forums. Discounts with our corporate partners, perks, and local area information are also available.

**U.K. launch:**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total users</td>
<td>1,386</td>
</tr>
<tr>
<td>Unique member impressions</td>
<td>18,946</td>
</tr>
<tr>
<td>Unique member interactions</td>
<td>596</td>
</tr>
<tr>
<td>Monthly active users</td>
<td>296</td>
</tr>
<tr>
<td>Adoption rate over first six months</td>
<td>5.2%</td>
</tr>
</tbody>
</table>
Our people

Our success starts with our people. We foster a collaborative, results-oriented, “grow from within” approach.

Learning, leadership and development opportunities are an important part of our culture. We aim to deliver sustainability education to all staff, because we believe in giving our people the tools and knowledge they need to build their capabilities and careers.

We support our employees to learn by engaging with local and national committees, roundtables, workshops and mentoring programmes from sustainability-focused industry groups like the City Property Association, Urban Land Institute, Green Building Council, and Better Buildings Partnership.

All employees are encouraged to take external training courses and are allotted time to do so as part of their employee contract. Internal development opportunities help our people better understand the scale of what we do and how we do it. For example, we began hosting monthly sessions in which subject matter experts talk about their roles and impact on the business. We have covered a variety of topics so far, including:

- Sustainability
- Marketing
- Construction
- Design
- Finance
- Leasing
Although the real estate and construction industry tends to be male dominated, our Real Estate and Property Management teams are close to gender-balanced. We have seen a 30% increase in female leadership representation at Vice President or higher in the last two years.

To continue our progress, Brookfield Properties has partnered with Real Estate Balance to better understand where we can improve our HR and recruitment processes.

We support diversity and inclusion through employee engagement groups. A core aspect of our Company culture, Brookfield’s employee engagement groups are voluntary, employee-led groups that foster an inclusive workplace, provide volunteer opportunities and help develop future leaders.

**Brookfield Women’s Network** is dedicated to attracting, developing and motivating a community of women across Brookfield’s various business groups. We engage and inspire our female employees with various initiatives intended to support career growth and promote leadership development.

**Brookfield Diversity** supports our global goal of ensuring we have a diverse workforce, which reflects our regional demographics. The Diversity Group is focused on fostering a culture of inclusion for all, raising awareness and celebrating LGBTQ+, ethnic, cultural and religious diversity and ensuring that all employees feel included, valued and supported in their careers.

**Brookfield Cares** is Brookfield’s corporate philanthropy initiative programme that aims to make a positive contribution to the communities in which we operate. The goal of our programme is to use our financial and human resources to help enrich the lives of those in need within our community. Brookfield Cares organises regular volunteering and fundraising events in support of our charitable partners which are selected annually.

**U.K. Team**

- **133 employees**
- **22%** 0–1 years
- **20%** 1–5 years
- **52%** 5–10+ years
- **13%** turnover
- **3%** lower than UK national average

**Gender diversity**

- **70%** Male
- **30%** Female

- **60%** Male
- **40%** Female

**Data and Insights**

Using Power BI, we have developed a dashboard leveraging real time data to provide the insight necessary to ensure future DEI initiatives are data backed and targeted.
Brookfield Women’s Network

Launched in 2018, Brookfield Women’s Network (BWN) is both a supportive community of over 150 members and a valuable knowledge-sharing resource within Brookfield Properties.

In 2022, activities included monthly BWN Voices, an informal Friday lunch forum for participants to discuss articles, podcasts, films, books, TED talks and other interesting materials as well as talks by senior leaders. Leila Araiche, Managing Partner in Brookfield’s Property Group and Head of HR for BAM met network members and shared career insights in her “If I could tell you one thing…” talk.

BWN also launched a reverse mentoring programme, where junior employees mentor one of our leaders to outline fresh perspectives and ways of working. Reverse mentoring creates opportunities for more junior employees to diversify their skillset, showcase knowledge and build relationships across the organisation.

Our vision is to increase confidence, engagement, retention and progression of women at Brookfield.

Mentoring is a great strategy to close the gender gap and support women in the workforce. My experience of mentoring helped to build my confidence and guide me through different challenges. I hope to be able to offer that same experience to a mentee in the future.”

Saff Williams, Curatorial Director for Europe, on her experience being mentored by Rosamond Price, Senior Vice President EMEA Region Head, Client Relationship Management.

Brookfield Connect

Our mentorship programme, currently in its third series, is designed to support the development of future leaders through one-to-one learning with senior Brookfield professionals. This programme has been successful globally in promoting collaboration across business groups and helping participants learn about the wider Brookfield business.
Brookfield Diversity Network

**Brookfield Diversity**

Diversity isn’t just important for our people—it’s also important for our tenants and communities, bringing a richness of experience to all. We use our spaces to support diversity messaging so that they reach a broader audience than would be possible without our support.

**REAL ESTATE BALANCE**

Brookfield Properties became a member of Real Estate Balance (REB), a campaigning organisation working to improve diversity and inclusion in the real estate industry. Our membership allows us to work collaboratively with other members on tackling DEI-related challenges and to share possible solutions. It also allows us access to REB’s toolkits designed to support organisations in the UK real estate sector through the different stages in their journeys towards better diversity and inclusion, with a particular focus on gender, ethnicity and social mobility. A member of our senior management team sits on the REB Next Gen Committee and is our conduit for REB-related opportunities that support Brookfield Properties’ vision for better diversity and inclusion in the real estate industry.

**Case study**

**Every Hour is Ours: Supporting Queer Spaces**

Ashton Attz is a 24 year old queer, black, London-based artist. Their paintings and illustrations are a vehicle to empower the everyday person.

To celebrate pride, we worked with AKT to commission “Every Hour is Ours”. In this powerful illustration, Attz reminds us that pride cannot be confined to a month or season, it is always and irrepressibly present.

We hosted a panel talk at 100 Bishopsgate called “Creating Queer Spaces” with Ashton Attz, Caitlin Warfield (Vice President of Marketing in Brookfield Properties), and Patrick McCrae (Co-Founder and CEO of ARTIQ), with 70 attendees.

Brookfield Cares has been supporting AKT through our Pride 2022 charitable donation in its third year. Visit akt.org.uk to learn more about their national and regional activities.

**Case study**

**Across Generations: Celebrating Black History**

Across Generations was an exhibition hosted in partnership by Latham & Watkins Black Lawyers Group & Brookfield Properties for Black History Month 2022.

The exhibition featured Dada Gallery artists Djibril Drame and Nuits Balneaires alongside Vanley Burke, a British Jamaican photographer and artist whose photographs capture experiences of his community’s arrival in Britain and contemporary photographer Denise Maxwell.

Running for one month in the main reception of 99 Bishopsgate and Latham & Watkins’ own reception, the exhibition received very popular feedback and press coverage.

Feedback from tenants and visitors was positive and we are currently in talks with Latham & Watkins for a 2023 edition.

70 attendees to the panel talk called “Creating Queer Spaces” hosted at 100 Bishopsgate
Brookfield Cares

Brookfield Cares is our philanthropy arm. In 2019 our London office formalised the way in which we donate by selecting two charity partners who would become our main beneficiaries for any fundraising efforts. Fat Macy’s and ELHAP were brought forward by our employees and selected by members of our charity committee for the incredible work which they do.

Using ingenuity we have been able to offer support to these institutions, beyond the traditional financial donations, including legal, marketing and financial support for which they were in desperate need.

We have also leveraged our portfolio and existing relationships with partners to donate furniture, support maintenance requirements and build projects for the charities.

110 volunteer hours
ELHAP

For 47 years, ELHAP (Every Life Has a Purpose) has provided specialist adventure playground services to many thousands of disabled children, young people, and adults from across North East London and Essex. Their objective is simple. They believe it is every child’s birth right to play adventurously.

Each year they receive over 5,000 visits from disabled children, young people and adults from six London boroughs and the Essex area. Covid-19 was financially challenging for ELHAP, and the impact of lockdowns and restrictions on disabled children was tremendous.

Brookfield Properties donated funds to support increased running costs, capital projects, and Covid-19 precautions like additional cleaning and staffing costs. Our funds also supported the creation of Play Boxes, designed as a way to support ELHAP’s families and ensure they stayed connected to ELHAP through this most difficult period.

Our charity partners

Fat Macy’s

Fat Macy’s is a social enterprise that uses its restaurants and events catering business to train and support Londoners living in temporary accommodation and help them move into their own homes.

Trainees work alongside professional chefs and front-of-house teams. Trainees who complete the 200-hour programme can access a deposit to move into their own home and the organisation continues to provide support for up to two years.

Brookfield Properties granted Fat Macy’s a rent-free licence to occupy one of our buildings, 232 Shoreditch High Street. They created a Lebanese restaurant and wine bar on the lower two floors which received a positive review by famed restaurant critic Jay Rayner of the Guardian. The upper two floors of the building are used for training volunteers and as office space for the charity.

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Health and safety

Brookfield Properties UK is committed to the safety and well-being of our employees, and anyone affected by our business activities. We believe everyone should expect to be safe and healthy whilst at work. We strive to achieve zero serious safety incidents within our organisation by having consistent and attainable safety and health principles.

Our health and safety framework is based on nine life saving principles, which cover management commitment, provision of resources, policies, and training. Our health and safety standards apply not only to our employees, but also to our contractors and subcontractors.

Our Executive Vice President provides executive sponsorship of the Safety Leadership Team. This group sets the safety strategy across our portfolio and reviews, improves and maintains safety performance.

By adopting a strong health and safety culture, sharing of best practices, and drive to continuously improve on safety, we are confident we will continue to eliminate serious safety incidents throughout our portfolio. If a potential or actual serious safety incident were to occur, senior leadership will conduct an in-depth investigation to determine root causes and formulate remedial actions.

Having joined Brookfield Properties in June 2022 from a different industry, it was so refreshing to see how seriously safety was taken throughout the organisation.

With Executive-level sponsorship and a senior management commitment, there is a clear drive not only to comply with UK law and Global Safety Standards but to continuously seek to improve safety for all those affected by our activities.

I’m enjoying the challenge in making a difference to improving the lives of others, to ensure we all get home to our loved ones every day.”

Hittess Vaghela
Director, Health and Safety

Zero serious safety incidents across our London properties in 10 years
Building and maintaining trust in businesses is fundamental to creating a sustainable global economy and a thriving world. At Brookfield Properties, we understand that strong governance is essential to building trust and we aim to conduct our business according to the highest ethical and legal standards.
Our GRESB performance

GRESB is an industry-driven organisation that independently assesses the sustainability performance of real estate portfolios. The dynamic benchmark is used by institutional investors to elevate the sustainability performance of property companies.

Now in our second year of submission, the GRESB framework is proving a useful tool to help shape our strategy for improvements. Although our scores are not where we want them to be, we now have a roadmap and plan to increase our scores by 20%, to GRESB 4 star, by our next report.

Our score (Reporting year: 2021)
Brookfield Office Properties UK

72/100 GRESB score
23/30 Management score
50/70 Performance score

ESG breakdown

42/62 Environmental
14/18 Social
16/20 Governance

Scoring model
GRESB scoring is based on two dimensions: Management & Policy (MP) and Implementation & Measurement (IM) with each comprising numerous indicators.

The scores for each indicator are added to calculate the final GRESB score; expressed as a percentage—from 0 to 100. Scoring against the two dimensions allows performance to be visualised using the GRESB Quadrant Model.

Our GRESB score reflects calendar year 2021. Data for 2021 is submitted to GRESB in June of 2022, scores are received in autumn of 2022.

We will be submitting our 2022 data for assessment in June 2023.

GRESB results highlights

100% for reporting
90% for waste
87% for GHG emissions
86% for water
84% for building certifications

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90% for waste
87% for GHG emissions
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GRESB results highlights

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90% for waste
87% for GHG emissions
86% for water
84% for building certifications
Governance

Transparency and compliance
Delivering on ESG responsibilities means understanding and complying with all necessary regulatory standards and ensuring that a business’s environmental risks are managed appropriately, while driving improvements in environmental performance and saving costs.

Through our robust, transparent governance processes and procedures, Brookfield Properties ensures that we always act in the best interests of all our stakeholders. We embrace open communications built on information disclosure, clarity, and accuracy—as well as an openness to recognising faults and improving practices.

We continue to adapt and enhance our policies to meet evolving standards and regulations in our industry.

Ethics and integrity
We are committed to conducting our business activities with honesty and integrity, upholding the highest ethical standards, and balancing economic goals with responsible citizenship. All business activities are delivered in compliance with applicable legal and regulatory requirements, and in accordance with our Code of Business Conduct and Ethics.

We have a zero-tolerance approach to bribery, including facilitation payments. We mandate that all Brookfield Properties employees complete annual anti-bribery and corruption (ABC) training and annually certify their compliance with our ABC Programme. In addition, ABC is integrated into our investment underwriting, decision making, investment due diligence and execution processes in accordance with our ABC Policy.

We continuously review our corporate governance practices and existing policies in line with market expectations, and we maintain an ethics hotline to report suspected unethical, illegal, or unsafe behaviour. Our hotline is managed by an independent third party and is available 24/7. The hotline ensures anonymity of the reporter so that reporting to the hotline is not discouraged.

Modern slavery
We have a zero tolerance approach to all manifestations of modern slavery.

Our Anti-Slavery and Human Trafficking Policy provides primary guidance on measures to prevent and detect modern slavery. We have several policies and tools that address our approach to the identification of modern slavery risks and the steps taken to prevent modern slavery and human trafficking in our operations’ supply chains. These include mandating compliance by our supply chain with:

- Our Code of Business Conduct & Ethics
- Vendor management procedures
- Legal provisions in contractual agreements
- Our Anti-Money Laundering Policy
- Our Whistleblowing Policy
- Our Positive Work Environment Policy

We also added a separate modern slavery risk assessment to our ESG investment due diligence process, with the objective of mitigating the risks of modern slavery related violations for potential investments. Where required, we perform deeper due diligence, working with internal experts and third-party consultants as needed.

Our Code of Conduct principles include:

- Acting responsibly in our dealings with stakeholders
- Protecting the Firm’s assets, resources, and data
- Managing conflicts of interest
- Providing a positive work environment for our employees
- Ensuring accuracy of books and records and public disclosures
- Complying with laws, rules, regulations, and internal policies.

Our Code of Conduct is annually reviewed and updated by senior management to consider any necessary changes in our standards and practices. The Risk Management Committee of the Board monitors compliance with the Code of Conduct and receives regular reports on any compliance issues from our internal auditors.

Our Whistleblowing Policy encourages employees, suppliers, and business partners to report concerns and potential violations.

As a matter of standard practice, we contractually require our supply chain to comply with applicable anti modern slavery legislation and, where relevant, with our anti-modern slavery policy.

We understand that the risks of modern slavery and human trafficking are complex and evolving, and we continue to work on addressing these risks in our business.

100% of our staff have completed data privacy and cybersecurity training

Brookfield Properties 2022 ESG Report – United Kingdom
At Brookfield Properties, sustainability isn’t a box we check, it’s how we do business. Every employee has a responsibility and opportunity to uphold strong ESG practices, whatever region, function, or team. We provide regular updates to the Risk Management Committee on our risk profile and emerging risks, including those related to health and safety, anti-bribery and corruption, disruption and reputation, and periodic in-depth reports on specific risk areas.

This year, we plan to continue integrating ESG into our Risk Management process. Our leadership will collaborate with risk management on climate-related risks and opportunities and follow up on results of Phase One Climate Change Risk Analysis. We will also conduct climate scenario analysis and produce a report in line with TCFD recommendations.

**Data protection**

Brookfield Properties considers threats to data privacy a key business risk, at the same level as compliance, operational, financial and reputational risks. We are committed to best practice data privacy governance and risk management programmes with effective measurement criteria and monitoring.

Our data security programme, overseen by our Chief Information Security Officer, ensures that high standards of data security are applied to the collection and processing of personal data in the day to day operations of our business.

Our policies and procedures aim to equip all our personnel with data security awareness, the risks associated with data protection failures and incident response. All personnel are required to undergo annual mandatory training on data privacy and cybersecurity, that is responsive to existing and emerging risks. The IT Advisory Board oversees our cybersecurity functions and ensures that our programme aligns with industry best practices and meets a high standard across all our businesses. We use automated technologies to optimise our security risk detection and response capabilities, in addition to access controls and anti-malware protections.

**Vendor conduct and due diligence**

All our vendors and supply chain are contractually required to comply with applicable anti bribery and corruption legislation. We expect our suppliers to conduct their services with the high ESG-related standards that we hold ourselves to. We subject all new vendors to internal due diligence procedures before they are set up as suppliers on our payment systems.

**Cybersecurity**

Cybersecurity and its role in maintaining data protection, mitigating financial loss and ensuring safe asset operations is a core governance responsibility. We consider cybersecurity a significant business risk, at the same level as compliance, operational, financial, and reputational risks.

We are committed to best practice cybersecurity governance and risk management programme with effective measurement criteria and monitoring, including comprehensive oversight and training programmes that are updated to keep up with evolving security challenges.

**Vendor selection**

There is an opportunity to seek out and utilise vendors that fuel local economies and support civic goals to enhance the quality of local life for all. Vendors should reflect the wider community and offer employment to local residents (in line with diversity, equity, and inclusion goals).

Part of how we collaborate with our communities is by making positive choices in vendor selection. By employing a fair bid process and partnering with vendors whose ESG values and practices align with ours, we amplify our social, economic, and environmental benefits for the local community.
Baseline emission data

We selected the operational control approach for defining our GHG reporting boundary. We used 2019 as our baseline year due to the impact COVID had on 2020 and 2021 data, this is in line with the updated SBTi guidance.

### 2019 baseline emissions

**Energy consumption within the organisation**
- Total energy consumption from fuel: 25,221,058 kWh
- Total electricity consumption: 47,128,174 kWh
- District heating and cooling consumption: 16,860,574 kWh

**Direct (Scope 1) GHG emissions**
- Scope 1 GHG emissions: 6,167 tCO₂e

**Indirect (Scope 2) GHG emissions**
- Scope 2 GHG emissions:
  - Market-based: 12,437 tCO₂e
  - Location-based: 15,065 tCO₂e

The gases included in the calculation are CO₂, CH₄, and N₂O. The source of the emissions factors and global warming potential rates used are AR5, Market—RE-DISS Residual European Mix 2020 v 1.0, Location—IEA CO₂ Emissions from Fuel Combustion 2021—Year 2019, Heating—DEFRA 2021, Cooling—US EIA Emission Factors for Steam and Chilled Water.

**Other indirect (Scope 3) GHG emissions**
- Scope 3 GHG emissions: 67,814 tCO₂e

The GHG emissions categories and activities included in the calculation are:

- Purchased Goods and Services: 8.40%
- Fuel-and-energy related activity: 8.47%
- Downstream Leased Assets: 2.12%
- Capital Goods: 80.38%
- Waste generated in operations: 0.38%
- Business travel: 0.17%
- Upstream transportation and distribution: 0.06%
- Employee commuting: 0.02%

The source of the emission factors and the global warming potential (GWP) rates used is Quantis.

### Annual 2019 GHG emissions

| Scope 1,2 and 3 GHG emissions | 86,418 tCO₂e |

### Assets within the 2019 baseline

The assets that were included or excluded within our baseline study are:

<table>
<thead>
<tr>
<th>Type</th>
<th>Asset</th>
<th>Asset Type</th>
<th>Exclusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standing</td>
<td>99 Bishopsgate</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Standing</td>
<td>Aldgate Tower</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Standing</td>
<td>2 London Wall Place</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Standing</td>
<td>100 Bishopsgate</td>
<td>Office</td>
<td>Yes – not under operational control</td>
</tr>
<tr>
<td>Standing</td>
<td>Principal Place Commercial</td>
<td>Office</td>
<td>Yes – not under operational control</td>
</tr>
<tr>
<td>Standing</td>
<td>Principal Place Residential</td>
<td>Residential</td>
<td>Yes – not under operational control</td>
</tr>
<tr>
<td>Standing</td>
<td>Citypoint</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Standing</td>
<td>Nexus</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Standing</td>
<td>30 Fenchurch Street</td>
<td>Office</td>
<td>Yes – purchased 2021</td>
</tr>
<tr>
<td>Development</td>
<td>One Leadenhall</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Development</td>
<td>The Gilbert</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Development</td>
<td>Shoreditch High Street</td>
<td>Mixed-Use</td>
<td></td>
</tr>
<tr>
<td>Occupied</td>
<td>Lease L15 at Citypoint Tower</td>
<td>Office</td>
<td></td>
</tr>
<tr>
<td>Occupied</td>
<td>Lease basement at Citypoint Tower</td>
<td>Storage</td>
<td></td>
</tr>
</tbody>
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ESG 2022 data

We are currently reporting energy, emissions, water, waste, health & safety, and diversity & inclusion data for this reporting period. We are on our journey towards more data collection and further ESG indicators.

2022 energy and emissions

<table>
<thead>
<tr>
<th>Energy consumption within the organisation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total energy consumption from fuel</td>
<td>16,767,253 kWh</td>
</tr>
<tr>
<td>Total electricity consumption (whole building)</td>
<td>77,285,567 kWh</td>
</tr>
<tr>
<td>Percentage of renewable electricity</td>
<td>100%</td>
</tr>
<tr>
<td>District heating and cooling consumption</td>
<td>12,834,160 kWh</td>
</tr>
</tbody>
</table>

2022 energy and emissions

<table>
<thead>
<tr>
<th>Direct (Scope 1) GHG emissions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Scope 1 GHG emissions</td>
<td>3,033 tCO2e</td>
</tr>
</tbody>
</table>

2022 energy and emissions

<table>
<thead>
<tr>
<th>Indirect (Scope 2) GHG emissions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Scope 2 GHG emissions</td>
<td>2,322 tCO2e (market-based)</td>
</tr>
<tr>
<td></td>
<td>8,555 tCO2e (location based)</td>
</tr>
</tbody>
</table>

The gases included in the calculation are CO₂, CH₄, and N₂O. The source of the emissions factors and global warming potential rates used are AR5, Market—RE-DISS Residual European Mix 2020 v 1.0, Location—IEA CO₂ Emissions from Fuel Combustion 2021—Year 2019, Heating—DEFRA 2021, Cooling—US EIA Emission Factors for Steam and Chilled Water.

2022 Scope 3 emissions are in the process of being calculated. All emission data is undergoing a 3rd party verification process, a verification statement will be published later in 2023.

<table>
<thead>
<tr>
<th>Water consumption</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total water</td>
<td>248,776 m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste disposal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total non-hazardous waste generated</td>
<td>1,696 tonnes</td>
</tr>
<tr>
<td>Waste recycled</td>
<td>1,028 tonnes</td>
</tr>
<tr>
<td>Waste to energy</td>
<td>543 tonnes</td>
</tr>
<tr>
<td>Diverted from landfill</td>
<td>93%</td>
</tr>
</tbody>
</table>

The activities that lead to waste generation and if they relate to Brookfield Properties UK’s value chain is the waste impacts from developing buildings relates to waste generated in the organisation’s own activities and in its value chain. To prevent waste generation, circular economy principles and sustainable procurement methods are used. Third party waste contractors follow the U.K. legislation and duty of care. Resource Advisor is used to record the waste data.