COMMITTED TO CARBON NEUTRAL OPERATIONS by Year-End 2020

ENERGY STAR
Partner of the Year 2014 - 2020
Sustained Excellence 2016 - 2020

GRESB
Green Star 2013 - 2019
#1 in North America Sector Leader,
Listed Office 2014 - 2019

NAREIT
Leader in the Light Award,
Office Sector 2014 - 2019

DOW JONES SUSTAINABILITY WORLD INDEX
Member 2017 - 2019

BLOOMBERG GENDER EQUALITY INDEX
Member 2020

GREEN LEASE LEADER
Leader 2014 - 2019
Gold level 2018 - 2019

CLIMATE REGISTRY
Climate Leadership Award 2020

BEST IN BUILDING HEALTH
2019 - 2020

At Kilroy Realty, we believe in aggressively pursuing high-performance environmental building initiatives that create economic value for our tenants, shareholders and employees. To that end, we are committed to establishing carbon neutral operations by year-end of 2020.
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2019 Sustainability by the Numbers

**EMISSIONS**

6.5% ↓ LIKE FOR LIKE EMISSIONS REDUCTION* FROM 2018

**SCOPE 1**

3,082 TONNES

**SCOPE 2 LOCATION-BASED**

25,438 TONNES

**SCOPE 2 MARKET-BASED**

24,718 TONNES

NORMALIZED EMISSIONS FROM 2011 BASELINE**

*Reduction for scope 1 + scope 2 market based combined.

**Emissions are calculated on a like-for-like basis each year. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.

**ENERGY**

1.8% ↓ LIKE FOR LIKE ENERGY REDUCTION FROM 2018

**ABSOLUTE CONSUMPTION**

277,177 MWH

**WATER**

5.6% ↓ LIKE FOR LIKE WATER REDUCTION FROM 2018

**ABSOLUTE CONSUMPTION**

212,262 KGALS

NORMALIZED ENERGY CONSUMPTION FROM 2011 BASELINE*

NORMALIZED WATER CONSUMPTION FROM 2011 BASELINE*

*Energy usage is calculated on a like-for-like basis each year. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.

*Water usage is calculated on a like-for-like basis each year. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.
2019 Sustainability by the Numbers

**WASTE**

- **1.1% DIVERSION RATE INCREASE**
- **41.5% 2019 DIVERSION RATE**

- 24% RECYCLING (1842 TONS)
- 58% LANDFILL (4451 TONS)
- 18% COMPOST (1581 TONS)

- **WASTE DIVERSION RATE OVER TIME**
  - 2011: 38%
  - 2017: 40%
  - 2018: 40.8%
  - 2019: 41.5%

**LEED CERTIFICATIONS**

- **64% CERTIFIED PORTFOLIO**

- **LEED CERTIFICATION COVERAGE IN THE KRC PORTFOLIO OVER TIME**
  - 2011: 25%
  - 2017: 68%
  - 2018: 65%
  - 2019: 64%

**ENERGY STAR CERTIFICATIONS**

- **70% CERTIFIED PORTFOLIO**

- **ENERGY STAR CERTIFICATION COVERAGE IN THE KRC PORTFOLIO OVER TIME**
  - 2011: 25%
  - 2017: 72%
  - 2018: 74%
  - 2019: 72%
First and foremost, our thoughts go out to those impacted by COVID-19 (coronavirus disease), both globally and in the communities in which we live, work and operate. The recent virus outbreak represents an unprecedented period of uncertainty. While it is not clear what the ultimate impact will be on our economy and society, we believe that we are well-positioned to weather this challenging moment in time. We have a strong balance sheet, ended the year with our stabilized portfolio 97% leased and have prefunded the majority of our well-leased, under-construction development program.

During times like these, our values as a company matter more than ever and we maintain our focus on ensuring that we are a leader in environmental, social and governance issues.

In 2019, we dramatically expanded our corporate social responsibility initiatives while continuing to raise the bar on our environmental programs, building on our momentum of becoming the first North American REIT to commit to carbon neutral operations by year-end 2020. We also became the first U.S. REIT to complete a comprehensive analysis of the environmental and social impacts on the most critical components of our supply chain. We shared the results and recommendations for improvement both publicly and with our suppliers. Additionally, as a result of our efforts to enhance the diversity and inclusiveness of our corporate culture, we were listed on the Bloomberg Gender Equality Index (GEI) for the first time. Other achievements this year included signing another megawatt of solar transactions and incorporating ESG factors in named executive officer compensation decisions.

This work has earned us worldwide recognition. The Global Real Estate Sustainability Benchmark (GRESB), the global real estate industry’s most rigorous standard for sustainability performance, ranked us first in the Americas on sustainability across all asset classes, public and private, out of 250 respondents. This was our sixth time achieving Sector Leader recognition from GRESB. In addition, the National Association of Real Estate Investment Trusts (NAREIT) awarded us its Leader in the Light award for the sixth year in a row for superior, comprehensive and continuous sustainability practices in the office sector. We also won our fifth ENERGY STAR Partner of the Year Sustained Excellence award. Finally, we maintained our position on the Dow Jones Sustainability World Index, making us one of only six North American real estate companies on the Index. This Index includes 245 top ranked companies on sustainability across 24 industries and 18 countries.

These accomplishments are the result of our deep commitment to reduce the environmental and social impacts of our portfolio. Let’s look at the numbers for 2019:

- We reduced energy consumption in our office portfolio by 1.8%.
- We reduced water consumption by a very strong 5.6%.
- We piloted cutting-edge technology through the Kilroy Innovation Lab.
- 70% of our portfolio is ENERGY STAR certified under the new, more rigorous ENERGY STAR scoring system.
- We ended the year with more Fitwel certifications than any non-government landlord, with 19 certifications across 43% of our portfolio.
- Our recycling diversion rate increased from 40.4% to 41.5%.
We are the premier developer and operator of LEED properties on the West Coast. All of our development projects are built to LEED Platinum and Gold standards and our stabilized portfolio is 64% LEED certified. LEED certification demonstrates to prospective tenants that our assets reduce operating expenses and thoughtfully minimize their environmental impact. Within our development program, we completed the LEED Platinum certification of 100 Hooper, a 394,000 square foot project, and continued to pursue LEED certifications on an additional 2.3 million square feet of space within our under-construction development pipeline.

Over the next five years, our focus will be on expanding our climate change resilience programs as well as our workforce development programs. We have significantly expanded our understanding of our climate change risk, both physical and transitional, but must further refine our analysis. Also, while we are proud to be listed on the Bloomberg Gender Equality Index, we know we can make our corporate culture even more diverse and inclusive through training, mentoring, providing additional resources to employees and more. Finally, we will continue to lead in policy advocacy, both regionally on the West Coast and nationwide.

Our main sustainability challenge is managing our Scope 3 carbon emissions, which are created by our operations outside of our electricity and gas consumption. Scope 3 emissions are our largest source of emissions and are also the most difficult to calculate and manage. However, we are committed to improving our Scope 3 emissions via targeting significant reductions in the embodied carbon of our construction materials and procuring additional renewables for our portfolio. We will also reduce Scope 3 emissions through expanding our electric vehicle charging station infrastructure and working with our government officials and utilities to make the grid greener. In addition, we must also further expand our newer programs, such as supply chain excellence and resilience, while still delivering the highest levels of sustainability in performance across our core programs.

We believe that a company cannot be sustainable if it focuses on environmental concerns without looking at its impact on its employees, tenants, and communities. This is why we continue to build on our award-winning building health and diversity programs while working to reach our environmental goals. We look forward to reporting on additional industry-leading achievements in 2020.

Cordially,

John Kilroy
Chairman of the Board,
President and Chief Executive Officer
Corporate Overview

Kilroy Realty Corporation (KRC), a publicly traded real estate investment trust and member of the S&P MidCap 400 Index, is one of the West Coast’s premier landlords. Headquartered in Los Angeles, we have over 70 years of experience developing, acquiring, and managing office and mixed-use real estate assets. We provide physical work environments that foster creativity and productivity and serve a broad roster of dynamic, innovation-driven tenants, including technology, entertainment, digital media, and health care companies.

At December 31, 2019, the company’s stabilized portfolio totaled approximately 13.5 million square feet of office space located in the coastal regions of Los Angeles, San Diego, the San Francisco Bay Area and Greater Seattle and 200 residential units located in the Hollywood submarket of Los Angeles. The stabilized portfolio was 94.6% occupied and 97.0% leased. In addition, KRC had under construction six projects totaling approximately 2.3 million square feet of office and life science space that were 89% leased and 564 residential units. KRC also had 237 residential units in lease-up, which was 50% leased, and two projects in the tenant improvement phase, The Exchange on 16th, totaling 750,000 square feet, and One Paseo retail, totaling 96,000 square feet, that were both 100% leased.
Vision, Strategy, Program

Our vision is a resilient portfolio that minimizes the environmental impact of the development and operation of our buildings while maximizing the health and productivity of our tenants, employees and communities as well as our financial returns.
Learn about Environmental Social Governance (ESG) best practices and new opportunities
- Attend Educational Events
- Review Trade Publications
- Participate in Sustainability Committees
- Benchmark Portfolio and Development Operations

Determine which projects to pursue and gather resources for implementation
- Set Objectives
- Write Policies
- Create Budget
- Build Consensus

Implement projects
- Efficiency Investments
- High Environmental Performance Development
- Implement Diversity and Inclusion Training

Analyze quantitative results to inform future project phases and directions
- Annual Asset Management Sustainability Kickoff Meetings
- Measurement and Verification for Efficiency Projects
- Reporting, Disclosure and Communications
SUSTAINABILITY PROGRAMS

SOCIAL
Vision: Promote the wellness of our employees, tenants, partners and communities
Programs:

- Supply Chain Auditing
- Diversity & Inclusion Training
- Building Health Certifications

ENVIRONMENTAL
Vision: Aggressively minimizing our environmental footprint
Programs:

- Efficiency Projects
- Renewable Energy Generation
- Environmental Building Certifications

GOVERNANCE
Vision: Maintain best-in-class ESG leadership and transparency
Programs:

- Board of Directors Governance of ESG Issues
- Excellence in ESG Reporting
- Third Party Auditing of ESG Disclosures
Climate Change

We identify climate change as a risk to our business and an opportunity for long-term value creation and a key driver in long-term strategic business decisions. These risks may span transitional and physical risks, as detailed below. We became a supporter of the Task Force for Climate Related Financial Disclosures (TCFD) in 2018, and our discussion of our climate change risks and opportunities follows that framework. We have chosen the TCFD framework because we believe it is the most robust climate change disclosure framework available and will help us define the climate change impacts that will be material to our business. We are proud that our resilience programs ranked us first in North American Office in 2019, which indicates that we have a strong foundation to further grow our climate change resilience programs. Our TCFD index can be found on page 24.

GOVERNANCE

Climate-related risks and opportunities are governed by the Board through its Corporate Social Responsibility and Sustainability Committee. More information can be found on page 114. In 2018, the Committee endorsed the TCFD recommendations and tasked management with assessing and reporting against climate related risk. The management team that will be executing those tasks includes representatives from sustainability, Risk Management, Security, Asset Management and Engineering.
Technology Risk

We anticipate technology risk around climate change primarily creating increased capital costs around investing in new technologies to reduce the carbon footprint of our buildings.

Once base building systems are installed, making significant changes is often difficult and expensive. Many of our existing buildings use natural gas, which is considered a high-carbon fuel source. Demand for mixed fuel buildings could decrease because tenants are looking to reduce their carbon footprints. If so, this could place us at technology risk because transitioning to a lower-carbon, all-electric building through retrofitting an existing mixed fuel building is difficult. This is because the current technology that enables switching from gas to electric heating is not yet cost-effective.

Market Risk

While we believe we will remain an attractive landlord in comparison to other West Coast landlords, tenants could decide to leave our area entirely for parts of the country where utility costs are lower and there are fewer environmental regulations. Sourcing materials for our buildings could become increasingly expensive, and there could be disruptions to the supply chains of our building materials, potentially extending construction times or preventing us from delivering buildings on time. Demographic changes resulting from climate change could prevent us from being able to source the labor needed to develop and operate our properties.

Reputation Risk

We do not believe that we are at extreme reputation risk due to climate change. However, real estate as a sector contributes approximately 40% of global climate emissions, and despite our efforts to differentiate ourselves as climate leaders investors could decide to scale back on investments in our sector as a whole, which would impact us.

Physical Risks

Acute

We do not believe we are at short term, acute physical risk as a result of climate change, as our assets are not in locations currently prone to flooding, fire or extreme heat, which are the three physical risks likeliest to impact our portfolio.

Chronic

We believe that longer-term shifts in climate patterns may lead to exposure to flooding due to sea level rise and extreme heat, or extreme rain in some of our regions. This could result in reduced revenues because of negative impacts on our workforce and/or our tenants, increased operating and capital costs, and increased insurance premiums. Sustained higher temperatures could also make certain of our markets less attractive to tenants.

Opportunities

Resource Efficiency

We see many opportunities to improve our business in the face of a changing climate. As more drivers switch to electric vehicles, we could see increased revenues from charging stations. Increased diversion rates could lower our waste costs. We have the opportunity to reduce our energy and water consumption enough to cause operating cost decreases, and not just avoidance of increases from higher rates. We also believe that our buildings that have earned prestigious sustainability certifications could increase in value. Health programs and employee satisfaction in our proactive environmental stewardship could benefit our workforce management, resulting in lower costs from turnover.
Energy Source

- We believe we will have the opportunity to increase our revenues through procurement of additional offsite and onsite renewable power, expanded battery storage and energy efficiency installations, as well as through sourcing renewable power from the grid. We anticipate returns on investment in low-emission technology through the Innovation Lab in reduced operating costs, and we may experience increased capital availability if more investors favor lower-emissions real estate assets. We may also see reputational benefits resulting in increased demand for our properties.

Products and Services

- Our largest climate change opportunity is in increased tenant demand for our buildings that outperform their peers in the market on sustainability. We have the opportunity to achieve even more aggressive environmental targets in our development pipeline, as well as make existing assets more attractive. This would put us in a better competitive position that reflects shifting consumer preferences for lower-carbon buildings, resulting in increased revenues. We could also benefit from reduced insurance premiums relative to our peers.

Markets

- We have a well-established history in taking advantage of public sector incentives to improve the sustainability performance of our portfolio, and we believe we will have the opportunity to take advantage of similar incentives in the future. We also foresee opportunities arising from diversification of financial assets, such as through potential additional green bond offerings. Our first green bond offering in 2018 has already diversified our investor base by drawing increased interest from ESG-focused investors.

Resilience

- We believe that our proactive risk management programs, in both physical infrastructure and emergency response planning, increase the resilience of our buildings, and that we could experience increased market valuation as a result. We also think that our buildings could be perceived as more resilient and therefore receive increased rents from tenants that are looking for buildings that can better ensure business continuity.

Reputation

- We believe that our reputation could benefit through increased confidence from stakeholders, including winning faster support for our development projects from local communities and municipalities. Continuing to earn recognition as a global leader in climate change mitigation and sustainability could further ensure we are looked on favorably by the investment community when that community increasingly looks for climate-positive investments.
CLIMATE CHANGE RISK MANAGEMENT IN ACTION

We manage climate change risks and opportunities at each state of the building cycle:

**ACQUISITIONS**
We conduct deep due diligence during the acquisition phase which includes building resiliency, energy and water consumption, building safety and materials, social impacts on the local community, certifications, environmental regulations and risk of disasters such as earthquakes and flooding. This can involve Phase I environmental studies, structural evaluations, and property condition reports.

**DEVELOPMENT**
We are currently exploring a range of mitigation strategies to cope with potential sea level rise and other climate-related impacts. This includes putting important equipment on risers or relocating it from basements entirely. We have longstanding expertise in planning for seismic events by incorporating seismic gas shutoff valves, increased sprinkler seismic bracing, and locking sprinkler valves in the open position for relevant projects.

**OPERATIONS**
In 2019, we ensured that all of our buildings have Emergency Response Plans that outline a building’s response to particular emergency scenarios that contemplate extreme weather due to climate change. We also use a mobile-enabled system to quickly communicate to employees and tenants in the event of an emergency. In addition, though we have no property in a FEMA floodplain, we have benchmarked our buildings for their flood risk under a 10-foot sea level rise scenario, which we believe to be a reasonable result of current 100-year climate change projections. A significant portion of our portfolio would be impacted under this 100-year scenario and our Emergency Response Plans also address flooding risk. In addition, we conduct energy risk assessments through ASHRAE Level II energy audits and retrocommissioning studies; we conducted these audits across 600,000 square feet of space in 2019.

Climate Change Metrics and Targets

We follow the WRI/WBSCD GHG Protocol to develop our Scope 1 and 2 emissions inventory. We report both location-based and market-based scope 2 emissions. Our reported emissions are independently assured by DNV GL. Further, both our emissions and our targets for reductions were validated by Science Based Targets in 2018. Recognizing the importance of reducing our Company’s greenhouse gas impact on the environment, we have committed to achieving carbon neutral operations by year-end 2020, as described further below.

For Scopes 1 and 2, this exceeds our carbon reduction goals previously validated by Science-Based Targets, which was a 72% reduction across Scopes 1, 2 and 3 by 2050. We anticipate that approximately 25% of this reduction will be created through the use of renewables and the remainder through other carbon reduction activities.

Battery Storage Installation at Our Long Beach Property

Battery Storage Installation at Our Long Beach Property

(1) Science-Based Targets is a collaboration between the Carbon Disclosure Project, the United Nations Global Compact, the World Resources Institute and the World Wide Fund for Nature, which independently assesses and approves the carbon reduction goals of companies.
2019 EMISSIONS PERFORMANCE

3,082 TONNES
SCOPE 1 ABSOLUTE EMISSIONS

6.5% ↓ LIKE FOR LIKE EMISSIONS REDUCTION FROM 2018

25,438 TONNES
SCOPE 2 LOCATION-BASED ABSOLUTE EMISSIONS

24,718 TONNES
SCOPE 2 MARKET-BASED ABSOLUTE EMISSIONS

3.3 KG CO2E/SF
2019 EMISSIONS INTENSITY

58% ↓ REDUCTION IN INTENSITY SINCE 2011

EMISSIONS INTENSITY REDUCTION OVER TIME*

*Intensity figures are calculated based on LFL performance and square footage as reported in our sustainability disclosures in the reporting year, except for where data has been restated. For full carbon data, please see page 146.

NORMALIZED EMISSIONS AGAINST 2011 BASELINE*

*Emissions are calculated on a like-for-like basis each year. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.
Carbon Neutral Operations Commitment

Our CEO, John Kilroy, announced at the 2018 Global Climate Action Summit (GCAS) that we commit to achieving carbon neutral operations by year end 2020. This was the most meaningful climate commitment made at the Summit from the American real estate sector.

Achieving carbon neutral operations will involve three steps for us. First, we will continue to reduce the energy consumption of our stabilized properties and entire announced development pipeline through maximizing onsite energy reductions, and we achieved a 1.8% reduction in 2019. We will continue to take advantage of all onsite solar and battery installation opportunities. Finally, we will make the remainder of the energy consumption 100% renewably powered, making our Scope 2 market based emissions zero tonnes of GHG, by adding capacity to the grid through an offsite energy power purchase agreement, executed in 2018. We chose to enter an offsite power purchase agreement to ensure that our offsite renewables are “additional.” Additional renewable power is renewable power that would not have been added to the grid in the absence of our intervention. We believe that ensuring additiornality in our offsite renewables is the best way to drive the most positive environmental impact.

Through these programs, KRC will reach Scope 1 (direct emissions from onsite combustion of natural gas) and Scope 2 market-based (indirect emissions from onsite consumption of electricity, including offsite work) carbon neutrality by the end of 2020, exceeding our carbon reduction goals previously validated by Science-Based Targets (see page 8).

- **STEP 01**
  - Reduce energy consumption through maximizing onsite energy reductions

- **STEP 02**
  - Utilize onsite solar and battery installation opportunities

- **STEP 03**
  - Make remainder of our energy consumption 100% renewably powered via adding offsite renewables to the grid
ENVIRONMENTAL

- Existing Buildings
- New Development
- Other Environmental Programs
ENVIRONMENTAL OBJECTIVES

For the third time, we have aligned our objectives with the UN Sustainable Development Goals (SDGs) and will continue to use the SDGs to help refine our objectives in the coming years.

UN SUSTAINABLE DEVELOPMENT GOAL

OBJECTIVES

13 CLIMATE ACTION

Achieve a 100% like-for-like reduction in Scope 1 and Scope 2 market-based GHG emissions from a 2017 base year by year-end 2020

PROGRESS

We achieved an 6.5% reduction in Scope 1 and Scope 2 market-based GHG emissions, and have all agreements in place to achieve a 100% reduction by year-end

ON TRACK

07 AFFORDABLE & CLEAN ENERGY

Achieve a 10.3% like-for-like onsite reduction from 2015 energy levels by year-end 2020

PROGRESS

We achieved a 1.8% reduction, which is slightly below our 21% reduction target for 2019

DELAYED

06 CLEAN WATER & SANITATION

Reduce onsite water use 10% like-for-like from 2015 levels by year-end 2020 for like-for-like portfolio

PROGRESS

We achieved a 5.6% reduction in 2019

ON TRACK

09 INDUSTRY, INNOVATION, & INFRASTRUCTURE

Achieve ENERGY STAR certification for 75% of eligible existing buildings year-end 2020

PROGRESS

We have achieved ENERGY STAR certification for 70% of eligible buildings

ON TRACK

12 RESPONSIBLE CONSUMPTION & PRODUCTION

Achieve a recycling annual like-for-like diversion rate of at least 50% in the existing portfolio by year-end 2020

PROGRESS

We achieved a diversion rate of 41.5% in 2019, a 11% increase from 2018 levels

ON TRACK

12 RESPONSIBLE CONSUMPTION & PRODUCTION

Reduce the embodied carbon of construction materials in development projects 30% like-for-like by year-end 2030 and 50% by year-end 2050 from a 2019 baseline

PROGRESS

We will continue to benchmark all current development projects using the EC3 tool and proactively reduce embodied carbon of construction materials on all future projects. More information on page 64

ON TRACK

11 SUSTAINABLE CITIES & COMMUNITIES

All ground-up construction will pursue LEED Gold certification or better, and all major renovations will pursue LEED Silver certification or better

PROGRESS

100 Hooper earned LEED Platinum certification. More information on page 60

ON TRACK

11 SUSTAINABLE CITIES & COMMUNITIES

Total materials used in development projects will achieve at least 20% like-for-like recycled content and 20% like-for-like regional sourcing

PROGRESS

All 2019 development projects achieved this goal

ON TRACK

12 RESPONSIBLE CONSUMPTION & PRODUCTION

Development projects will achieve at least 75% like-for-like diversion of construction waste from landfill

PROGRESS

All 2019 development projects achieved this goal

ON TRACK

15 LIFE ON LAND

All new landscape projects will include at least two pollinator-friendly plants in the landscape design

PROGRESS

More information about our biodiversity programs can be found on page 68

ON TRACK
Existing Buildings

Throughout this report, we will be taking you on a visual tour of the types of projects we deploy in our buildings across energy, water, waste, health and biodiversity.
Overall Energy Performance
We reduced energy consumption by 1.8% across the whole portfolio in 2019.

1. EFFICIENT LIGHTING
We completed lighting retrofits, both interior and exterior, across 5 million square feet, or 43% of our portfolio in 2019. This will result in an over 1.2 MWh reduction in energy consumption.

2. SOLAR
Our total installed solar portfolio is 4.3 MW across seven sites, and their production in 2019 was over 6,000 MWh, which represents 2.2% of our overall energy consumption.

3. WINDOW FILM
We piloted an innovative spray window film in 2018 through the Kilroy Innovation Lab, and then scaled that in 2019 to a full-building installation. That installation is estimated to save over 140,700 kwh annually with a payback of less than 3 years. The installation is innovative because, unlike traditional window films, it is invisible when applied and therefore does not impact building aesthetics.

4. BATTERY STORAGE
Our 9 battery storage projects, which total 4.3 MW in capacity, were completed in 2019.

5. RETROCOMMISSIONING AND AUDITING
We completed 5 retrocommissioning and ASHRAE Level II projects across approximate 600,000 square feet of space in 2019.

6. HVAC
We completed major HVAC projects in 4.3 million square feet of our portfolio and minor projects in every building we manage directly. Projects included installations of VFDs, sealing ductwork, equipment replacement, and pneumatic to DDC upgrades. Total savings are conservatively estimated to be approximately 475,000 kwh.

7. ALL ELECTRIC
17% of our portfolio is entirely all-electric. In line with the California Public Utilities Commission, we believe that reducing our buildings’ dependence on natural gas is a key part of our strategy to reduce the carbon footprint of our portfolio because natural gas is a carbon intensive fuel source.

8. EV CHARGING
- 196.6 tonnes GHG savings (2018: 154.4 tonnes).
- 8,328 unique drivers (2018: 2,697 unique drivers).
- EV Charging stations installed at every new development project.

9. WHITE ROOF
- 84% of our portfolio has white roofs to reduce cooling loads.
KILROY INNOVATION LAB

One of the major drivers of our continued sustainability performance is our willingness to embrace emerging technologies that improve the environmental performance of our existing and new assets. Piloting new technologies gives us access to capital through utility incentive programs, helps us mitigate technology risk by helping us discover new technologies that can assist with the transition to a lower-carbon economy, and improves our brand. We launched the Kilroy Innovation Lab three years ago to formalize the process for implementing sustainability pilots to provide credibility for successful technologies. Our areas of focus are energy, water, waste, health, biodiversity, financial structures, sustainability reporting and supply chain management. The Lab provides a built-in Measurement & Verification platform, powered by Gridium, for us to evaluate the success of pilots, and the Los Angeles Cleantech Incubator, the US Green Building Council Los Angeles (USGBC-LA) Net Zero Accelerator and Build Edison are our technology partners.

We have fully completed two Innovation Lab pilots. One was an innovative precooling HVAC product which saved approximately $26,000 in its first year with a projected 1-year payback and one was a sophisticated energy analytics installation which reduced building energy consumption over 5% in its first year. We are considering scaling both projects further. The 2019 installed Innovation Lab pilots included a spray-on window film and a plug load management project, and we began investigating an additional HVAC precooling technology for a 2020 deployment.

The Innovation Lab has received very positive media coverage, including a feature in REIT magazine's 2019 July/August issue, which stated, "Kilroy’s innovation lab has helped to raise the profile of its sustainability efforts among important stakeholders, including tenants, investors, and employees."

ENERGY SPOTLIGHT

THOMAS DUNN

Thomas Dunn, one of our chief engineers in our San Diego portfolio, took on a record 13 lighting projects in 2019, including two large garages and stairwells in 11 additional buildings. These projects are estimated to save over 300,000 kwh and $72,500 annually. Thomas was successful in accomplishing these projects through proactive lighting audits and leveraging past experience to execute the projects quickly with minimum tenant disruption.
2019 ENERGY PERFORMANCE

**1.8% ↓**
**LIKE FOR LIKE ENERGY REDUCTION FROM 2018**

**2.2%**
**FROM RENEWABLE RESOURCES**

**277,177 MWH**
**2019 ABSOLUTE CONSUMPTION**

**310,592 MWH**
**2018 ABSOLUTE CONSUMPTION**

**NORMALIZED ENERGY CONSUMPTION AGAINST 2010 BASELINE**

*Energy usage is calculated on a like-for-like basis each year. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.*

**19.5 KWH/SF**
**2019 ENERGY INTENSITY**

**30% ↓**
**REDUCTION IN ENERGY INTENSITY SINCE 2011**

**ENERGY INTENSITY REDUCTION**

*Intensity figures are calculated based on LFL performance and square footage as reported in our sustainability disclosures in the reporting year, except for where data has been restated.*

For full carbon data, please see page 147.
Key Center is a Class A+ all-electric office building consisting of 488,470 rentable square feet with a long history in driving energy and water reductions while enhancing health and wellness for tenants and community.

Located in the center of Downtown Bellevue, Key Center was originally constructed in 2000 and underwent a significant energy management system retrofit in 2009. This elevated the property’s ENERGY STAR rating from 82 to a market-leading 96 under the new ENERGY STAR scoring methodology. The building has maintained its high energy performance through continuous education for building staff, which has enabled the building to achieve an impressive 34% energy reduction since KRC acquired the building in 2011. Key Center first earned LEED for Existing Buildings certification at the Gold level in 2009 and at the Platinum level in 2014.

Health is also important at Key Center. The building achieved Fitwel certification in 2017 for incorporating numerous active design features, such as bike lockers, coupled with its strong access to alternative transit. The building also encourages a connection with the outdoors, as the exterior of the building includes a variety of native plants in landscape beds, in addition to a large, open paver deck where summer concerts are held.

Key Center currently diverts 51% of its waste from landfill through ongoing education aimed at their tenants. This is a significant improvement from 2017, when the diversion level was 45%. The overall portfolio average improvement during that time was approximately 2%, making Key Center’s 6% improvement noteworthy.

Key Center also effectively encourages alternative transportation. The building staff has board membership with the Transmanage division of the Bellevue Downtown Association. The Transmanage division focuses on the alternative transportation options to help alleviate traffic congestion within the city. In addition, the building has electric vehicle charging stations and Key Center offers two free parking days per month for individual building employees who commute with alternative transportation. Key Center also rolled out a program in which tenants who sign up for carpools or vanpools also receive a 50% reduction on the cost of a monthly parking pass.

The building also has a significant focus on the community. On a quarterly basis, KRC partners with its tenant FM Global in hosting the Puget Sound Blood Drive at Key Center. In addition, it holds multiple E-waste events and an annual Earth Day event to raise awareness of environmental issues with tenants.
ENERGY STAR CERTIFICATION

SEATTLE
1,506,615 SF

SAN FRANCISCO BAY AREA
3,841,895 SF

GREATER LOS ANGELES
2,066,603 SF

SAN DIEGO
621,267 SF

TOTAL STABILIZED SF
8,036,380
TOTAL %
70%

LEED CERTIFICATION

SEATTLE
1,602,226 SF

SAN FRANCISCO BAY AREA*
4,496,411 SF

GREATER LOS ANGELES
2,084,373 SF

SAN DIEGO
405,066 SF

TOTAL STABILIZED SF
8,588,076
TOTAL %
64%

Full list of certifications is available at our website at:

Full list of certifications is available at our website at:
https://kilroyrealty.com/sites/default/files/2019%20LEED%20Certifications_0.pdf

*San Francisco Bay Area square footage includes the Exchange on 16th
WATER EFFICIENCY SUSTAINABILITY TOUR:

Overall Water Performance
We decreased water consumption 5.6% from 2018 levels. This was a major win for us, as we had a water increase last year. We accomplished this through proactive restroom and irrigation retrofits, as well as identifying leaks and providing education to asset managers, engineers and tenants. We now want to take on more ambitious water projects, such as more sophisticated onsite water recycling in new developments.

1. IRRIGATION RETROFITS
We put irrigation systems in 800,000 square feet of buildings on smart meters so that they only water vegetated areas when needed, as opposed to on a set schedule. This has resulted in a 20% savings since installation.

2. PROCESS WATER UPGRADES
We completed numerous process water upgrades in 2019, such as switching out valves and optimizing schedules for condenser water.

3. RECLAIMED WATER
We saved nearly 840,000 gallons of potable water via our reclaimed water infrastructure. 2100 Kettner will also use reclaimed water for all of its irrigation.

4. LOW FLOW FIXTURES
We specified extremely low flow 1.1 gpf toilets in addition to hybrid waterless urinals in our development projects, in addition to retrofitting fixtures in 1.5 million square feet of existing assets.

5. CAPTURED RAINWATER
350 Mission and 333 Brannan use captured rainwater for toilet flushing.

6. SOURCING
All of our water, other than captured and reused rainwater, is sourced from municipal systems.

7. LEAK DETECTION
Our robust leak detection program both saves water and protects our buildings from water damage.
Our Terra Bella campus in Silicon Valley undertook an irrigation overhaul in 2019 because it had an obsolete system that was not sensitive to precipitation. The new system can reduce irrigation if it detects precipitation, and the new nozzles use significantly less water. As a result, the campus will save over 1.1 million gallons of water annually, a 39% reduction in overall water use. We see irrigation retrofits as a major source of water savings and will continue to undertake more.
WASTE EFFICIENCY SUSTAINABILITY TOUR:

Overall Waste Diversion
We increased our recycling diversion percentage from 40.4% in baseline year 2018 to 41.5% in 2019.

1. COMPOSTING
Approximately 64% of our portfolio has composting service. This is a significant increase over last year, when just 48% of our portfolio had composting. We added composting service to a number of assets and several assets that were sold did not have composting service.

2. WASTE AUDITS
We conducted waste audits in 3.4 million square feet, or 26% of our portfolio. These audits indicated, among other findings, that buildings without composting services typically have significant contamination of organics in the recycling stream. Audit results have helped us refine tenant trainings to focus on waste streams that commonly contaminate recycling, such as food containers that have not been properly cleaned.

3. POST SORTING
Three of our projects have post sorting services to further increase their recycling rates; these are some of our largest properties, which pay significant fines if their waste streams are contaminated. This has resulted in an average 10% increase in the buildings’ diversion rates since post sorting was implemented in 2017.

4. WASTE BENCHMARKING
All of our waste data is benchmarked in ENERGY STAR Portfolio Manager WasteTracker tool.

5. BOMA W2 CHALLENGE
We are participating in the BOMA W2 challenge across 84 assets, which requires us to report our water and waste data to BOMA quarterly. We then receive quarterly reports back from the program, which help us identify our lowest-performing properties, which we can then target for interventions.

6. TEXTILE RECYCLING
Four of our San Francisco properties have onsite collection for textile recycling. These properties have the population density and available collection space to be able to take advantage of specific local textile recycling programs.

7. TENANT TRAININGS
We do in-person tenant recycling and composting trainings throughout our portfolio. This is because we see decreases in recycling contamination and increases in overall diversion as a result of influencing tenant behavior around waste.

8. E-WASTE
Many of our buildings conduct e-waste events to ensure safe and effective recycling of electronic waste.
Kilroy Realty

**Water Use Intensity (gal/ft²)**

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Year-Over-Year Δ</th>
<th>Year-Over-Year % Δ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1</td>
<td>17.00</td>
<td>18.00</td>
<td>1.00</td>
<td>6%</td>
</tr>
<tr>
<td>Q2</td>
<td>19.00</td>
<td>18.00</td>
<td>-1.00</td>
<td>-5%</td>
</tr>
<tr>
<td>Q3</td>
<td>20.00</td>
<td>17.30</td>
<td>-2.70</td>
<td>-14%</td>
</tr>
<tr>
<td>Q4</td>
<td>20.00</td>
<td>17.24</td>
<td>-2.76</td>
<td>-14%</td>
</tr>
</tbody>
</table>

**Waste Use Intensity (gal/ft²)**

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Year-Over-Year Δ</th>
<th>Year-Over-Year % Δ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1</td>
<td>2.39</td>
<td>2.00</td>
<td>-0.39</td>
<td>-16%</td>
</tr>
<tr>
<td>Q2</td>
<td>2.37</td>
<td>2.39</td>
<td>0.02</td>
<td>1%</td>
</tr>
<tr>
<td>Q3</td>
<td>2.48</td>
<td>2.38</td>
<td>-0.10</td>
<td>-4%</td>
</tr>
<tr>
<td>Q4</td>
<td>2.00</td>
<td>2.35</td>
<td>0.35</td>
<td>18%</td>
</tr>
</tbody>
</table>

This scorecard shows waste and water information for buildings shared with the BOMA W² Challenge and may not be representative of a company’s full portfolio. Usage data reflects the most recent 12 months of uploaded data for each building per quarter.

Want tips for improving performance? Check out the Water and Waste Management Improvement Guides now available at [www.boma.org/w2](http://www.boma.org/w2)
New Development HIGHLIGHTS

• In 2019, we had an impressive array of development projects underway all targeting LEED Gold or Platinum. These include 333 Dexter in Seattle (targeting Gold), On Vine Hollywood (targeting Gold), One Paseo in San Diego (office buildings targeting Gold, residential buildings targeting NGBS certification), Oyster Point in South San Francisco (targeting Gold), Flower Mart in San Francisco (targeting Platinum), 2100 Kettner in San Diego (targeting Platinum) and 9455 Towne Centre in San Diego (targeting Platinum).

• 100 Hooper received its LEED Platinum certification, and 150 Hooper received its LEED Gold certification prior to its sale. These were our only projects eligible for LEED development certifications in 2019.

• By announcing even more all-electric development projects compared to prior years, we increased our commitment to providing all-electric Core & Shell buildings to further reduce the carbon footprint of our development projects. Specifically, neither On Vine nor 2100 Kettner include natural gas in their Core & Shell designs.

• At year end 2019, 64% of our stabilized portfolio had achieved LEED certification, and we have an additional 7 projects, across 14 buildings and 6.3 million square feet, registered for certification. An additional project, across 3 buildings, is pursuing NGBS certification.
Located in the prestigious, transit-connected and amenity-rich University Towne Centre, 9455 Towne Centre Drive is a 165,000 square foot state-of-the-art life tech facility that perfectly blends form and function. The project is targeting LEED Platinum certification and is fully leased with expected occupancy in 2021.

9455 Towne Centre Drive is designed with San Diego's perfect climate in mind, improving the workplace environment for the region's brightest minds. The facility proudly highlights natural sunlight, comfortable outdoor seating and lush landscaping surrounding its numerous outdoor patios and open space gathering areas, and sustainability was at the heart of the design and execution of the project. The project is located close to the beach and a state forest as well as area athletic and retail amenities.

Flad Architects created a design using two interconnected and rotated cube elements that give the building a distinctive shape and character. The exterior skin system's goal is to bring daylight deep into the floorplate, and the energy trade off with the increased glazing is mitigated through the use of highly efficient low solar heat gain glass.

"9455 Towne Centre Drive is a great example of sustainable design combined with a highly connected location," says Jake Brehm, Director, Development & Construction Services at KRC. "Our ambitious goal of LEED Platinum would not have been possible without collaboration between many teams including architecture, engineering, contracting and more."

The project features a 589 KW solar array with bifacial panels that will offset approximately a third of the project's energy consumption. Additional sustainability features include a 41% water reduction using highly efficient water fixtures such as 1.1 gallon per flush toilets, an impressive 53% reduction in energy consumption over the LEED baseline via an efficient mechanical system and the onsite solar array, materials purchasing focused on recycled content, regional sourcing, and FSC wood, a robust enhanced commissioning program, electric car charging stations and more.

9455 Towne Centre Drive is also highly focused on health & wellness with a programmed plaza area to create a connection to the outdoors and opportunities for outdoor fitness, access to views, activated stairwells, a site-wide non-smoking policy, a mechanical design emphasizing thermal comfort, and low-emitting materials. The landscaped areas feature pollinator-friendly plants and a low-water irrigation system.
NEW DEVELOPMENT SPOTLIGHT

EC3

In November 2019, the Carbon Leadership Forum along with a range of partners launched the Embodied Carbon in Construction Calculator (EC3) tool. This free tool provides a user-friendly way for project teams to understand the embodied carbon of the materials they choose for construction, as well as the information they need to reduce that carbon footprint. Later in 2019, two of our general contractors, Hathaway Dinwiddie and Webcor, used EC3 to help us benchmark the embodied carbon in all five of our buildings on our upcoming On Vine project. We chose these buildings because both of these contractors have been proactive in adopting EC3 in their projects. On Vine’s embodied carbon is approximately 74 kgCO2e/sq ft, and we will baseline the rest of our development projects to provide a more robust average baseline by the end of 2020. We will be using this baseline to measure our success in reducing the embodied carbon of future projects, with the goal of reducing the embodied carbon of our construction materials 30% by 2030, and 50% by 2050.
LOCAL COMMUNITIES

We recognize that our buildings have the potential to either benefit or detract from their local communities. To navigate these concerns, we created an in-house land use team in 2011. We strive to create buildings that complement and benefit their neighborhoods. For example, at our future 1633 26th St redevelopment project, we have designed the building frontage to embrace the existing vibrant food truck community on one side of the property. Our 2000 Kettner project in San Diego built additional pedestrian improvements in response to a request from the local community group. In addition, we implement local community engagement and environmental impact assessment programs in all of our development projects. By square footage, our development programs comprise 32% of our operations.

- Where needed, we create an Environmental Impact Report (EIR). EIRs are disclosed publicly as part of the entitlement process.
- We proactively engage local communities as part of our development process using a variety of forums. The goal of these programs is to ensure that our development projects meet the needs of the local community.
- During construction, community members that have noise, traffic or pollution concerns are encouraged to bring those concerns to the relevant asset management or construction teams.
- For large development projects, a community hotline is prominently displayed on signs on active corners of the project site to provide community members information and an avenue to address concerns. Concerns brought to us via the hotline are addressed within 48 hours by the general contractor, and concerns that cannot be resolved by the general contractor are brought to the relevant KRC construction team manager.
- Brownfield locations tend to be in attractive, dense urban areas so we embrace brownfield development. Some of our peers avoid brownfield sites because of remediation costs.

COMMUNITY SPOTLIGHT

BROWNFIELD SITES

- 333 Dexter
- The Exchange on 16th
- Kilroy Oyster Point
Biodiversity Sustainability Tour:

1. Pollinator-Friendly Plants
All new landscape is required to include at least two plant types, which otherwise meet our reduced water requirements, that are considered Pollinators by The Pollinator Partnership (www.pollinator.org).

2. Bird Species Protection
We use a falcon to mitigate an unwanted pigeon issue in a more humane way as opposed to the use of spike-based bird deterrents on certain properties. Our falconer helps us identify protected bird species on these sites so that we do not inadvertently harm them.

3. Beehives
We helped our tenant Neuehouse install a beehive in their space at Columbia Square in Hollywood.

Any beehives discovered in undesirable locations are to be relocated either on or offsite in partnership with local beekeeping organizations rather than destroyed.
## Pollinators in the KRC Development Portfolio

<table>
<thead>
<tr>
<th>TYPE</th>
<th>METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Hooper</td>
<td>California Poppy (<em>Eschscholzia californica</em>)<em>&lt;br&gt;Blue Thimble Flower (<em>Gilia capitata</em>)</em>&lt;br&gt;Cleveland’s Sage (<em>Salvia clevelandii</em>)<em>&lt;br&gt;Milkweed (<em>Asclepias fascicularis</em>)</em>&lt;br&gt;Eastern Redbud (<em>Cercis canadensis</em>)&lt;br&gt;Yarrow (<em>Achillea millefolium</em>)&lt;br&gt;Showy Penstemon (<em>Penstemon spectabilis</em>)&lt;br&gt;Purple Cone Flower (<em>Echinacea purpurea</em>)&lt;br&gt;Manzanita (<em>Arctostaphylos bakeri</em>)*</td>
</tr>
<tr>
<td>9455 Towne Centre Dr</td>
<td>Yarrow (<em>Achillea millefolium</em>)<em>&lt;br&gt;Lion’s Tale (<em>Agave attenuata</em>)&lt;br&gt;Manzanita (<em>Arctostaphylos bakeri</em>)</em>&lt;br&gt;California Lilac (<em>Ceanothus</em>)<em>&lt;br&gt;Douglas Iris (<em>Iris douglasiana</em>)</em>&lt;br&gt;Lemonade Sumac (<em>Rhus integrifolia</em>)<em>&lt;br&gt;Fragrant Sage (<em>Salvia clevelandii</em>)</em></td>
</tr>
<tr>
<td>On Vine</td>
<td>California Bukley (<em>Aesculus californica</em>)<em>&lt;br&gt;Kinnikinnick (<em>Arctostaphylos uva-ursi</em>)</em>&lt;br&gt;California Buckwheat (<em>Eriogonum fasciculatum</em>)<em>&lt;br&gt;Beach strawberry (<em>Fragaria chiloensis</em>)</em>&lt;br&gt;Yarrow (<em>Achillea millefolium</em>)&lt;br&gt;Lion’s Tale (<em>Agave attenuata</em>)&lt;br&gt;Manzanita (<em>Arctostaphylos bakeri</em>)<em>&lt;br&gt;Yourow (<em>Achillea millefolium</em>)</em>&lt;br&gt;Douglas Iris (<em>Iris douglasiana</em>)*</td>
</tr>
<tr>
<td>333 Dexter</td>
<td>Yarrow (<em>Achillea millefolium</em>)<em>&lt;br&gt;California Buckwheat (<em>Eriogonum fasciculatum</em>)</em>&lt;br&gt;Beach strawberry (<em>Fragaria chiloensis</em>)<em>&lt;br&gt;Yarrow (<em>Achillea millefolium</em>)&lt;br&gt;Lion’s Tale (<em>Agave attenuata</em>)&lt;br&gt;Manzanita (<em>Arctostaphylos bakeri</em>)</em>&lt;br&gt;California Buckwheat (<em>Eriogonum fasciculatum</em>)<em>&lt;br&gt;California Lilac (<em>Ceanothus</em>)</em>&lt;br&gt;Douglas Iris (<em>Iris douglasiana</em>)*</td>
</tr>
<tr>
<td>The Exchange on 16th</td>
<td>Manzanita (<em>Arctostaphylos bakeri</em>)<em>&lt;br&gt;California Fuschia (<em>Epilobium canum</em>)</em>&lt;br&gt;Buckwheat (<em>Eriogonum arborescens</em>)<em>&lt;br&gt;Seaside Buckwheat (<em>Eriogonum latifolium</em>)</em>&lt;br&gt;Alumroot (<em>Heuchera sp.</em>)<em>&lt;br&gt;Lupine (<em>Lupinus sp.</em>)</em>&lt;br&gt;California Hummingbird Sage (<em>Salvia spathacea</em>)<em>&lt;br&gt;Olive Cottonwood (<em>Prosopis juliflora</em>)</em>&lt;br&gt;California Lilac (<em>Ceanothus</em>)<em>&lt;br&gt;Douglas Iris (<em>Iris douglasiana</em>)</em>&lt;br&gt;California Buckwheat (<em>Eriogonum fasciculatum</em>)<em>&lt;br&gt;California Lilac (<em>Ceanothus</em>)</em>&lt;br&gt;Douglas Iris (<em>Iris douglasiana</em>)<em>&lt;br&gt;California Buckwheat (<em>Eriogonum fasciculatum</em>)</em>&lt;br&gt;California Lilac (<em>Ceanothus</em>)<em>&lt;br&gt;Douglas Iris (<em>Iris douglasiana</em>)</em></td>
</tr>
<tr>
<td>2100 Kettner</td>
<td>Blue Chalk Sticks (<em>Senecio mandraliscae</em>)<em>&lt;br&gt;Madagascar Senecio (<em>Senecio decaryi</em>)</em>&lt;br&gt;Stonecrop (<em>Sedum</em>)<em>&lt;br&gt;Sage (<em>Salvia spathacea</em>)</em>&lt;br&gt;Western Vervain (<em>Verbena lasiostachys</em>)<em>&lt;br&gt;Rossella (<em>Helenium puberulum</em>)</em>&lt;br&gt;Red Willow (<em>Salix lasiostachys</em>)<em>&lt;br&gt;California Buckeye (<em>Aesculus californica</em>)</em></td>
</tr>
<tr>
<td>Kilroy Oyster Point</td>
<td>Rosaly Checker (<em>Sidalcea malviflora</em>)<em>&lt;br&gt;Yarrow (<em>Achillea millefolium</em>)</em>&lt;br&gt;Scarlet Monkeyflower (<em>Mimulus cardinalis</em>)<em>&lt;br&gt;Tansy Phacelia (<em>Phacelia tanacetifolia</em>)</em>&lt;br&gt;Western Vervain (<em>Verbena lasiostachys</em>)<em>&lt;br&gt;Rossella (<em>Helenium puberulum</em>)</em>&lt;br&gt;Red Willow (<em>Salix lasiostachys</em>)<em>&lt;br&gt;California Buckeye (<em>Aesculus californica</em>)</em></td>
</tr>
</tbody>
</table>

*Native
Other Environmental Programs

COMMUNICATION HIGHLIGHTS

- Daily tweets on sustainability programs and projects. Our Twitter page received 215,785 impressions in 2019, an 18% increase over the 182,400 impressions we received in 2018.
- 58 speaking events in 2019, reaching approximately 6,199 professionals.
- We received sustainability coverage in seven publications in 2019, including Commercial Property Executive, REIT Magazine, Urban Land, and BOMA Magazine. These publications have an estimated total audience size of over 4.5 million.
- Press releases via BusinessWire around major sustainability accomplishments that are seen by 100+ media outlets.

2019 TWEETS
GREEN LEASING

We continue to be industry leaders in green leasing. In 2019, we earned our second Green Lease Leaders recognition at the Gold level, our fourth overall win. We earned the award in the Team Transaction category, our second time winning in this category, with a coworking tenant. This was first time a coworking lease has been recognized by the program, even though coworking leases can take advantage of best practices in traditional office green leasing. The Team Transaction category required our brokers, the tenant brokers, and both legal teams to collaborate on the award, and it demonstrates that green leasing requires many parties to work together to execute a green lease.

GREEN CLEANING

We continue to use the high performance green cleaning program that was verified via the LEED for Existing Buildings Prototype certification process. All cleaning products we use meet the relevant LEED environmental standard, either GreenSeal or the California Volatile Organic Compound (VOC) limit. Our vacuums achieve the Carpet and Rug Institute Seal of Approval, and we use microfiber cloths and rags to capture additional dirt to improve air quality. Many of our janitors have graduated from the Green Janitor Education Program, more information on page 90.

GREEN OFFICE POLICY

We created a Green Office Policy in 2019 to require all of our management offices to adopt environmental practices such as discontinuing disposable water bottles, installing occupancy sensors and procuring paper products with high recycled content. The policy also encourages wellness practices such as providing healthy snacks and ergonomic desks to all employees. The policy, like all our policies, is available in our Environmental Management System: https://kilroyrealty.com/sites/default/files/KRC%20Green%20Office%20Policy.pdf
**TENANT ENGAGEMENT**

**GREEN LEASE**
BEGINNING OF OCCUPANCY

**METHOD**
Incorporate ESG language in leases

**STATUS**
100% of new leases contain ESG language

**BUILDING STANDARDS**
BEGINNING OF OCCUPANCY

**METHOD**
Incorporate environmental language in building standards

**STATUS**
Company-wide policy achieved in 2017

**ONGOING SOCIAL MEDIA**

**DAILY**

**METHOD**
Twitter

**STATUS**
In a typical month our tweets are seen approximately 17,982 times

**SUSTAINABILITY HIGHLIGHTS**

**TWICE ANNUALLY**

**METHOD**
Tenant memos

**STATUS**
100% of our portfolios receive memos twice per year

**RECYCLING REVITALIZATIONS**

**AT START OF COMPOSTING SERVICES OR ONCE EVERY 5 YEARS**

**METHOD**
In person

**STATUS**
Goal is 50% diversion under new EPA Wastetracker methodology

**BUIDLING-SPECIFIC INFORMATION**

**ALWAYS AVAILABLE, UPDATED YEARLY**

**METHOD**
Dedicated tenant website

**STATUS**
100% of dedicated building websites contain building-specific sustainability information

**RECOGNITION**

**YEARLY**

**METHOD**
Pursue ENERGY STAR certifications in buildings where tenants pay some or all utilities

**STATUS**
Achieved 14 ENERGY STAR certifications of this type in 2019

**RECOGNITION**

**RECOGNITION**

**YEARLY**

**METHOD**
Lobby displays and activities

**STATUS**
Regional adoption but no company-wide policy

**TENANT APPRECIATION EVENTS**

**YEARLY**

**METHOD**
Lobby displays and activities

**STATUS**
Regional adoption but no company-wide policy

**DEMAND RESPONSE**

**6-12 EVENTS ANNUALLY**

**METHOD**
Install equipment and software that allows participation in Demand Response events, sometimes supplemented with battery storage, engage tenants to participate

**STATUS**
13 buildings participating

**LOGISTIC FEEDBACK**

**ONCE EVERY 2 YEARS**

**METHOD**
Tenant Satisfaction Surveys

**STATUS**
90%+ response rate on tenant satisfaction surveys and comments addressed

**HEALTH**

**CONTINUOUS**

**METHOD**
Onsite amenities, events, competitions, collaboration on Fitwel certifications, and more. More info in detail page 83

**STATUS**
Every building has a program focused on tenant health

**TRANSPARENCY**

**ON DEMAND**

**METHOD**
Tenant Sustainability Surveys

**STATUS**
Respond to all tenant requests for sustainability information in their property

**OPTIMIZATION OF OPERATIONS**

**LEED FOR EXISTING BUILDINGS CERTIFICATIONS THROUGH ARC - EVERY 3 YEARS**

**LEAGUE**

**LEGACY LEED FOR EXISTING BUILDINGS CERTIFICATIONS - EVERY 5 YEARS**

**METHOD**
LEED for Existing Buildings Certification through Arc

**STATUS**
We completed 5 LEED for Existing Buildings Certifications through Arc in 2019, including recertifications
3 SOCIAL

- Human Capital Development
- Building Health
- Community
# Social Objectives

## UN Sustainable Development Goal

### Objectives

1. **Responsible Production & Consumption**
   - **Objective**: Evaluate all Tier 1 suppliers on their social and environmental practices by year-end 2019.
   - **Progress**: Achieved for Tier 1 operational suppliers. We began this process in 2018 and completed it by year-end 2019. In 2020 we will extend this process to development suppliers.

2. **Good Health & Well-Being**
   - **Objective**: 40% of all existing assets to earn Fitwel certification by year-end 2019.
   - **Progress**: 43% of our portfolio had achieved Fitwel certification by the end of 2019.

3. **Good Health & Well-Being**
   - **Objective**: Completed development projects to earn a health certification within 12 months of full occupancy.

4. **Good Health & Well-Being**
   - **Objective**: Enhance employee satisfaction.
   - **Progress**: We solicit feedback from employees periodically and modify our employee engagement programs as necessary. Our 2019 programs focused on teambuilding events and wellness. More information on page 94.

5. **Good Health & Well-Being**
   - **Objective**: Enhance employee involvement.
   - **Progress**: We conduct an employee satisfaction wellness survey annually and modify our programs as a result.

### UN Sustainable Development Goal

#### Objectives

6. **Decent Work & Economic Growth**
   - **Objective**: Continue to develop employee talent.
   - **Progress**: We provided several training programs in 2019 focused on talent development. More information available on page 88.

7. **Sustainable Cities and Communities**
   - **Objective**: Engage our communities through service events.
   - **Progress**: Each KRC region engaged in at least one community service event in 2019. More information on page 106.

8. **Sustainable Cities & Communities**
   - **Objective**: Engage our communities through strategic philanthropic giving.
   - **Progress**: We conducted targeted giving in 2019 around our key topic areas of Strong Communities and Healthy Planet. More information on page 36.
Kilroy is committed to cultivating a diverse culture of inclusion that makes a positive difference in its employees’ lives by helping build meaningful relationships, dedicating ourselves to corporate social responsibility and promoting wellness.

Human Capital Development

Our Human Capital Development goals are focused on enhancing employee growth, satisfaction and wellness while maintaining a diverse and thriving culture.
Within the scope of this report, there is no substantial portion of our work that is performed by workers who are legally recognized as self-employed, or by individuals other than employees or supervised workers, including employees and supervised employees of contractors. We are not reporting on the work performed by third party vendors and contractors in the construction and operation of our buildings. We have had no significant variations in employment numbers. We have two part-time employees, all other employees work full-time. 1% of our total employees are covered by collective bargaining agreements.
TOTAL WORKFORCE

GENDER

LEVEL

REGION + GENDER

EMLOYEES BY REGION:

MALE

FEMALE

SUPERVISION

SUPERVISORS

SUPERVISED WORKERS

SUPERVISORS BY LEVEL (101 SUPERVISORS)

LEVELS

FEMALE

MALE

55% ENTRY
54% MID
11% SENIOR
2% EXECUTIVE

51% FEMALE
50% MALE

63% FEMALE
37% MALE

58% FEMALE
42% MALE

56%
69%
58%
40%

44%
51%
42%
60%

FIRST/MID (46)
PROFESSIONAL (28)
ADMINISTRATIVE (22)
EXECUTIVE/SENIOR (6)
TRADE/MANUAL (1)

52%
36%
77%
17%

48%
64%
25%
85%
100%
TRAINING AND EDUCATION

We support training and education programs that provide continual improvement for our employees.

- We ran several corporate trainings in 2019, such as Unconscious Bias, Public Speaking and Responsive and Adaptive Supervision. In addition, individual teams conducted additional sustainability trainings as appropriate. Our employees on average had 1.3 hours of sustainability training and 7.7 hours of training unrelated to sustainability in 2019.
- We will consider individual requests for job-related tuition reimbursement from employees who have completed at least one year of continuous service. We will reimburse the employee for his/her related expenses including travel, registration and testing fees, workbooks, lodging and meals not included in the registration fees. Approximately 5% of employees took advantage of this program in 2019.
- The time for employee’s attendance and travel will be paid at the employee’s normal rate of pay.
- The time spent by an employee in voluntarily attending any continuing education program covered by this policy is not regarded as hours worked and therefore is not calculated for purposes of overtime.

One of our most important trainings in 2019 was Unconscious Bias training, which all KRC employees were required to take. Unconscious biases, also known as implicit biases, are the underlying attitudes and stereotypes that people unconsciously attribute to another person or group of people that affect how they understand and engage with that person or group. It is our hope that requiring all of our employees to undergo Unconscious Bias training, we are making our corporate culture more diverse and inclusive. We are planning further trainings to enhance the diversity and inclusion of our company.
We are proud that 93 of our janitors across 40% of our portfolio have gone through the Green Janitor Education Program. USGBC-LA, the Building Owners and Managers Association of Greater Los Angeles (BOMA-GLA), Building Skills Partnership, and the Service Employees International Union (SEIU) created the Green Janitor Education Program to provide training on sustainability topics like vampire power, turning off lights, and reporting leaks. We will be conducting supplemental janitor training for all eligible janitors between 2021-2022; this content is currently in development. Eligible janitors work on teams of four or more and are members of an SEIU chapter that supports the program.

WORKFORCE DEVELOPMENT SPOTLIGHT
GREEN JANITOR EDUCATION PROGRAM

We are proud that 93 of our janitors across 40% of our portfolio have gone through the Green Janitor Education Program. USGBC-LA, the Building Owners and Managers Association of Greater Los Angeles (BOMA-GLA), Building Skills Partnership, and the Service Employees International Union (SEIU) created the Green Janitor Education Program to provide training on sustainability topics like vampire power, turning off lights, and reporting leaks. We will be conducting supplemental janitor training for all eligible janitors between 2021-2022; this content is currently in development. Eligible janitors work on teams of four or more and are members of an SEIU chapter that supports the program.

BLOOMBERG GENDER EQUALITY INDEX

We were selected for inclusion in the Bloomberg Gender-Equality Index (GEI) because of our performance on diversity and inclusion in 2019. The GEI is comprised of 325 companies headquartered across 42 countries with a combined market capitalization of over $14 trillion. The GEI measures gender equality across five pillars: female leadership and talent pipeline, equal pay and gender pay parity, inclusive culture, sexual harassment policies, and pro-women brand. The firms included in this year’s index, such as ours, scored at or above a global threshold established by Bloomberg to reflect a high level of disclosure and overall performance across the framework’s five pillars.

PERFORMANCE AND CAREER DEVELOPMENT REVIEWS

- All of our employees receive an annual performance review in the same time frame as the review of annual incentive compensation. 100% of employees received performance reviews in 2019.
- One of the general factors on the performance appraisal form is ‘Attendance/Adherence to Policy’ which requires the supervisor to address whether the employee follows safety & conduct rules, other regulations and adheres to company policies.
- The CEO, COO and CFO, at their discretion, may also discuss performance expectations with respective employees either verbally and/or in written form.
- We cover the costs of sustainability education and testing for interested employees.

EQUAL OPPORTUNITY

We are an equal opportunity employer that recruits, hires, trains, and promotes personnel for all areas of employment without regard to race, color, religious creed (including religious dress and grooming practices), sex (including pregnancy, childbirth, breastfeeding or related medical conditions), sexual orientation, gender, gender identity, gender expression, national origin (including language use restrictions), ancestry, age (40 or over), physical or mental disability (including HIV and AIDS), medical condition (cancer and genetic characteristics), genetic information, Family and Medical Care Leave Status, California Rights Act Leave Status, denial of Family and Medical Care Leave, military or veteran status, or marital status, or any other status protected by federal, state or local laws. We had no incidents of discrimination reported during 2019.
Our Legal team is fundamental to the success of our sustainability programs. They have enabled us to execute contracts for efficiency upgrades in our portfolio for decades, and over the last 10 years have worked closely with the sustainability team on a number of important projects:

- **Green Leasing**: In 2014 our Legal team helped expand our green leasing program, earning us a spot in the inaugural class of recognized Green Lease Leaders by the Institute of Market Transformation that year. They have since expanded our green leases, most recently in 2018, allowing us to achieve Green Lease Leaders recognition three more times, including at the Gold level.
- **Governance**: The sustainability team works closely with the Legal team to expand ESG disclosures in the proxy statement and interface with the Executive Compensation Committee and Corporate Social Responsibility and Sustainability Committee of the Board of Directors.
- **Carbon-Focused Contracts**: The Legal team has recently tackled increasingly difficult projects, from our onsite and offsite solar deals and onsite battery storage agreements to electric vehicle charging stations as well as incorporating performance standards into all efficiency contracts.
- **Environmental Compliance**: The Legal team executes our environmental compliance programs, which include initiatives such as brownfield remediation and asbestos abatement.
- **Vendor Code of Conduct**: In 2019, our Legal team further enhanced our sustainability programs in 2019 through incorporating an ESG-focused Vendor Code of Conduct into our standard contract language.
- **DocuSign**: Our Legal team implemented DocuSign in 2015, transitioning us to electronic document execution from paper-based execution. As a result, since the start of the program we have saved over 44,000 pounds of wood, 100,270 pounds of carbon, and over 6 tons of waste. The carbon savings are exclusive of savings from contracts no longer having to be transported via courier.
EMPLOYEE HEALTH

The Health and Wellness of our employees is of central importance to our culture, and we conduct an annual Wellness survey to help us better tailor our employee health programs. The programs we had in place in 2019 included:

• Maternity - Paid Disability Leave: Up to 4 months, Baby Bonding Leave: Up to 12 weeks, KRC Salary Continuation
• Paternity: Baby Bonding Leave: Up to 12 weeks, KRC Salary Continuation
• Fertility services, including egg freezing
• Discount shopping program (LifeMart)
• Discounted employee gym passes
• Enhanced Employee Assistance Program, services include:
  — Work/life services
  — Childcare and/or eldercare referrals
  — Adoption, fertility and egg-freezing services
  — Personal relationship information (marriage/family issues)
  — Health information
  — Fitness and exercise
  — Legal consultations with licensed attorneys
  — Financial planning assistance
  — Stress management
  — Weight management
  — Mental illness
  — Grief and loss
  — Career development
  — Alcohol/drug dependency
  — Smoking cessation/nicotine replacement therapy
  — Wellness coaching and online self-help programs
  — Overall lifestyle improvement and support for chronic conditions
• Commuter benefit with WageWorks encourages public and alternative transportation
• Mandatory CPR/AED/first-aid training for key teams/positions every other year
• Easily accessible automatic external defibrillators
• Healthy snacks
• Standing desks and other ergonomic desk requirements
• Enhanced employer paid PDL/FMLA/CFRA and FMLA/CFRA benefits

• Value Added Programs provided by our medical benefits providers
  — Nippon provides
    > Medical PPO utilizing ASA Network
    > Teladoc
    > Prenatal program and breast pump
    > Mail order pharmacy
    > Chiropractic care
    > Acupuncture
    > Weight management, healthy eating and exercise
    > (In)fertility treatment
    > LabCard / Quest Diagnostics
    > Wellness portal
    > Mobile app
• Dental PPO
• Vision
• Life Insurance: Life, AD&D and LTD
• UNUM Travel Assist
• UNUM Life Planning Provided
• Parental Leave Coaching
We have a robust building health program focused on great indoor air quality and active design features that help our building occupants stay physically active.

1. **INDOOR AIR QUALITY TESTING**
   To verify the quality of our indoor air, we had 1.4 million square feet of our portfolio go through extensive IAQ testing in 2019. All received certificates verifying their performance.

2. **GREEN CLEANING**
   See page 75.

3. **LOW EMITTING MATERIALS**
   Our building standards prohibit the use of high VOC adhesives, sealants, paints and coatings as well as products containing added urea formaldehyde.

4. **MERV FILTERS**
   The average MERV rating in our portfolio is 10.2, an increase from 9.4 in 2018.

5. **ROOF GARDENS**
   Landscape amenities can improve mental health and reduce stress.

6. **DAYLIGHT AND VIEWS**
   Access to daylight and views may improve mental and physical health, as well as performance in the workspace.

7. **HEALTHY SNACKS**
   Access to healthy food and beverages can increase wellbeing, as well as decrease obesity and related diseases.

8. **BREAK AREAS**
   The ability to take a break away from the workstation can increase the likelihood of eating healthier foods and increase productivity.

9. **ACCESS TO WATER**
   Readily accessible drinking water may decrease consumption of sugar-sweetened beverages.

10. **MOTHER’S ROOMS**
    A dedicated lactation room can increase productivity, decrease health claims and reduce absenteeism for sick children.

11. **ACTIVE WORKSTATIONS**
    Active workstations may decrease sedentary time and increase physical activity.

12. **PUBLIC TRANSIT**
    Easy access to transit improves health via increased walking.

13. **BIKE STORAGE**
    Bicycle storage may increase the appeal of cycling to work, which can increase levels of physical activity.

14. **ACTIVE STAIRWELLS**
    Taking two flights of stairs a day can help prevent most typical adult weight gain.

15. **COMPREHENSIVE EMERGENCY PREPAREDNESS PROGRAMS**
    Our emergency preparedness programs increase employee and tenant safety during emergency situations.

16. **AEDS**
    Readily accessible and tested AED can increase response time for negative cardiac events.

17. **FITNESS**
    Fitness centers and areas can increase employee well-being and decrease absenteeism due to sickness.

18. **LEAK DETECTION**
    Our leak detection procedures help prevent mold growth.
FITWEL

We ended 2019 with 19 Fitwel certifications, the greatest number of certifications of any non-government real estate owner in the world. As a result, the Center for Active Design awarded us a second Fitwel Excellence Award as part of its Best in Building Health Awards. We will continue to focus on incorporating active design features into all of our projects, both development and existing, to increase our Fitwel portfolio further.

FITWEL CERTIFICATIONS

SEATTLE

KEY CENTER
526,131 SF
SKYLINE TOWER
416,756 SF
WESTLAKE TERRY
320,399 SF
401 TERRY
140,605 SF

SAN FRANCISCO BAY AREA

350 MISSION
492,668 SF
360 THIRD ST
451,807 SF
333 BRANNAN
185,602 SF
303 SECOND ST
740,047 SF
201 THIRD ST
346,538 SF
100 FIRST ST
467,095 SF
CROSSING 900
976,482 SF

GREATER LOS ANGELES

COLUMBIA SQUARE CAMPUS
414,253 SF
12100 W. OLYMPIC
150,967 SF
12100 W. OLYMPIC
152,534 SF
SUNSET MEDIA CENTER
358,204 SF
TRIBECA WEST
151,029 SF

Total Fitwel Certified – 5,661,093 SF
Total Kilroy Portfolio – 13,232,580 SF
% Certified – 43%
FITWEL SPOTLIGHT

CROSSING 900

Crossing 900, our 347,269 square foot office complex fully leased to Box in Redwood City, CA, earned Fitwel certification in 2019. With a Walkscore of 98, the building’s location featuring nearby alternative transit and area amenities such as walking trails, retail and restaurants, provides tenants with a good foundation for an active lifestyle. Complementing the building’s location are its many active design features, including restorative gardens throughout the campus, secure bike storage, five mothers’ rooms, multiple themed multi-purpose rooms, onsite food preparation with healthy food selections and choice architecture, and active workstations at every desk.

**AVERAGE WALKSCORE of our existing portfolio:** 70
We recognize that much of the environmental footprint of our business lies in our supply chain, the services and products we procure to construct and operate our buildings, and the services and products that those suppliers in turn procure. That is why we conducted a Supplier Excellence Survey between 2018 and 2019. Its goal was to understand the environmental and social performance of our critical Tier 1 operational suppliers, those suppliers with whom we interact directly and for whom a business disruption on their part would cause an immediate disruption to our business. We determined that these suppliers included our engineering, janitorial, parking, landscaping, and security vendors. We sent these suppliers an extensive survey, gathered the responses, analyzed the data, and then shared with our respondents an overall analysis of the survey with specific recommendations for improvement. Overall, we learned that our Tier 1 suppliers are more sophisticated on social issues such as human rights than environmental issues such as carbon, and we look forward to helping them improve performance in the future. Our 2020 goal is to survey our Tier 1 development suppliers, which include the architecture, engineering and general contracting companies that are working on our active ground-up development projects, and we plan to survey the operational suppliers again in 2021.

**Environmental Sustainability**

**Recommendations**

1. Publicly state your Business Ethics and Code of Conduct in an effort to increase the company’s transparency.

2. Expand your existing Environmental Sustainability program to include monitoring and measuring greenhouse gas emissions of your owned or leased properties/workspaces.

3. Create an auditing process for supplier and contractors approvals.

Full survey report can be found at:

https://kilroyrealty.com/sites/default/files/KRC_Sustainability_Supplier%20Excellence%20Survey%20Results%20Seeversion1.pdf
Community

At KRC, we are deeply aware that our buildings are part of the larger community, and that we thrive when the communities around us thrive. We are proud to make these communities better places to live and work. Our employee volunteerism and philanthropy programs have two core areas of focus: Strong Communities and Healthy Planet. As individual employees, regional groups and as a company, those concepts inspire our volunteerism and philanthropy initiatives.

**CULTURE CREW**

In 2018, we launched a Culture Crew Committee, comprising members from all four regions who organize and execute teambuilding events for the employees in all their regions. Typical culture crew events include community service (more information below), employee health activities and art projects as well as outings to sports games.

**EMPLOYEE VOLUNTEERISM**

Each of the four KRC regions has the goal of organizing at least one employee volunteer event annually, which strengthens communities while giving regional teams the opportunity to connect outside of the office. All regions met this goal, with most regions organizing multiple events. These events ranged from beach cleanups to reading programs to building backpacks for victims of domestic violence to packing lunches for people experiencing food scarcity. In addition, many properties host community events such as blood drives, safety events with local law enforcement and Earth Day celebrations.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Volunteer Hours</td>
<td>862</td>
</tr>
<tr>
<td>Hygiene Kits Packed for Domestic Violence Shelters</td>
<td>200</td>
</tr>
<tr>
<td>Diaper Kits Packed for Babies in Homelessness</td>
<td>349</td>
</tr>
<tr>
<td>Welcome Kits Packed for Families Transitioning out of Homelessness</td>
<td>50</td>
</tr>
<tr>
<td>Cigarette Butts Picked Up</td>
<td>557</td>
</tr>
<tr>
<td>Welcome Kits Packed for Domestic Violence Shelters</td>
<td>100</td>
</tr>
<tr>
<td>Care Kits for Troops</td>
<td>661</td>
</tr>
<tr>
<td>Flu Shots Provided</td>
<td>209</td>
</tr>
<tr>
<td>Barrels of Toys Donated</td>
<td>7</td>
</tr>
<tr>
<td>Organizations served</td>
<td>450</td>
</tr>
<tr>
<td>Meals Donated</td>
<td>23,088</td>
</tr>
<tr>
<td>Bags Packed for Children in Foster Care</td>
<td>63</td>
</tr>
<tr>
<td>Pints of Blood</td>
<td>450</td>
</tr>
</tbody>
</table>
WEEK OF SERVICE

This year, KRC conducted our first-ever companywide Week of Service, further dedicating ourselves to giving back to our communities in which we live and work.

WEEK OF SERVICE HIGHLIGHTS

1 PurpleStride Since the first walk in 2008, PurpleStride has been the Pancreatic Cancer Action Network’s most powerful vehicle for fundraising and awareness. Team members from our Silicon Valley-subregion participated in the 2019 Walk.

2 Golden Gate National Parks The San Francisco Region partnered with Golden Gate National Parks for the second time to help restore Baker Beach in the Marin Headlands. The team worked hard picking up all the cigarette butts, bottles, plastic and other items that do not belong on our beach.

3 Larkin Street Youth Services The San Francisco Region volunteered to help sort and organize clothing at Larkin Street Youth Services, a nonprofit that empowers young people to move beyond homelessness. They have helped over 75,000 young adults in San Francisco by providing a continuum of healthcare, housing, employment, and education services. Our team members worked together to help organize and sort through a closet full of donated youth clothing. This made the space clean and easier for the youth to come in and find exactly what they need.

4 Uplift San Diego Our San Diego team partnered for the second time with Uplift San Diego, a non-profit that assists low income families with school supplies and tutoring and unhoused people with shelter and aid. This year, our volunteers were able to stuff 60 backpacks for grades 7th-12th with pens, pencils, protractors, and more.

5 Family House We served breakfast, hosted arts and crafts activities, and helped with house projects for families with children undergoing life-threatening illnesses at UCSF Mission Bay.

6 Los Angeles Region Trashtag Challenge 50+ KRC employees in our Los Angeles region participated in this year’s #TrashTag challenge, a viral clean-up movement that began on social media and has made its way around the globe. The challenge encourages people to get outside and help clean up the environment. More information available below.
Our 2019 blood drives collected 450 pints of blood, which could save up to 1,350 lives.

COMMUNITY SPOTLIGHT

LOS ANGELES REGION TRASHTAG CHALLENGE

<table>
<thead>
<tr>
<th>Volunteers</th>
<th>Miles Covered</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>6.1</td>
<td>66.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bags of Trash/Recycling</th>
<th>Cigarette Butts*</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>557</td>
</tr>
</tbody>
</table>

PHILANTHROPY

We also provide financial support to charitable organizations focused on Strong Communities and Healthy Planet, and have a matching gift program to match employee contributions to 501(c)(3) nonprofit organizations, schools and universities. Our philanthropic philosophy is to provide unrestricted grants to allow the organizations we believe in to execute their programs most efficiently. Over 63 nonprofits are supported by these efforts.

Rozalia Project Hudson River Microplastic Sampling Expedition

We supported an international team of scientists, innovators and material experts who participated in the Hudson River Microplastic Sampling Expedition. That team collected over 600 samples of the air, water and soil from the Hudson River, the first-ever four-dimensional, whole river microplastic study. Investigating microplastics in the water column, soil and air will help identify the multiple sources of this pollution, and knowing the sources will lead to solutions to reducing microplastic pollution. We were joined by National Geographic Society to support this first-of-its-kind expedition coordinated by Rozalia Project.

Kilroy Environmental Scholarship at Loyola Marymount University

In recognition of John B. Kilroy, Sr.’s unique and longstanding role as chairman of KRC, we established the Kilroy Scholarship at Loyola Marymount University in 2013 with a gift of $100,000 each year for 10 years. The Kilroy Scholarship supports undergraduate students in the Frank R. Seaver College of Science and Engineering who are pursuing a degree in Environmental Science.
4 GOVERNANCE

- Corporate Social Responsibility and Sustainability Committee of the Board
- Policies
- Green Bond
- Stakeholder Engagement
Corporate Social Responsibility and Sustainability Committee of the Board

Our Board of Directors established a Corporate Social Responsibility and Sustainability Committee ("CSR&S Committee") in 2018. Its charter charges the committee with oversight of environmental and social issues, including climate change, at KRC. Their role is to oversee and advance our corporate social responsibility and sustainability initiatives, including those related to climate change, in recognition that community engagement and sustainable operations benefit all of our stakeholders and are key to preserving our value and credibility. This committee both provides input on social and environmental issues based on their broad market experience as well as strategic guidance around employee initiatives in these areas. Jolie Hunt serves as chair of the committee, which is also comprised of Peter Stoneberg and our CEO, John Kilroy. An internal KRC team that includes Sustainability, Legal, Human Resources, Administration and Marketing meets regularly to discuss initiatives and progress around social and environmental issues, and the Senior Vice President Sustainability, Sara Neff reports to the CSR&S Committee on a quarterly basis.

ESG FACTORS IN NAMED EXECUTIVE OFFICE COMPENSATION

In 2019, a new ESG-focused metric was added to the Company’s annual cash incentive plan performance measurement framework, with a 15% weighting within the overall framework for determining 2019 cash bonus payouts. Accordingly, our Executive Compensation Committee of the Board of Directors will now consider our achievement of certain sustainability disclosures and ESG initiatives in determining such cash bonus payouts. This includes achievement of minimum LEED certifications on new development, progress on human capital initiatives, and shareholder outreach when determining the annual cash bonus payout levels for our executive management team.

Biographies for the CSR&S Committee members can be found on page 12 of our 2020 proxy statement available here: (http://investors.kilroyrealty.com/FinancialDocs).
Policies

1. SUSTAINABLE SITES POLICY (Effective April 19, 2010)
2. BIODIVERSITY AND HABITAT POLICY (Effective May 5, 2016)
3. SOLID WASTE MANAGEMENT POLICY (Effective July 7, 2013)
4. CONSTRUCTION WASTE POLICY (Effective August 2, 2010)
5. REFRIGERANT MANAGEMENT POLICY (Effective July 7, 2013)
6. GREENHOUSE GAS (GHG) MANAGEMENT POLICY (Effective April 17, 2013)
7. CLIMATE CHANGE POLICY (Effective August 2, 2010)
8. ENERGY POLICY (Effective April 17, 2013)
9. ENERGY MANAGEMENT POLICY (Effective April 17, 2013)
10. INDOOR AIR QUALITY (IAQ) POLICY (Effective July 7, 2013)
11. ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL POLICY (Effective January 1, 1995)
12. IAQ MANAGEMENT FOR FACILITY ALTERATIONS AND ADDITIONS POLICY (Effective July 7, 2013)
13. INTEGRATED PEST MANAGEMENT (IPM) POLICY (Effective July 7, 2013)
14. BUILDING EXTERIOR AND MAINTENANCE POLICY (Effective July 7, 2013)
15. GREEN CLEANING POLICY (Effective January 12, 2011)
16. HEALTH AND SAFETY POLICY (Effective July 7, 2013)
17. CONSTRUCTION MATERIALS DESIGN CRITERIA AND BUILDING STANDARDS POLICY (Effective August 2, 2010)
18. VENDOR CODE OF CONDUCT (Effective December 15, 2016)
19. SUSTAINABLE PURCHASING POLICY (Effective July 7, 2013)
20. BUILDING MATERIALS POLICY (Effective March 20, 2012)
21. WATER MANAGEMENT POLICY (Effective July 2, 2014)
22. PLUMBING FIXTURE REPLACEMENT POLICY (Effective July 2, 2014)
23. CALIFORNIA DROUGHT POLICY (Effective January 21, 2014)
24. RESILIENCE POLICY (Effective December 2, 2013)
25. HUMAN RIGHTS POLICY (Effective December 15, 2016)
26. PHILANTHROPY POLICY (Effective December 15, 2016)
27. GREEN OFFICE POLICY (Effective September 23, 2019)

All of our policies can be found at: https://kilroyrealty.com/commitment-sustainability under “Action Plan.”
Green Bond

On November 14, 2018, we announced that our operating partnership, Kilroy Realty, L.P. priced an underwritten public offering of $400 million aggregate principal amount of 4.750% senior notes due 2028 with a commitment to allocate the proceeds from these bonds to one or more eligible green projects. We allocated the entirety of the proceeds to our LEED Platinum project The Exchange on 16th and reported on the total use of proceeds in the 2018 sustainability report (See ‘2018 KRC Sustainability Report’ here.) This was the first Green Bond issued in the United States allocated to green buildings that has been certified by the Climate Bonds Initiative, which is the only global certification body for green bonds. The Kilroy Realty Green Bond has met the highest global benchmark for Green Bonds, meeting and exceeding the Green Bond Principles. The most recent Verification Opinion can be found on page 132. Our Green Bond Framework, and other information about our green bond, can be found at: https://kilroyrealty.com/sites/default/files/Green%20Bond%20Framework.pdf

Certification

This is to certify that the
4.75% Green Bond Due 2028

Issued by
Kilroy Realty, L.P.

Has met the criteria for certification by the Climate Bonds Standard Board on behalf of the Climate Bonds Initiative

Sean Kennedy
CEO, Climate Bonds Initiative

2 April 2019

Climate Bond Certified

THE EXCHANGE ON SIXTEENTH, MISSION BAY, SAN FRANCISCO, CA // LEED PLATINUM
Ethics

Obeying the law, both in letter and in spirit, is the foundation on which our ethical standards are built. Each employee has an obligation to comply with federal laws and the laws of the states, counties and cities in which we have properties and operate our business. We will not tolerate any activity that violates any laws, rules or regulations applicable to us. This includes, without limitation, laws covering bribery and kickbacks, copyrights, trademarks and trade secrets, information privacy, insider trading, illegal political contributions, antitrust prohibitions, offering or receiving gratuities, environmental hazards, employment discrimination or harassment, occupational health and safety, false or misleading financial information or misuse of corporate assets.

This policy is addressed in our Code of Business Conduct and Ethics (Code of Conduct) each employee is given upon their hiring, is available on our public website and internal intranet, and is additionally sent out once a year to all employees via email from our Chief Operating Officer. Additionally, all officers of our officers certify and affirm that they have received, read and understand the terms of and have fully complied with the Code of Conduct on an annual basis. Employees who become aware of noncompliance with our Code of Conduct are encouraged to make use of our Conduct Hotline if they do not feel comfortable bringing up the issue with a supervisor or Human Resources. Vendors and contractors are asked to bring any issues to their building management team.

The Code of Conduct applies to our directors, officers, employees, agents and consultants and is posted on our public website. Under the Code of Conduct, all consultants have a duty to report any known or suspected violations of the Code of Conduct to a representative of ours, who will investigate the consultant’s concern and follow the applicable procedures set forth in the Code of Conduct to disclose the issue to the necessary party, including the Board of Directors or a committee thereof, as appropriate. If our representative does not satisfactorily address the issue or the consultant does not feel comfortable discussing the matter with the representative, the consultant is to report the matter to the Audit Committee of the Board of Directors through its anonymous and confidential Conduct Hotline. We did not have any significant bribery, fraud or corruption issues in 2019 or in any prior reporting years. In addition, we had no legal actions for anti-competitive behavior, anti-trust, and monopoly practices in 2019 or any prior reporting years.

We subscribe to the precautionary principle, which we interpret by assuming that the construction and operation of our buildings has the potential to threaten the environment and the health of building occupants and those in our supply chain. We believe that environmental and health-focused building certifications help us avoid materials and practices that may cause these negative impacts, which is why all our new construction and eligible existing buildings pursue these certifications. In addition, we are constantly working to stay abreast of industry best practices in procurement and incorporating these practices into our projects.

Entities

No entity included in our consolidated financial statements (http://www.snl.com/Cache/IRCache/c3a50db0d-de14-dfe2-4cao-72ec38db669.html) is excluded from coverage in this sustainability report. We are headquartered in Los Angeles, California.

Partnerships and Industry Associations

- ENERGY STAR Partner
- BOMA Energy and Environment Committee
- U.S. Green Building Council (USGBC) Corporate Gold Member; USGBC Los Angeles Partner
- NAREIT Real Estate Sustainability Council member
- GRESB member
- Center for Active Design Leadership Advisory Board member
- Urban Land Institute (ULI) Greenprint member
- NAACP Centering Equity in the Sustainable Building Sector Working Group member
- San Diego, San Francisco and Seattle 2030 Districts member
- Institute of Real Estate Management (IREM) member
- International Facility Management Association member (IFMA)
- National Association of Industrial and Office Properties member (NAIOP)
- Young Professionals in Energy Board member (YPE)
- Fitwel Leadership Advisory Board member
- Hawthorn Club member
- Institute of Real Estate Management (IREM) member
- International Facility Management Association member (IFMA)
- National Association of Industrial and Office Properties member (NAIOP)
- Young Professionals in Energy Board member (YPE)
- Fitwel Leadership Advisory Board member

KILROY REALTY

PAGE 120

GOVERNANCE

PAGE 121
Partnership Spotlight

In 2019, we served on the Advisory Group for the ULI Real Estate Assessment on Health and Social Equity to further the understanding of our industry’s current practices around health and social equity. This work was funded by the Robert Wood Johnson Foundation and stakeholders across many sectors participated, including the Center for Active Design, the International Well Building Institute, real estate owners from many asset types, NGOs and more. The report of our work will be published in 2020.

Advocacy

- Participated on Los Angeles Mayor Eric Garcetti’s Sustainability Taskforce to promote the decarbonization of the Los Angeles built environment
- Attended a series of workshops to inform Our County, the Los Angeles County sustainability plan under development by the Los Angeles County Chief Sustainability Office
- Commented on proposed all-electric building legislation and collaborated with the state legislative office on reducing barriers to building electrification
- Endorsed the updated Los Angeles Green New Deal
- Provided energy data and additional information for three buildings for the US EPA Commercial Buildings Energy Consumption Survey to help improve the accuracy of the ENERGY STAR scoring system
- Participated in the NAACP Centering Equity in the Sustainable Building Sector (CESBS) Initiative (more information below)
- Attended the 2019 C40 summit to advocate for sustainable building legislation

NAACP CESBS Initiative

In 2018, the NAACP, the nation’s largest and most widely recognized civil rights organization, launched the Centering Equity in the Sustainable Building Sector (CESBS) Initiative. The CESBS initiative seeks to shift narratives, mobilize resources, empower champions, and catalyze new norms in the building industry to help ensure sustainable development does not exacerbate social inequality. In 2019, we supported this initiative by taking part in the monthly working group meetings and participating in the CESBS Working Retreat hosted at the Brock Environmental Center in Virginia Beach, VA. Through this effort the NAACP is poised to introduce policy and practice guidance that will aid the policymakers, businesses, and community advocates in advancing a sustainable building movement that is both socially and environmentally just.
C40 is a network of the world’s megacities committed to addressing climate change. We participated in the C40 2019 conference in Copenhagen through speaking at both the Cities & Business Forum and the Clean Construction Summit. Our goal was to both learn about best practices for reducing carbon in the built environment from around the world and to advocate for increased public/private collaboration on the creation of new building decarbonization legislation.

Environmental Grievances

The concept of formal environmental grievance mechanisms as contemplated by GRI is not applicable to us as a REIT. However, we have procedures in place for responding to environmental incidents, and our focus on developing urban core brownfield sites requires us to have expertise in coordinating environmental remediation. Examples of environmental issues that may arise at an existing property include water intrusion, mold, air quality or water quality issues, leaking underground storage tanks or pipes, and the presence of asbestos-containing materials or lead-based paint. Examples of environmental issues that may at our urban development sites include contaminated soil, soil vapor, and groundwater, underground storage tanks, and encountering unknown structures and materials. We did not have any significant fines or non-monetary sanctions regarding environmental compliance in 2019. We had no significant spills in 2019. We had no grievances about environmental impacts filed, addressed and resolved through formal grievance mechanisms.
## Stakeholder Engagement Matrix

<table>
<thead>
<tr>
<th>STAKEHOLDER GROUP</th>
<th>ENGAGEMENT APPROACH</th>
<th>MATERIAL ASPECTS AND TOPICS OF DISCUSSION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Annual kickoff calls with sustainability team</td>
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<td>Employee satisfaction survey</td>
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<td>Internet site for internal communications</td>
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<td>Whistleblower mechanism</td>
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<td>Collaboration on projects and certifications</td>
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<td>Regional Culture Crew teambuilding events</td>
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<td>Tenants</td>
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<td></td>
<td>Attendance at conferences and other industry events</td>
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<td>Contract development and interaction throughout duration of service</td>
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</table>
WRAP UP

- Materiality
- Third Party Validation
- Conclusion
- GRI Index
- Independent Assurance Statement
Materiality

To define our report content, we use GRI’s Principles for Defining Report Content. These help us identify the most relevant environmental, social and governance impacts as they pertain to our business and stakeholders. This includes all information required for the GRI Standard: Core option as well as additional information relevant to our stakeholders. To accomplish this, the sustainability team conducts a thorough materiality engagement every year. The team surveyed 44 people who represent a cross section of both our own employees and our external stakeholders. We then shared this process with DNV GL, the third party who is verifying our sustainability report, and refined our disclosures based on their findings. Several issues increased in importance according to our stakeholder survey respondents, especially diversity and equal opportunity, nondiscrimination, gender pay equity, and anti-harassment as well as waste and recycling. Health impacts of buildings on occupants decreased in importance.

External Stakeholder Group
- Architect
- Competitor
- Consultant
- Engineer
- General Contractor
- Higher Education
- Industry Association
- Real Estate
- Industry Association
- Sustainability

Internal Stakeholder Group
- Accounting
- Architecture
- Asset Management (all regions)
- Construction
- Corporate Services
- Development
- Engineering
- Finance
- Financial Reporting
- Human Resources
- Government Affairs
- IT
- Leasing
- Legal
- Marketing
- Operations
- Residential
- Retail
- Risk Management
- Tax

Materiality Matrix

Influence on Stakeholders

- Effluents and Waste
- Economic Performance
- Energy
- Water
- Access to Transit and Amenities
- Certifications
- Resilience
- Transparency
- Local Communities
- Compliance (Environmental)
- Anti-Corruption
- Diversity and Equal Opportunity
- Non-discrimination
- Anti-harassment

Potential Impact on Business

- Training and Education
- Environmental Grievance Mechanisms
- Public Policy
- Occupational Health & Safety

- Carbon Emissions
- Environmental Impacts of Materials
- Health/Wellness of Building Materials
- Equal Remuneration for Men and Women
- Market Presence
- Human Rights

- Biodiversity
- Supplier Environmental Assessment
- Compliance (Social)
- Consumer Health and Safety
- Employment
- Labor Practices Grievance Mechanisms
- Supplier Assessment of Labor Practices
- Security Practices
- Marketing Communications
- Overall (Environmental)
- Freedom of Association/Collective Bargaining
- Security Practices
- Labor/Management Relations
- Procurement Practices

- Products & Services
- Overall (Environmental)
- Child Labor
- Forced/Compulsory Labor
- Indigenous Rights
- Supplier Human Rights Assessment
- Human Rights Grievance Mechanisms
- Indirect Economic Impacts
- Supplier Assessment for Impacts on Society
- Grievance Mechanisms for Impacts on Society
- Product and Service
- Labeling
- Marketing Communications
- Consumer Privacy
- Compliance (Product Responsibility)
Conclusion

Thank you for reading our ninth annual sustainability report, which was prepared by Sara Neff (Senior Vice President, Sustainability), Maya Henderson (Director, Sustainability), Vaishali Sampat (Sustainability Manager) and Jasmine Lomax (Sustainability Manager). We attest that the information contained in this report is accurate and addresses all aspects of our sustainability programs material to our stakeholders. Special thanks to Carlos Alvarez, Joke Brehm, Karen Chu, Allison Colberg, David Cortes, Angelica Cunningham, Janelle Duff, Thomas Dunn, Kayla Gonzalez, Keely Hale, Pauline Hudson, Kristen Kelley, John Kilroy, Candace Lee, Christine Luang, Katy Mansoor, Marina Martos, Sharon Masch, Robert Masterson, Michelle McDufty, Lala Montano, Natalia Morales, Connie Muramoto, Heidi Ng, Michelle Ngo, Suzanne Omar, Scott Ritto, Tyler Rose, Lauren Ross, Jenna Sahn, Lauren Stadler, Samantha Suan, Phil Tate and Timothy Williams for their help in the preparation of this report.

We value your feedback and welcome any questions, comments or suggestions on this report and our performance.

For any questions pertaining to this report, please contact Sara Neff at (310) 481-8449 or sneff@kilroyrealty.com. More information about our sustainability programs and corporate responsibility practices is available on our website at http://kilroyrealty.com/commitment-sustainability and on Twitter @kilroygreen.

Third Party Validation

CHARTERS, PRINCIPLES, INITIATIVES

- KRC has sought third-party assurance of the company’s annual GRI report to confirm the quality and completeness of the disclosure for the seventh time this year. This is the second year we have used the GRI Standards guidelines for its report. For the previous five years, we used the GRI G4 standards.
- This sustainability report has been externally assured by DNV GL Business Assurance USA, Inc. Their Independent Assurance Statement can be found on page 140. DNV GL is Third-Party assurance provider, unaffiliated with us. DNV GL also performed the assurance of the use of our Green Bond proceeds. More information on page 118.
- To ensure that our reporting meets the highest standards for transparency, this report is externally audited in accordance with the AccountAbility 1000 Assurance Standard (AA1000GS 08).
- Our senior management team was involved in the external assurance process, which included interviews with senior management and representatives of several departments including C-Suite, Engineering, Risk Management, Human Resources and In-House Counsel.

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Global Reporting Initiative

GRI 102: GENERAL DISCLOSURES

<table>
<thead>
<tr>
<th>GRI Standard</th>
<th>Disclosure</th>
<th>Externally Assured</th>
<th>Page # or Link</th>
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<td>General Disclosures 102-1</td>
<td>Name of the organization</td>
<td>Yes</td>
<td>16</td>
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<tr>
<td>General Disclosures 102-2</td>
<td>Activities, brands, products, and services</td>
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<tr>
<td>General Disclosures 102-3</td>
<td>Location of headquarters</td>
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<tr>
<td>General Disclosures 102-4</td>
<td>Location of operations</td>
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<tr>
<td>General Disclosures 102-5</td>
<td>Ownership and legal form</td>
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<td>General Disclosures 102-6</td>
<td>Markets served</td>
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<td>General Disclosures 102-7</td>
<td>Scale of the organization</td>
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<td>General Disclosures 102-8</td>
<td>Information on employees and other workers</td>
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<td>84-85</td>
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<tr>
<td>General Disclosures 102-9</td>
<td>Supply chain</td>
<td>Yes</td>
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<tr>
<td>General Disclosures 102-10</td>
<td>Significant changes to the organization and its supply chain</td>
<td>Yes</td>
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<tr>
<td>General Disclosures 102-11</td>
<td>Precautionary Principle or approach</td>
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<td>General Disclosures 102-12</td>
<td>External initiatives</td>
<td>Yes</td>
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<td>General Disclosures 102-13</td>
<td>Membership of associations</td>
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<td>General Disclosures 102-14</td>
<td>Statement from senior decision-maker</td>
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<td>General Disclosures 102-15</td>
<td>Key impacts, risks, and opportunities</td>
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<td>General Disclosures 102-16</td>
<td>Values, principles, standards, and norms of behavior</td>
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<td>Governance structure</td>
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<td>List of stakeholder groups</td>
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<td>Collective bargaining agreements</td>
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<td>Identifying and selecting stakeholders</td>
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<td>Approach to stakeholder engagement</td>
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<td>General Disclosures 102-44</td>
<td>Key topics and concerns raised</td>
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<td>130-131</td>
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GRI 201: ECONOMIC PERFORMANCE

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<tbody>
<tr>
<td>Economic Performance</td>
<td>Financial implications and other risks and opportunities due to climate change</td>
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KILROY REALTY
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- Anti-corruption 103-2: The management approach and its components 121
- Anti-corruption 103-3: Evaluation of the management approach 121
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GRI 302: ENERGY

- Energy 103-1: Explanation of the material topics and its boundaries 147
- Energy 103-2: The management approach and its components 38-39
- Energy 103-3: Evaluation of the management approach 147
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- Biodiversity 304-1: Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas 68

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- Emissions 103-2: The management approach and its components 42-44
- Emissions 103-3: Evaluation of the management approach 25-31
- Emissions 305-1: Direct (Scope 1) GHG emissions Yes 146
- Emissions 305-2: Energy indirect (Scope 2) GHG emissions Yes 146
- Emissions 305-5: Reduction of GHG emissions Yes 146
This is our ninth corporate sustainability report and seventh developed in accordance with GRI guidelines. For the second time, this report has been prepared in accordance with the GRI Standards: Core option. For the previous five years, we used the GRI G4 standards. The report covers all of our activities, all of which are located in the United States, during calendar year 2019. We publish a corporate sustainability report on an annual basis. The last KRC corporate sustainability report was published in April 2019 and covered calendar year 2018. Since our last report, there have been no significant restatements. Since last year’s report, we have increased the square footage of our stabilized portfolio by approximately 1.8% percent, from 13.2 million square feet to 13.5 million square feet. Like-for-like, our occupancy increased over this period from 94.1% to 94.6%. The external assurance report can be found on page 140. The external assurance provider has used the AA1000 Assurance Standard (08) as the basis of the assurance.
Independent Assurance Statement

DNV GL Business Assurance USA, Inc. (DNV GL) was commissioned by Kilroy Realty Corporation (KRC) to conduct independent assurance of its 2019 Sustainability Report (the Report), for the year ended 31 December 2019, as published on the company’s website at: https://kilroyrealty.com/sustainability

Without affecting our assurance opinion, we also provide the following observations:

Stakeholder inclusiveness
The participation of stakeholders in developing and achieving an accountable and strategic response to sustainability.

Responsiveness
The extent to which the organization responds to stakeholder issues.

Materiality
The identification of those issues which are necessary for stakeholders to make informed judgements concerning the organization and its impacts.

Reliability and quality
The accuracy and comparability of information presented in the Report, as well as the quality of underlying data management systems.

Level of Assurance
We planned and performed our work to obtain the evidence we considered necessary to provide a basis for our assurance opinion. We are providing a “Type 2, moderate level assurance”. KRC has sole responsibility for preparation of the Report and selected performance indicators in accordance with the reporting criteria.

Data Verified
The environmental footprint claims for KRC’s whole portfolio which includes managed assets, indirectly managed assets, and Life Science assets are listed below.

2019 Data In Scope

- Energy consumption, greenhouse gas (GHG) Scope 1, 2, and 3 (Category 13) emissions, waste generated, and water use assertions, as reported in the Performance Tables in Section 6 - Appendix, and related claims.
- GHG Indicators:
  - 301-1: Energy Consumption; 302-4: Reduction of Energy Consumption
  - 303-3: Water Consumption
  - 305-1: Direct GHG Emissions; 305-2: Indirect GHG Emissions; 305-3: Other indirect GHG Emissions; 305-5: Reduction of GHG Emissions
  - 306-2: Waste

Data Verified
The environmental footprint claims for KRC’s whole portfolio which includes managed assets, indirectly managed assets, and Life Science assets are listed below.

2019 Data In Scope

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  - 303-3: Water Consumption
  - 305-1: Direct GHG Emissions; 305-2: Indirect GHG Emissions; 305-3: Other indirect GHG Emissions; 305-5: Reduction of GHG Emissions
  - 306-2: Waste

Data Verified
The environmental footprint claims for KRC’s whole portfolio which includes managed assets, indirectly managed assets, and Life Science assets are listed below.

2019 Greenhouse Gas Emissions

- Scope 1 Emissions: 3,083 MTCO₂e
- Scope 2 Emissions (Location-Based): 254,438 MTCO₂e
- Scope 2 Emissions (Market-Based): 24,718 MTCO₂e

2019 Energy

- 2019 Total Energy Consumption: 277,177 MWh
- 2019 Waste
  - 2019 Total Waste Generation: 7,674 tons
  - 2019 Water
  - 2019 Water Consumption: 212,262 kgal

Responsibilities of Kilroy Realty Corporation and of the Assurance Providers
KRC has sole responsibility for preparation of the Report and selected performance indicators in accordance with the reporting criteria.

In performing our assurance work, our responsibility is to the management of KRC. Our statement, however, represents our independent opinion and is intended to inform all KRC’s stakeholders.

DNV GL was not involved in the preparation of any statements or data included in the Report, except for this Assurance Statement. This is our seventh year of providing assurance for KRC’s Report, Energy, Water, and Waste data and fourth year providing assurance for GHG emissions.

Indepedence
DNV GL’s established policies and procedures are designed to ensure that DNV GL, its personnel, and where applicable, others are subject to independence requirements (including personnel of other entities of DNV GL) and maintain independence where required by relevant ethical requirements. This engagement work was carried out by an independent team of sustainability assurance professionals. We adopt a balanced approach towards all stakeholders when performing our evaluation.
Basis of our opinion

A multi-disciplinary team of sustainability and assurance specialists performed work at headquarters. We undertook the following activities:

- Review of the current sustainability issues that could affect KRC and are of interest to stakeholders;
- Review of KRC’s approach to stakeholder engagement and recent outputs;
- Review of information provided to us by KRC on its reporting and management processes relating to the Principles;
- Conduct interviews with the Chief Executive Officer, Vice President Risk Management, Chief Engineer, Vice President Corporate Counsel, Senior Generalist and Systems Administrator and Senior Vice President Sustainability. They are responsible for areas of management and stakeholder relationships covered by the Report. The objective of these discussions was to understand top level commitment and strategy related to corporate responsibility and KRC’s governance arrangements, stakeholder engagement activity, management priorities, and systems;
- Assess documentation and evidence that supported and substantiated claims made in the Report;
- Review the specified data collated at the corporate level, including data gathered by other parties, and statements made in the Report; and
- Conduct sample-based audits of the processes for generating, gathering, and managing GHG data; and
- Provide feedback on a draft of the report based on our assurance scope.

Inherent Limitations

All assurance engagements are subject to inherent limitations as selective testing (sampling) may not detect errors, fraud or other irregularities. Non-financial data may be subject to greater inherent uncertainty than financial data, given the nature and methods used for calculating, estimating and determining such data.

The selection of different, but acceptable, measurement techniques may result in different quantifications between different entities.

DNV GL’s assurance engagements are based on the assumption that the data and information provided by the client to us as part of our review have been provided in good faith. DNV GL expressly disclaims any liability or responsibility for any decision a person or an entity may make based on this Independent Assurance Statement.

For and on behalf of DNV GL Business Assurance USA, Inc. - April, 2020
Natasha O’Silva
Sr. Consultant and Lead Assurance
Shaun Walden
Technical Reviewer

DNV GL Business Assurance
DNV GL Business Assurance is a global provider of certification, verification, assessment and training services, helping customers to build sustainable business performance.
https://www.dnvgl.us/assurance/
APPENDIX

- Performance Tables
- Green Bond Assurance Statement
2019 EMISSIONS PERFORMANCE

**Scope 1**
- **Emissions (Tonnes)**
  - 2019: 1,088
  - 2018: 3,009
- **Data Coverage (%)**
  - 2019: 100
  - 2018: 100
- **Max Coverage (%)**
  - 2019: 100
  - 2018: 100
- **Total Coverage**
  - 2019: 100
  - 2018: 100
- **Like-for-Like Change (%)**
  - 2019: -6.46%
  - 2018: 0%

**Scope 2 (Location-Based)**
- **Emissions (Tonnes)**
  - 2019: 28,926
  - 2018: 28,926
- **Max Coverage (%)**
  - 2019: 100
  - 2018: 100
- **Total Coverage**
  - 2019: 100
  - 2018: 100
- **Like-for-Like Change (%)**
  - 2019: -3.64%
  - 2018: 0%

**Scope 2 (Market-Based)**
- **Emissions (Tonnes)**
  - 2019: 23,418
  - 2018: 24,926
- **Max Coverage (%)**
  - 2019: 100
  - 2018: 100
- **Total Coverage**
  - 2019: 100
  - 2018: 100
- **Like-for-Like Change (%)**
  - 2019: -0.27%
  - 2018: 0%

**2019 ENERGY PERFORMANCE**

**Managed Assets**

**Office**
- **Absolute Consumption** (MMWh)
  - 2019: 224,241
  - 2018: 214,468
- **Like-for-Like Consumption** (MMWh)
  - 2019: 208,064
  - 2018: 201,204
- **Like-for-Like Change (%)**
  - 2019: -1.90%
  - 2018: -1.41%

**Life Sciences**
- **Absolute Consumption** (MMWh)
  - 2019: 43,720
  - 2018: 51,852
- **Like-for-Like Consumption** (MMWh)
  - 2019: 29,805
  - 2018: 31,290
- **Like-for-Like Change (%)**
  - 2019: -4.74%
  - 2018: -2.13%

**Indirectly Managed Assets**

**Whole Building**
- **Absolute Consumption** (MMWh)
  - 2019: 9,064,538
  - 2018: 8,950,363
- **Like-for-Like Consumption** (MMWh)
  - 2019: 7,091,527
  - 2018: 7,910,026
- **Like-for-Like Change (%)**
  - 2019: -8.01%
  - 2018: -5.25%

**Life Science Assets**
- **Absolute Consumption** (MMWh)
  - 2019: 4,829,527
  - 2018: 5,171,493
- **Like-for-Like Consumption** (MMWh)
  - 2019: 3,717,493
  - 2018: 4,089,506
- **Like-for-Like Change (%)**
  - 2019: 5.45%
  - 2018: 6.07%

1The absolute portfolio includes all buildings owned for any portion of 1/1/2019-12/31/2019. These assets total 14,658,725 square feet. Of these assets, 63.9% are directly managed office assets and 26.6% are indirectly managed office assets. The remaining 9.2% are life science assets, of which 8.6% are directly managed and 91.5% are indirectly managed. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.

2Scope 1 emissions are related to the natural gas consumption of our directly managed properties. Scope 2 emissions are related to the electricity consumption of our directly managed properties. The energy consumption of our indirectly managed properties is part of our Scope 3 emissions, which are not included in this report.

3We utilize the EPA guidelines, via Energy Star Portfolio Manager’s Reporting tool, to generate location-based Scope 1 and Scope 2 emissions data. Full details on how Portfolio Manager calculates greenhouse gas emissions can be found here: https://www.epa.gov/energy/guide-buildings/facility-owners-managers/existing-buildings#useportfolio-manager/understand-metrics/how

4We calculate market-based GHG emissions by subtracting the following from our scope 2 location-based emissions: 1) the emissions of any directly managed building enrolled in a Green-e certified utility program providing a higher proportion of renewable energy and 2) the value of any Green-e certified Renewable Energy Certificates purchased in the reporting year Green-e certified renewable energy and carbon offset products meet the most stringent environmental and consumer protection standards in North America. More information is available at www.green-e.org.

5Energy consumption is calculated via utility bills by our third party utility billing vendor, Goby, or internally by KRC team members. Energy reductions are calculated via comparing the January-December bills for the like for like portfolio. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.
### 2019 WATER PERFORMANCE

#### Managed Assets

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Data Coverage (%)</th>
<th>Like-for-Like Consumption (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Building</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combined Potable Consumption (Direct &amp; Indirect)</td>
<td>121,717</td>
<td>129,000</td>
<td>9.2,197,629</td>
<td>9.2,197,629</td>
</tr>
<tr>
<td>Total Potable Water Consumption - White Building</td>
<td>121,717</td>
<td>129,000</td>
<td>9.2,197,629</td>
<td>9.2,197,629</td>
</tr>
<tr>
<td>Total Recycled Water Consumption Managed Assets</td>
<td>121,717</td>
<td>129,000</td>
<td>9.2,197,629</td>
<td>9.2,197,629</td>
</tr>
</tbody>
</table>

#### Indirectly Managed Assets

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Data Coverage (%)</th>
<th>Like-for-Like Consumption (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parking</td>
<td>50,776</td>
<td>49,002</td>
<td>3.650,270,807</td>
<td>4.037,817</td>
</tr>
<tr>
<td>Total Potable Water Consumption Indirectly Managed Assets</td>
<td>76,327</td>
<td>76,000</td>
<td>3.650,270,807</td>
<td>4,137,817</td>
</tr>
<tr>
<td>Total Recycled Water Consumption Indirectly Managed Assets</td>
<td>8,048</td>
<td>8,125</td>
<td>4,048</td>
<td>4,125</td>
</tr>
<tr>
<td>Total Water Consumption Indirectly Managed Assets</td>
<td>84,375</td>
<td>74,127</td>
<td>3,766,451,807</td>
<td>4,048,817</td>
</tr>
<tr>
<td>Total Potable Water Consumption Whole Office Portfolio</td>
<td>163,178</td>
<td>178,002</td>
<td>182,382</td>
<td>170,964</td>
</tr>
<tr>
<td>Total Recycled Water Consumption Whole Office Portfolio</td>
<td>4,156</td>
<td>4,129</td>
<td>4,146</td>
<td>4,129</td>
</tr>
<tr>
<td>Total Water Consumption Whole Office Portfolio</td>
<td>167,334</td>
<td>182,002</td>
<td>186,538</td>
<td>175,093</td>
</tr>
</tbody>
</table>

#### Life Science

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Data Coverage (%)</th>
<th>Like-for-Like Consumption (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potable Common Areas</td>
<td>27,062</td>
<td>29,230</td>
<td>1,739,606</td>
<td>2,156,247</td>
</tr>
<tr>
<td>Total Potable Water Consumption Life Science Assets (Indirectly &amp; Directly Managed)</td>
<td>41,276</td>
<td>29,280</td>
<td>1,739,606</td>
<td>2,156,247</td>
</tr>
<tr>
<td>Total Water Usage Life Portfolio</td>
<td>148,846</td>
<td>282,802</td>
<td>14,754,636</td>
<td>15,223,486</td>
</tr>
<tr>
<td>Total Recycled Water Percentage Whole Portfolio</td>
<td>1,007</td>
<td>1,005</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

#### Absolute Consumption

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Data Coverage (%)</th>
<th>Like-for-Like Consumption (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Building</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>129,000</td>
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</tr>
</tbody>
</table>

#### Like-for-Like Consumption

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>Data Coverage (%)</th>
<th>Like-for-Like Consumption (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whole Building</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>129,000</td>
<td>9.2,197,629</td>
<td>9.2,197,629</td>
</tr>
</tbody>
</table>

### 2019 WASTE PERFORMANCE

#### Managed Assets

<table>
<thead>
<tr>
<th></th>
<th>2018 Weight (Tons)</th>
<th>2019 Weight (Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Weight of All Waste (Total)</td>
<td>4,963</td>
<td>4,677</td>
</tr>
<tr>
<td>Diverted</td>
<td>46.2%</td>
<td>51.7%</td>
</tr>
<tr>
<td>% Managed portfolio covered</td>
<td>100.0%</td>
<td>98.3%</td>
</tr>
</tbody>
</table>

#### Indirectly Managed

<table>
<thead>
<tr>
<th></th>
<th>2018 Weight (Tons)</th>
<th>2019 Weight (Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Weight of All Waste (Total)</td>
<td>2,966</td>
<td>2,579</td>
</tr>
<tr>
<td>Diverted</td>
<td>32.7%</td>
<td>21.2%</td>
</tr>
<tr>
<td>% Indirectly Managed portfolio covered</td>
<td>0.0%</td>
<td>0.8%</td>
</tr>
</tbody>
</table>

#### Life Science

<table>
<thead>
<tr>
<th></th>
<th>2018 Weight (Tons)</th>
<th>2019 Weight (Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Weight of All Waste (Total)</td>
<td>943</td>
<td>923</td>
</tr>
<tr>
<td>Diverted</td>
<td>26.4%</td>
<td>32.8%</td>
</tr>
<tr>
<td>% Life Science Portfolio Covered</td>
<td>100.0%</td>
<td>92.7%</td>
</tr>
</tbody>
</table>

#### Whole Portfolio

<table>
<thead>
<tr>
<th></th>
<th>2018 Weight (Tons)</th>
<th>2019 Weight (Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Weight of All Waste (Total)</td>
<td>8,772</td>
<td>7,874</td>
</tr>
<tr>
<td>Diverted</td>
<td>50.6%</td>
<td>58.5%</td>
</tr>
<tr>
<td>% Whole Portfolio Covered</td>
<td>100.0%</td>
<td>98.8%</td>
</tr>
<tr>
<td>Landfill</td>
<td>59.4%</td>
<td>41.5%</td>
</tr>
<tr>
<td>Diverted - Recycling</td>
<td>23.2%</td>
<td>23.7%</td>
</tr>
<tr>
<td>Diverted - Compost</td>
<td>16.2%</td>
<td>16.8%</td>
</tr>
</tbody>
</table>

---

1. Water consumption is calculated via utility bills by our third party utility billing vendor, Goby, or by the internal KRC team. Water reductions are calculated via comparing the January-December bills for the like for like portfolio. Buildings are excluded from the like for like portfolio if they were bought or sold within the current or previous reporting period, or stabilized in the reporting period.

2. In both 2018 and 2019, our reported reclaimed water was all municipally-supplied and the information on the amount of reclaimed water was taken from our utility bills. We are currently unable to track the volume of our two onsite rainwater collection systems.

3. According to the EPA, we have restated our 2018 and 2019 44.5% diversion to 41.5% because in 2017 and 2018, we were able to get access to our recycling data associated with document shredding. Unfortunately, we were unable to obtain this data for 2019, so we removed the recycling shred data from our 2018 diversion rate to provide a like-for-like comparison between the years.
KILROY REALTY CORPORATION GREEN BOND

DNV GL ASSURANCE OPINION

Scope and objectives

Kilroy Realty Corporation ("KRC" or "Issuer") has issued a $400 million bond in USD with ISIN: US549427RA26 in USD (henceforth referred to as "BOND"). KRC has submitted the BOND to DNV GL Business Assurance Pty Ltd ("DNV GL") for Pre and Post Issuance Verification against the Climate Bonds Standard (CBS).

KRC intended to use the proceeds of the BOND to finance a nominated projects and assets falling under the following categories:

- Low Carbon Buildings – Commercial

DNV GL Business Assurance USA, Inc (henceforth referred to as "DNV GL") has been commissioned by KRC to provide verification of the BOND as an independent and approved verifier under the Climate Bonds Standard. Our criteria and information covered to achieve this is described under ‘Work Undertaken’ below.

No assurance is provided regarding the financial performance of the BOND, the value of any investments in the BONDS, or the long term environmental benefits of the transaction. Our objective has been to provide an assessment that the BOND has met the criteria of the Climate Bonds Standard and the associated Technical Criteria on the basis set out below.

The scope of this DNV GL opinion is limited to the Climate Bonds Standard Version 2.1 and the following associated Sector Technical Criteria:

- Low Carbon Buildings – Commercial

Responsibilities of the Management of KRC and DNV GL

The management of KRC has provided the information and data used by DNV GL during the delivery of this review. Our statement represents an independent opinion and is intended to inform KRC management and other interested stakeholders in the BOND as to whether the established criteria have been met, based on the information provided to us. In our work we have relied on the information and the facts presented to us by KRC. DNV GL is not responsible for any aspect of the nominated assets referred to in this opinion and cannot be held liable if estimates, findings, opinions, or conclusions are incorrect. Thus, DNV GL shall not be held liable if any of the information or data provided by KRC’s management and used as a basis for this assessment were not correct or complete.

Basis of DNV GL’s opinion

DNV GL has conducted the verification against the CBS v2.1 and associated Sector Technical Criteria through the creation and execution of a verification protocol addressing each requirements of the CBS.
Findings and DNV GL’s opinion

DNV GL has performed the Pre and Post Issuance Verification of the KRC Green Bond with ISIN: US49427RAN26. It is DNV GL’s responsibility to provide an independent verification statement on the compliance of the KRC Green Bond with the Climate Bonds Standard.

DNV GL conducted the verification in accordance with the Climate Bonds Standard Version 2.1 and with International Standard on Assurance Engagements 3000 Assurance Engagements other than Audits or Reviews of Historical Information. The verification included i) checking whether the provisions of the Climate Bonds Standard were consistently and appropriately applied and ii) the collection of evidence supporting the verification.

DNV GL’s verification approach draws on an understanding of the risks associated with conforming to the Climate Bonds Standard and the controls in place to mitigate these. DNV GL planned and performed the verification by obtaining evidence and other information and explanations that DNV GL considers necessary to give limited assurance that the KRC Green Bond meets the requirements of the Climate Bonds Standard.

Based on the limited assurance procedures conducted, nothing has come to our attention that causes us to believe that the KRC Green Bond is not, in all material respects, in accordance with the Pre and Post Issuance requirements of the Climate Bonds Standard Version 2.1 and Associated Commercial Low Carbon Buildings Criteria. DNV GL acknowledges that the Climate Bonds Standard Version 2.1 and associated Low Carbon Buildings Criteria meets and exceeds the criteria set out in the Green Bond Principles 2018 for DNV GL Business Assurance USA, Inc

Oakland, 29 March 2019

Mark Robinson
Manager, Sustainability Services
DNV GL – Business Assurance

Natasha D’Silva
Senior Consultant, Sustainability & Supply Chain Services
DNV GL – Business Assurance

About DNV GL

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organisations to advance the safety and sustainability of their business. Combining leading technical and operational expertise, risk methodology and in-depth industry knowledge, we empower our customers’ decisions and actions with trust and confidence. We continuously invest in research and collaborative innovation to provide customers and society with operational and technological foresight. With our origins stretching back to 1864, our reach today is global. Operating in more than 100 countries, our 15,000 professionals are dedicated to helping customers make the world safer, smarter and greener.

Page 3 of 6
### SCHEDULE 2: VERIFICATION CRITERIA

Summary criteria for assertions of compliance with the Climate Bonds Standard v2.1

Criteria against which KRC and its nominated projects and assets have been reviewed prior to inclusion in the Bond are grouped under the requirements as detailed within the Climate Bonds Standard Version 2.1 including:

1. General Requirements

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Nomination</td>
<td>The Climate Bond issued must specify the project collateral or physical assets with which it is associated</td>
</tr>
<tr>
<td>Use of Proceeds</td>
<td>Proceeds must be allocated to Nominated Project(s)</td>
</tr>
<tr>
<td>Non-Contamination</td>
<td>Issuers are permitted a grace period to allocate or re-allocate funds to Nominated Project(s)</td>
</tr>
<tr>
<td>Confidentiality</td>
<td>The information disclosed to the Verifier and the Climate Bonds Standards Board may be subject to confidentiality arrangements</td>
</tr>
<tr>
<td>Reporting</td>
<td>Reporting on use of proceeds and nominated projects and assets</td>
</tr>
</tbody>
</table>

5. Low Carbon Contribution - Eligible projects and physical assets

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Carbon Buildings (Commercial)</td>
<td>If a city baseline is available for setting emissions intensity performance benchmarks for Green Buildings, that option must be used to demonstrate compliance.</td>
</tr>
</tbody>
</table>

For San Francisco, the emissions intensity performance benchmark (base building) for a Bond term of 2018 to 2018 is 9.74 kgCO₂e/m²/yr as per the CBI Low Carbon Buildings Calculator. To qualify, the nominated projects and assets must have an emissions intensity below this benchmark.

### Part C: Bond structures

<table>
<thead>
<tr>
<th>Area</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Holding</td>
<td>The issuer of a Corporate Climate Bond with Nominated Projects linked to a portfolio of assets must hold eligible assets at least equal to the Fair Market Value at the time of issuance of the original principal</td>
</tr>
<tr>
<td>Settlement Period</td>
<td>Climate Bond issuing entities must demonstrate that the proceeds of a Climate Bond have been allocated to the Nominated Project(s) within 24 months after the bond is issued</td>
</tr>
<tr>
<td>Earmarking</td>
<td>The issuer of the bond shall maintain the earmarking process to manage and account for funding Nominated Projects &amp; Assets</td>
</tr>
</tbody>
</table>

WHERE INNOVATION WORKS