



OurCounty

Discussion Draft

Los Angeles Countywide Sustainability Plan



Acknowledgments

OurCounty would not have been possible without the hard work and support of a large number of people from within the County of Los Angeles and throughout the community. In particular, we are grateful for the leadership of the members of the Board of Supervisors who have made sustainability a priority in the County. Thank you to the members of the County's Sustainability Council—staff from every County department—for being dedicated partners in this process and for fueling the engine of sustainability at the County. Additionally, we are thankful to the members of the more than three hundred organizations—community, environmental, academic, government, business and Native tribes—for sharing their knowledge and wisdom.

To the anchor community-based organizations, East Yard Communities for Environmental Justice, Strategic Concepts in Organizing and Policy Education, Pacoima Beautiful, Communities for a Better Environment and Day One, we are thankful for your leadership, vision and partnership in this project and for your decades of work holding governments accountable to environmental justice communities. A special thank you to the Peer Review Committee for lending their expertise to the review process.

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We are grateful for the partnerships we have formed with cities and councils of government throughout the county who helped shape the plan and who will help bring our collaborative and coordinated vision to reality. We would especially like to thank our peers at the City of Los Angeles Mayor's Office, specifically the Chief Sustainability Office and the Chief Resilience Office for their collaborative spirit. We would also like to thank Walker Wells and Eleni Petrow—both formerly of Global Green USA—as well as Tamika Butler at Toole Design for her thought leadership.

Finally, we are also indebted to our consulting team that is led by BuroHappold Engineering and the University of California, Los Angeles (UCLA) and is supported with subject-matter experts from the Liberty Hill Foundation, Estolano LeSar Advisors, Fehr & Peers, Gladstein, Neandross & Associates, Studio-MLA and Raimi + Associates.



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Foreword



April 5, 2019

Dear Friends,

Just over two years ago, I was appointed the County's first Chief Sustainability Officer with the objective of developing a countywide sustainability plan. This plan was built from the ideas of people living and working throughout the region, especially those who are most at risk of harm due to the environmental impacts of climate change and have historically experienced the greatest burdens from a variety of social and environmental challenges.

As we prepare for this endeavor, we take inspiration from the actions of our predecessors who boldly took on some big issues of their own, such as Los Angeles' horrendous air pollution—pollution that I endured as a child growing up in Van Nuys in the smoggy 1960s and 1970s. Just as we have inherited a more sustainable region from those who came before us, our actions today will define the region that our children inherit.

Many residents across the County face real challenges today, from disproportionate exposure to air pollution, to lack of access to economic opportunities, to community disinvestment. While we have made progress in addressing many of our region's challenges, we have a shared responsibility to address these inequities and increase community resilience.

I firmly believe that our collaborative and innovative spirit will help us find creative solutions that balance the co-equal values of environment, equity and economy. I also know from experience that government, when working collectively with partners, can affect real positive change in our communities. We have an opportunity not only to amplify the good work that is already under way in the County and in many cities, but also to set the County of Los Angeles on a more just and sustainable path for generations to come.

We have already made strides in that direction, with the adoption of the most stringent cool roofs ordinance in Los Angeles and—perhaps most notably—establishing the Clean Power Alliance that is today providing cleaner electricity to 3 million people. We have also joined other counties, states and cities in committing to the goals of the Paris Climate Agreement. The OurCounty plan will continue that progress with your help and support.

I know we can achieve this plan. But, achieving it will require a commitment from the County government and from community leaders, individuals, businesses, institutions, community and non-profit organizations, philanthropic partners and public agencies throughout the region. We are tremendously proud of the hundreds of people and organizations who have already come together in what Dr. Martha Matsuoka of Occidental College called the start of a movement toward a truly just, equitable and sustainable region.

I welcome you to this movement to build our shared vision of becoming a global leader in sustainability—and sharing the benefits of that effort with each and every one of our 10 million neighbors.

Kindly,

Gary Gero

Los Angeles County Chief Sustainability Officer



Outlining a bold, inclusive
and truly regional vision
for the present and future
generations of Los Angeles.

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Introduction



Los Angeles county is blessed with an abundance of cultural richness and diversity that makes it one of the most dynamic, creative and innovative places in the world. It is the most populous and among the most diverse counties in the nation, with over 10 million people who collectively speak over 200 languages. It is the largest manufacturing center in the United States, and its economic output is similar in size to that of Mexico or Indonesia. It is rich in natural beauty, with a great variety of landscapes – including forests, deserts, mountains, waterways, islands and 75 miles of coastline.

People have inhabited the region for more than 10,000 years and for most of that time, it was the land of the Chumash, Tongva and Tataviam native tribes. There are more Native Americans living in Los Angeles than in any other U.S. county. The urbanized region we know today grew quickly around aerospace and industrial production during World War II. This led to migration from other states, which was soon followed by a surge in international migration during the 1970s. This history of migration contributed to the diverse region we enjoy today.

However, that growth was also accompanied by sprawling development patterns that were the result of cheap land and vast single family subdivisions. As LA county continued to grow, so did its dependence on the automobile, which directly and indirectly led to a host of social, environmental and health issues.

Furthermore, Los Angeles has a well-documented history of exclusionary zoning, racial covenants, and the siting of industrial and toxic uses in communities of color, which created the conditions for low income communities in the Los Angeles region to be disproportionately affected by conditions like polluted stormwater runoff, contaminated aquifers, and the lack of access to parks and open space. These communities suffer from cumulative impacts of concurrent exposure to contaminated soil, criteria air pollutants, toxic air contaminants, and the consequences of inadequate and unmaintained infrastructure.

Currently, LA county is home to 88 independent cities—most having 60,000 residents or fewer—and nearly 150 unincorporated communities. Now more than ever, the County is facing environmental challenges that threaten our communities. For

example, climate change – which is largely caused by the burning of fossil fuels for energy and transportation – is already creating more frequent, longer and more intense heat waves, longer droughts punctuated by more significant rain storms, more severe wildfires, rising sea levels and an increase in the presence of organisms that transmit infectious diseases. **We must address multiple environmental challenges to ensure that our land and resources will continue to sustain us and that current residents and future generations can thrive in place.**

Fortunately, efforts to address LA’s environmental challenges are well underway. The local economy already shifting toward more environment-friendly industries and practices. County government has a responsibility to support this economic transition and the impacted workers. Some county residents have access to every imaginable opportunity and assume all the privileges of living in one of the world’s richest economies—yet there are many more who face the risk of being excluded from the a rapidly changing economy. We can leverage the transition as a chance to reduce economic inequality across the region and develop a robustly diverse workforce. **We must support a just transition from a fossil fuel-based economy to an inclusive clean economy, and provide all residents with access to a high quality of life including fulfilling work.**

Improving access to economic opportunity will not, however, fully resolve inequitable social and health outcomes, such as asthma rates that are disproportionately higher among Black and Latino

residents in LA county as compared to White residents. Many of these inequities result from centuries of unjust policies and practices that disproportionately expose people of color to harm. The practice of building industrial facilities near majority Black and Latino communities, for example, continues to expose residents of those communities to hazardous amounts of air pollution. **We must ensure all residents have access to resources that are crucial to their well-being throughout their lifetime, including dignified housing, clean air and convenient access to affordable fresh and healthy food.**

Given the breadth, diversity and complexity of this region and its people, the only way to effect meaningful, equitable and sustainable change is through coordinated local action. The task of developing a sustainability plan serves as an opportunity to simultaneously address each of these issues: protecting the environment, improving economic opportunity and advancing equity.

Just how large is Los Angeles county?

Los Angeles county is the most populous in the country, with an estimated 10.3 million residents as of 2018. The next most populous is Cook county in Illinois, which includes Chicago and has a population of 5.2 million.

To put that in perspective, 1 out of 4 Californians and 1 in 33 Americans lives within Los Angeles county. If we were our own state, we would be the tenth most populous in the U.S., surpassing Michigan, New Jersey and Virginia.

In terms of physical geography, Los Angeles county includes 4,084 square miles—roughly the size of Hawaii’s Big Island and larger than the countries of Lebanon, Qatar and Jamaica.

Our size and complexity mean that Los Angeles county faces unique governance challenges that exist nowhere else—but we also have enormous opportunities to enact sustainability solutions at both the local and regional scale.

What is OurCounty?

OurCounty is a regional sustainability plan for Los Angeles.

OurCounty focuses on people. It outlines what local governments and stakeholders can do to enhance the well-being of every community in the county while reducing damage to the natural environment and adapting to the changing climate. It aims to ensure that all county residents live in vibrant, resilient places where they can take advantage of a range of opportunities for personal and professional fulfillment. The plan envisions streets and parks that are accessible, safe and welcoming to everyone; air, water and soil that is clean and healthy; affordable housing that enables all residents to thrive in place; and a just economy that runs on renewable energy instead of fossil fuels.

Over a million of the county's residents live on land that is not within the boundaries of an incorporated city. These residents comprise the unincorporated communities of Los Angeles county, which spread across 2,600 square miles, or two-thirds of the county's land area. In unincorporated areas, the County holds many governing powers that would otherwise be held by city governments, such as decision-making around how the land can be used. OurCounty will help guide decision-making in these unincorporated areas and will provide a model for decision-making in the 88 incorporated cities.

Creating a sustainable and equitable county is a collective responsibility that requires regional action. We will work to transcend historic and entrenched divisions and form powerful alliances, creating a county in which values of sharing and respect are fundamental. We recognize that a comprehensive plan of this scale has never been tried. We do not rely on any one template or specific precedent. Instead OurCounty lays the foundation for a new model for a truly regional plan predicated on collaborative and coordinated local action.

Equity

OurCounty envisions a future where all residents throughout the region benefit from flourishing, pollution-free natural and built environments, regardless of race, gender, sexual orientation, or income. Our built environments will be designed for people, enabling residents to thrive in place and be socially connected to others within their communities. Everyone will have access to the basic resources necessary for long, healthy and fulfilling lives – including dignified housing and employment, healthy food, safe water and clean air. Achieving this future requires both an intentionality to identify communities and/or populations who have disproportionate need because of historic burdens, and a commitment to satisfy those needs and rectify the inequities. Righting those historic wrongs is essential to an equitable future. We further define equity and discuss its role in OurCounty on page 12.

Environment

OurCounty will protect and enhance the vitality and integrity of our diverse ecosystems. Our rich biodiversity, parks and open spaces, water resources and productive lands will provide all residents with benefits such as clean air, space for recreation and restoration, clean water, flood protection, wildlife protection and healthy local food. Stewarding millions of acres of public lands from forests, to the desert, to the spectacular coastline, the County will integrate nature and the built environment, ensure that native flora and fauna thrive, and provide walkable access to healthy and vibrant park, open spaces and natural areas to all communities through innovative planning, design and programming.

Economy

No community is truly sustainable without economic opportunity for all. All residents will have the requisite training, skills and job access needed to prosper and flourish in the new, regenerative economy. As we move from extractive industries towards sustainable production, we will simultaneously seek to grow the number of jobs, ensure living wages, and redress the historical inequities that have restricted employment opportunities for marginalized individuals and communities. Our new economy will be built on local

skills, embracing new technologies as well as time-honored trades, and providing skill retraining to ensure workers remain competitive in the workforce. Finally, the transition to renewable energy presents an opportunity to create a sustainable economy that generates wage growth and new jobs. We can manage a just economic transition that benefits historically impacted communities, rather than harming them.

How is OurCounty related to the Climate Action and Adaptation Plan?

In addition to OurCounty, the County will subsequently develop a Climate Action and Adaptation Plan. The County's current Community Climate Action Plan was adopted by the Board of Supervisors in 2015 as part of the update of the General Plan and expires in 2020. The new Climate Action and Adaptation Plan will align with

OurCounty, but differs in that it will be an enforceable document amended into the County's General Plan and will go through a formal environmental review process. The Climate Action and Adaptation Plan will apply to unincorporated communities only.



What do we mean by Equity?

Equity is an end state in which all groups have access to the resources and opportunities necessary to improve the quality of their lives. OurCounty uses the following framework:

Procedural Equity – inclusive, accessible, authentic engagement and representation in processes to develop, or implement sustainability programs and policies.

- Example: OurCounty is actualizing procedural equity through its work with community-based organizations to engage stakeholders in the development and implementation of OurCounty's goals, strategies and actions.

Distributional Equity – sustainability programs and policies result in fair distribution of benefits and burdens across all segments of a community, prioritizing benefits to those communities with highest need.

- Example: Departments will advance distributional equity by assessing communities with a lack of resources and opportunities and prioritizing capital investments and services to those historically impacted communities.

Structural Equity – sustainability decision-makers institutionalize accountability; decisions are made with a recognition of the historical, cultural and institutional dynamics and structures that have routinely benefited privileged groups and resulted in chronic, cumulative disadvantage for subordinated groups.

- Example: Structural equity is embedded into OurCounty through its commitments to regularly report on implementation efforts and promote transparent, inclusive decision-making.

Transgenerational Equity – sustainability decisions consider generational impacts and don't result in unfair burdens on future generations.

- Example: OurCounty actions will provide near- and long-term social, environmental and economic benefits.

The above principles will help ensure that OurCounty sustainability efforts have equitable impacts—but we must also deal with the inequities that already exist. In acknowledgment that structural racism has harmed people of color across all categories of social and physical well-being, OurCounty is aimed at achieving an end state in which race can no longer be used to predict life outcomes, such as educational attainment, employment, or health status. Strategies and actions throughout this document have been and continue to be developed with racial equity as a central consideration.

Historically Impacted Communities and Vulnerable Populations

Centering Community Needs

In order to create a healthy and resilient Los Angeles county where every resident can thrive in place, we must confront our history of inequity and injustice toward specific groups of people v their race, income level, or other shared characteristics. Policies and practices such as redlining and racially and ethnically restrictive covenants have burdened many communities with undue exposure to harm, or limited opportunities and resources, such as access to jobs, high quality transit, nutritious food, parks and open space. OurCounty centers the perspectives, needs and priorities of these communities.

Members of these communities often suffer poor health or social outcomes stemming from these systematic inequities and injustices. Many of the plan's strategies and actions focus on changes that can be made across the county to improve health and social outcomes among these historically impacted communities. The set of communities may vary by issue, based on which communities are most impacted—but will often include Black, Latino, Native and low-income communities. In many cases, an effort to improve outcomes will begin with an assessment of which communities are affected and will be advanced through County-community partnerships to develop tailored solutions.

Terminology

In this document, we use a variety of terms when referring to historically impacted communities, including "low-income communities and communities of color" where appropriate. We also use the term "disadvantaged communities," which aligns with the definitions used by the State of California and other entities. One way that the State identifies the "disadvantaged" geographic areas which most suffer from a combination of economic, health and environmental burdens is through the use of an analytical tool called the California Communities Environmental Health Screening Tool, better known as CalEnviroScreen.

We also sometimes refer to "vulnerable" populations when discussing broader population groups which are sometimes but not always geographically defined and face the greatest risks from chronic stresses and acute shocks. These include, but are not limited to, youth, older adults, women, LGBTQ+ individuals, documented and undocumented immigrants, people with disabilities and chronic illnesses, people experiencing homelessness, victims of domestic violence and human trafficking, people experiencing linguistic isolation, outdoor workers and those with limited access to transportation, critical infrastructure and municipal services.

Introduction

How was this Discussion Draft developed?

The Los Angeles County Board of Supervisors established the Chief Sustainability Office in 2016 to create a vision for making our communities healthier, more equitable, economically stronger, more resilient and more sustainable. The Chief Sustainability Office—with the help of stakeholders and an interdisciplinary team of consultants—is spearheading the creation of OurCounty.

From the beginning of the process, we strove to create a proactive dialogue with community stakeholders about which issues to address in OurCounty and how to address them, bucking the traditional approach of government developing a plan and having the public subsequently react to a completed draft. Over the past 18 months, we have held more than 150 meetings to ask what stakeholders wanted to see in the plan. We talked with individuals, environmental groups, labor, community and neighborhood organizations, businesses and business associations and many others. A summary of stakeholder engagement activities to-date is included below. Additionally, detailed summaries with key recommendations, notes, presentations and briefing documents from the workshops are available for download at OurCountyLA.org. What we heard during these various stakeholder engagement opportunities strongly informed this Discussion Draft document.

Kick-Off Events

The LA County Chief Sustainability Office formally launched the countywide sustainability planning effort in November 2017 in front of more than 100 community leaders at the Natural History Museum and we hosted a dedicated meeting for city sustainability staff on Earth Day 2018.

Public, Private and Nonprofit Stakeholder Workshops

We convened stakeholders from across the county in Summer and Fall 2018 to inform the development of goals and strategies in OurCounty. We and our partners hosted two parallel workshop series; one convened non-profit sector stakeholders, while another brought together public and private sector stakeholders. While each workshop was organized around a specific topic area, the discussions focused on the interconnection between topics to draw out the cross-cutting nature of these issues. Over 600 total attendees from nearly 300 unique organizations shared their vision for OurCounty and their ideas on how to bring that vision to life.

What is a Discussion Draft?

This document is a Discussion Draft that presents the goals, strategies, actions and targets that the County of Los Angeles is considering for inclusion in the regional sustainability plan known as OurCounty. The purpose

of this document is to solicit public feedback, which will be gathered through May 2019 and incorporated into a finalized document that will be presented to the Board of Supervisors for approval over the summer.

Anchor Community-Based Organizations

The Chief Sustainability Office and the Liberty Hill Foundation are working with an “anchor” community-based organization (CBO) in each of the five Supervisorial Districts to support the stakeholder engagement process:

- Supervisorial District 1—East Yard Communities for Environmental Justice (EYCEJ)
- Supervisorial District 2—Strategic Concepts in Organizing and Policy Education (SCOPE)
- Supervisorial District 3—Pacoima Beautiful
- Supervisorial District 4—Communities for a Better Environment (CBE)
- Supervisorial District 5—Day One

The CBO anchors are playing an important role in facilitating workshops, uplifting equity in the planning process and ensuring that policy discussions are inclusive of the perspectives of historically impacted communities. With generous financial support from the Hilton Foundation, California Community Foundation, the Liberty Hill Foundation and the

Funders Network for Smart Growth and Livable Communities (in the form of a Partners for Places grant), we were able to financially support the anchor organizations and the engagement of many community organizations in the planning effort. Including the CBOs in the development process helped ensure that OurCounty would address distributional, structural, transgenerational and racial equity.

Presentations

The LA County Chief Sustainability Office and its partners delivered a series of presentations to business, civic and community organizations across the region from the latter half of 2017 and we will continue to do so through 2019. We met with organizations such as the Los Angeles Area Chamber of Commerce, the Empowerment Congress, the OurParks coalition, Valley Industry Commerce Association, Los Angeles Business Council, Southern California Association for Non-Profit Housing, Los Angeles Cleantech Incubator Leadership Council, Los Angeles Funders Collaborative, Association of Energy Engineers, American Institute of Architect’s Los Angeles Chapter, among many others.



Introduction

How to read this plan

What we heard through stakeholder engagement activities was that OurCounty must go beyond traditional boundaries to achieve sustainable outcomes and reach across the usual topic areas to consider the interrelated connections between all of them. In that spirit. So you will notice that this plan is not organized around specific topic areas. There is no climate change chapter nor is there a water chapter. Instead, OurCounty is organized around twelve cross-cutting goals that describe our shared vision for a sustainable Los Angeles county.

This approach embraces the notion that sustainability is inherently intersectional; in other words, there is very little in this world that does not affect something else. For example, an action to support local water supplies can provide new or improved parks and open space, while also reducing energy from pumping water into Los Angeles from hundreds of miles away. Reducing energy use also reduces air and climate pollution as power plants are used less, which also contributes to improved public health. By

focusing on broad, aspirational and cross-cutting goals, we are challenging ourselves to think beyond our current barriers to action—whether they be technological, political, or bureaucratic—and embrace positive change.

When OurCounty is approved and adopted, the lead County entities and partners identified will work expeditiously to bring these 12 goals, 37 strategies and 148 actions within this document to fruition. Targets will guide the scope and scale of our actions to make demonstrable progress towards achieving sustainable outcomes and the County will publish an interactive online dashboard with selected key performance indicators to track progress (the selection of indicators is still in progress as of April 2019).

The actions are not the only tools, programs and policies that can be developed to accomplish the goals. But the actions chosen for this Plan are rooted in data, supported by stakeholders and representative of the County government's areas of control and/or influence.

OurCounty's Organizing Elements

Goals (12)

Broad, aspirational statement of what we want to achieve

Strategies (37)

Long-range approach or approaches that we take to achieve a goal*

Actions (148)

Specific policy, program, or tool we take to support a strategy*

Performance Monitoring

Targets

Levels of performance

Indicators

Quantitative measures that are used to assess performance

*Strategies may support multiple goals and actions may support multiple strategies

How to Read an Action

Action:

Each action describes the policy, program, or tool that the County will deploy to support the goals and strategies. The number does not imply order of priority.

Horizon

Actions are characterized as having short-term (by year 2025), medium-term (by year 2035), or long-term (by year 2045) implementation horizons. In some cases they may span multiple time periods.

Sphere of Influence:

The County can directly influence actions relating to County operations and unincorporated areas. It can also indirectly influence other municipal, regional, and State policy and programs. Some actions touch upon both Direct Control and Indirect Control.

• **Action 14:** Complete development and implementation of the Green Zones program.

Horizon:	Short Term
Sphere of influence:	Direct Control
Lead County entity:	Department of Regional Planning
Partners:	DCBA, TTC
Topics:	Air Quality, Equity, Land Use, Landscapes & Ecosystems, Public Health, Waste & Resource Management

Partners

Implementation partner or partners who will be working with Lead County entities. Acronyms have been used to save space and are listed in the Appendix.

Lead County entity

Agencies or other County entities overseeing implementation of the action.

Topic Tags*

Given the innovative nature of our plan organization, we are reflecting connections to topic areas as "tags" on each action. In the web version, these are interactive.

Introduction



Goal 1: Resilient and healthy community environments where residents thrive in place



Goal 2: Buildings and infrastructure that support human health and resilience



Goal 3: Equitable and sustainable land use and development without displacement



Goal 4: A prosperous LA county that provides opportunities for all residents and businesses and supports the transition to clean economy sectors



Goal 5: Thriving ecosystems, habitats and biodiversity



Goal 6: Accessible parks, beaches, recreational waters, public lands and public spaces that create opportunities for respite, recreation, ecological discovery and cultural activities



Goal 7: A fossil fuel-free LA county



Goal 8: A convenient, safe, clean and affordable transportation system that expands mobility while reducing car dependency



Goal 9: Sustainable production and consumption of resources



Goal 10: A sustainable and just food system that enhances access to affordable, local and healthy food



Goal 11: Inclusive, transparent and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities



Goal 12: A commitment to realize OurCounty sustainability goals through creative, equitable and coordinated funding and partnerships

OurCounty's Commitment to Implementation and Accountability

We are proud that this plan is both comprehensive and ambitious, but recognize that we must proactively work to implement these actions in order to meet the goals of OurCounty.

To do that, the County commits to the following:

- Advocating for state and federal legislation and resources aligned with OurCounty goals and strategies;
- Applying a sustainability lens to the County's budget;
- Actively seeking funding to support plan implementation, including state and federal grants, and philanthropic resources;
- Working across County departments and with other partners to help prioritize actions, oversee progress, and to identify and resolve any barriers to implementation;
- Actively engaging stakeholders to identify opportunities for collaboration and partnership, and to understand and resolve concerns; and
- Assisting cities in their own efforts to implement elements of the plan

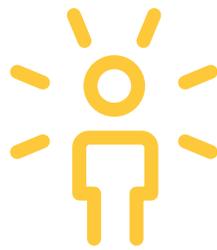
We also recognize that many of OurCounty's actions involve the commissioning of new assessments and/or detailed action plans. We also commit to activating those studies and plans.

Additionally, to make sure that Los Angeles County is accountable to the public, we commit to the following:

- Creating a publicly-available, online dashboard that displays up-to-date data and information on the County's progress towards achieving the targets;
- Regularly reporting on implementation progress in social media, newsletters, and other communication channels;
- Meeting with stakeholders to discuss the implementation of the plan, identifying both successes and failures; and
- Preparing an annual report to the Board of Supervisors that openly and honestly describes plan progress and/or barriers to progress, and that identifies and recommends solutions to those obstacles.

The County's Chief Sustainability Office will be the lead for coordinating these commitments.

Goal 1: Resilient and healthy community environments where residents thrive in place



It is essential for individuals and communities to have clean air, water and soil, as well as to feel safe and secure in their daily lives. Los Angeles county, like much of the United States, has a long history of discriminatory public policy that has led to housing and land use patterns in which low-income communities and communities of color are disproportionately burdened by pollution exposure, affordability challenges and diminished access to economic opportunity, parks and open space.

One of the most egregious practices was that of “redlining.” This government-supported practice exacerbated inequity by prioritizing home loans in desirable areas for white homeowners, driving away minority families and leaving them with fewer pathways to home ownership, economic security and the ability to adapt to shocks and stresses such as the impacts from climate change. Zoning, one of the most powerful policy tools available to local governments, has been used to prevent historically impacted communities from moving into desirable areas. One example of this is the placing of physical and land use-based restrictions on the types of housing and amenities that could be built within those areas.

OurCounty will support thriving places for current and future generations by working to eliminate inequities and support stronger, more resilient and inclusive communities.

How will we work towards achieving this goal?



Strategy 1A

Minimize the exposure of vulnerable populations to pollution

Strategy 1B

Develop land use tools that will help address adverse, cumulative pollution impacts on residential and sensitive uses through rigorous community engagement

Strategy 1C

Increase housing affordability

Strategy 1D

Ensure household utility affordability

Strategy 1E

Ensure access to safe, clean and affordable water

Strategy 1F

Develop community capacity to respond to emergencies

Goal 1: Resilient and healthy community environments where residents thrive in place



Strategy 1A	Targets
<p>Minimize the exposure of vulnerable populations to pollution</p> <p>Energy-intensive and polluting facilities such as refineries, rail yards, factories and highways are often located in close proximity to low-income communities and communities of color in LA county. These communities face elevated health risks from pollutant exposure and have historically been over-burdened and under-resourced.</p> <p>OurCounty will set a framework for long-term policies to better protect these communities from pollution and reduce health inequities, with short-term and medium-term actions that support these goals.</p>	<p>Countywide:</p> <p>2025</p> <ul style="list-style-type: none"> Decrease childhood asthma prevalence to 6.8% (from 7.5% in 2015) Decrease average on-road diesel particulate matter emissions to 80% below 2017 levels <p>2035</p> <ul style="list-style-type: none"> Decrease childhood asthma prevalence to 6.0% Decrease average on-road diesel particulate matter emissions to 100% below 2017 levels Reduce toxicity-weighted concentrations of emissions in disadvantaged communities by 40% <p>2045</p> <ul style="list-style-type: none"> Decrease childhood asthma prevalence to 5.0% Reduce toxicity-weighted concentrations of emissions in disadvantaged communities by 80%

Existing Action Highlight: Equity Indicators Tool

<p>As directed by the Board of Supervisors, the Department of Regional Planning (DRP) is creating an Equity Indicators Tool to help promote equity in the implementation of the County’s General Plan. The tool will help collect and map information throughout LA county using ten indicators: educational attainment,</p>	<p>income, unemployment, homeless count, housing cost burden, pollution burden, overcrowding, school quality, high segregation and poverty and park need. The tool will help provide reports to serve County and community needs, such as prioritizing vulnerable communities and strategic community engagement approaches.</p>
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Action 1: Limit siting of new sensitive uses, such as playgrounds, daycare centers, schools, residences, or medical facilities, within 500 feet of freeways.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CDC, DPH
Topic Tags	Air Quality, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water

Action 2: Expand the minimum setback distance for oil and gas operations from sensitive land uses and apply these requirements to facilitate the phasing out of existing operations.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CARB, DOGGR, DPH, SCAQMD
Topic Tags	Equity, Land Use, Public Health, Resilience, Water

Action 3: Conduct an inventory to identify all abandoned/idled oil and gas infrastructure in LA county, prioritize those by condition and proximity to sensitive populations and develop and implement a closure plan that includes identification of potential funding sources.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	DOGGR, DPH, DRP
Topic Tags	Air Quality, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water, Funding & Financing

Action 4: Require oil and gas facility operators to prepare and make available to the public a comprehensive Community Safety Plan, in coordination with City and County departments, including Fire, Building and Safety and Law Enforcement.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	DOGGR, FIRE, PW, law enforcement agencies
Topic Tags	Air Quality, Equity, Public Health, Resilience

Goal 1: Resilient and healthy community environments where residents thrive in place



Action 5: Expand the role and authority for DPH in the initial permitting process and the ongoing enforcement of regulations for industrial facilities.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	CARB, SCAQMD
Topic Tags	Air Quality, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water

Action 6: Implement recommendations from Metro Countywide Strategic Truck Arterial Network (CSTAN) on County-maintained roadways, prioritizing those that minimize emissions exposure for vulnerable populations.

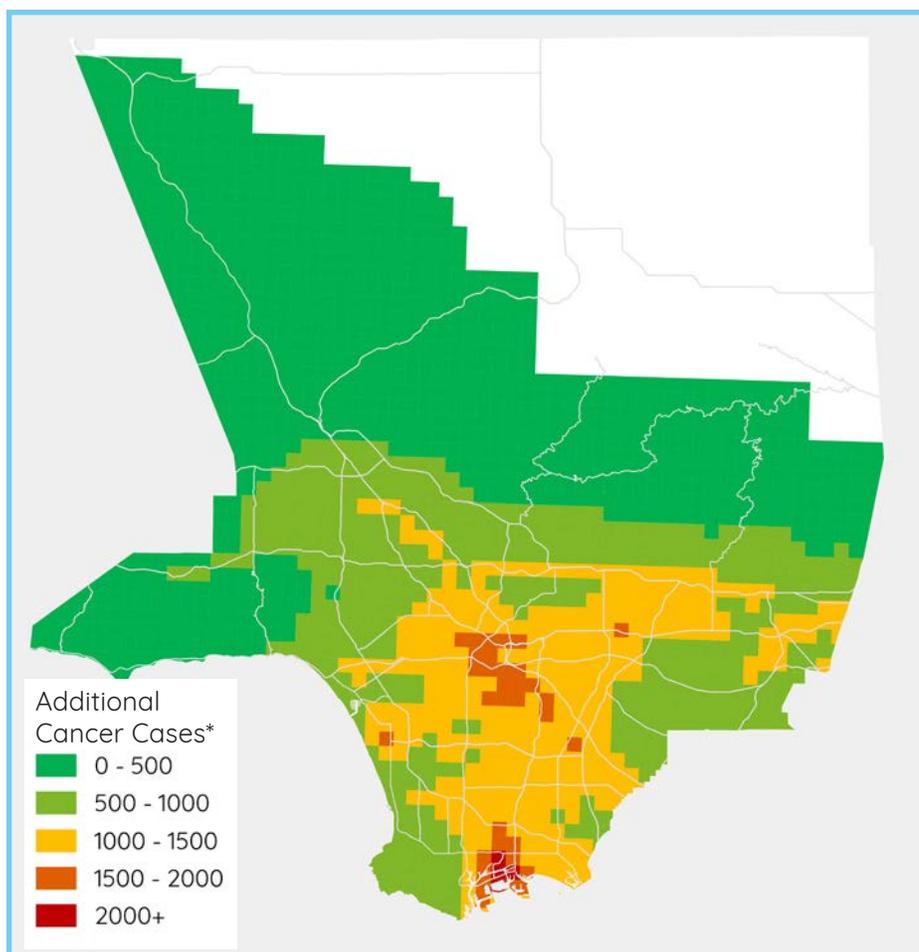
Horizon	Short-Medium-Long Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	DPH, Caltrans, Metro and other transportation agencies
Topic Tags	Air Quality, Climate, Energy, Equity, Public Health, Transportation

Action 7: Utilize refinery fenceline and community air monitoring data to improve emissions regulations and expand enforcement resources for these regulations.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Public Health
Partners	AVAQMD, CARB, SCAQMD, other air pollution control districts
Topic Tags	Air Quality, Climate, Energy, Equity, Public Health, Resilience

Action 8: Plan and implement a new lead hazard remediation program

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health, Community Development Corporation
Partners	Cities
Topic Tags	Equity, Housing, Public Health



Monitoring Air Toxics Risk

The South Coast Air Quality Management District (SCAQMD) conducts Multiple Air Toxics Exposure Studies (MATES) that monitor and evaluate toxic air contaminant, and estimate the carcinogenic risk from exposure. While there has been substantial improvement in air quality, toxic emissions are still high in areas near sources like the ports and transportation corridors.

In LA county, areas within 500 feet of freeways have some of the highest pollution levels and rates of asthma, cancer, heart attacks, strokes, reduced lung function, preterm births, and long list of other health problems.

*The above map represents the additional cases of cancer—attributable to air pollution—expected in a population of a million people over a 70-year lifetime. The MATES-IV study, from which it is drawn, is limited to the South Coast air basin and does not include the Antelope Valley.

Data Source: South Coast Air Quality Management District

Goal 1: Resilient and healthy community environments where residents thrive in place



Action 9: Partner with school districts to monitor air quality and identify measures to reduce pollution exposure.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Public Health
Partners	School Districts
Topic Tags	Air Quality, Energy, Equity, Public Health, Resilience

Action 10: Partner with local and regional agencies along key freight corridors, as well as with private freight movers, to implement 'green goods movement' technologies, such as medium- and heavy-duty zero-emission vehicle infrastructure, through initiatives like Metro's I-710 Corridor Project or use of County properties for refueling.

Horizon	Medium Term
Sphere of influence	Indirect Control
Lead County entity	Chief Executive Office
Partners	Metro, PW
Topic Tags	Air Quality, Energy, Equity, Public Health, Transportation

Action 11: Develop a public engagement, enforcement and compliance plan for illegal dumping.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	DPH, DRP, FIRE, local law enforcement
Topic Tags	Air Quality, Climate, Equity, Land Use, Public Health, Waste & Resource Management



LOS ANGELES COUNTY PUBLIC WORKS



Strategy 1B

Develop land use tools that will help address adverse, cumulative pollution impacts on residential and sensitive uses through rigorous community engagement

The County's Green Zones Program aims to address environmental justice in the unincorporated areas of Los Angeles county. This Program will develop targeted land use strategies to help improve public health and quality of life for residents in vulnerable communities that have been disproportionately impacted by cumulative exposure to pollution.

The Program will engage community-based organizations in the pilot communities of Florence Firestone/Walnut Park and East Los Angeles to "groundtruth" data, the Program is initiating a new kind of partnership to address cumulative impacts.

The Department of Regional Planning will lead the County's effort to expand the Green Zones Program and include community air monitoring. These land use tools will also need to be paired with strategies focused on encouraging cleaner industries and jobs to replace the more polluting ones.

<p>Action 12: Complete development and start implementation of the Green Zones Program.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Horizon</td> <td style="padding: 5px;">Short Term</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Sphere of influence</td> <td style="padding: 5px;">Direct Control</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Lead County entity</td> <td style="padding: 5px;">Department of Regional Planning</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Partners</td> <td style="padding: 5px;">DCBA, TTC</td> </tr> <tr> <td style="padding: 5px;">Topic Tags</td> <td style="padding: 5px;">Air Quality, Equity, Land Use, Landscapes & Ecosystems, Public Health, Waste & Resource Management</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Regional Planning	Partners	DCBA, TTC	Topic Tags	Air Quality, Equity, Land Use, Landscapes & Ecosystems, Public Health, Waste & Resource Management
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Department of Regional Planning										
Partners	DCBA, TTC										
Topic Tags	Air Quality, Equity, Land Use, Landscapes & Ecosystems, Public Health, Waste & Resource Management										



LOS ANGELES COUNTY PUBLIC WORKS

Goal 1: Resilient and healthy community environments where residents thrive in place



Strategy 1C	Targets
<p>Increase housing affordability</p> <p>The housing affordability crisis is impacting a growing number of county residents. OurCounty recognizes the link between environmental priorities and the urgency of the County’s efforts to help make housing more affordable. Access to stable and affordable housing is essential for human development, particularly for children whose health, well-being and school performance can be impacted by housing conditions and the stress of insecure housing. Furthermore, housing affordability is an essential tool to tackle one of the root causes of the homelessness crisis. The County’s comprehensive and unprecedented effort to provide services to people experiencing homelessness cannot solve the problem without also making housing more affordable.</p> <p>Given the magnitude of the challenges related to housing and homelessness, preservation of existing affordable housing and developing new affordable housing must be integrated into every neighborhood and throughout all County policies affecting the built environment, including land use and zoning.</p>	<p>Countywide:</p> <p>2025 110,000 new affordable units</p> <p>2035 300,000 new affordable units</p> <p>2045 585,000 new affordable units</p> <p>Unincorporated Areas:</p> <p>2025 Meet 25% of very low/low income RHNA target</p> <p>2035 Meet 50% of very low/low income RHNA target</p> <p>2045 Meet 100% of very low/low income RHNA target</p>

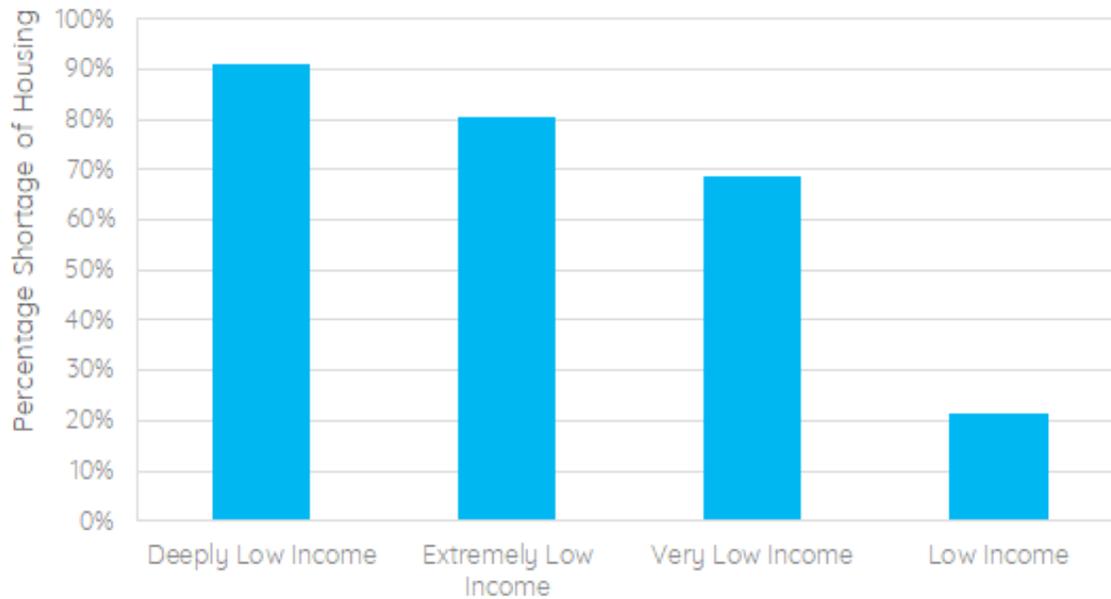
Existing Action Highlight: Accessory Dwelling Unit Ordinance

The County ordinance for Accessory Dwelling Units (ADUs) sets forth development standards and processing procedures for ADUs, which are sometimes known as “in-law units” or “granny flats.” State laws taking effect in 2017 made it easier for owners of single-family residences to build new ADUs on their property, provided a pathway to legalizing existing unpermitted ADUs. The new laws also allow local jurisdictions to designate areas where ADUs may be permitted, and to impose local development standards. The County ordinance complies with State law and also addresses community concerns over the potential impacts of additional development, such as prohibiting the construction of new ADUs and the conversion of existing spaces to ADUs within Very High Fire Hazard Severity Zones. In addition to meeting state requirements for ADUs, the County ordinance provides additional lower-cost housing options in the unincorporated areas, while protecting public safety, community character and natural resources.

A pilot program approved for the unincorporated areas as part of the Los Angeles County Homeless Initiative is designed to encourage the development of ADUs by streamlining the permit approvals process, providing technical assistance to homeowners and providing financing options. Areas zoned for single-family housing present a significant opportunity to build new and preserve existing affordable housing in the form of ADUs.



Percentage of Low Income Households Without Available Affordable Rental Homes (2016)



Cumulative Deficit of Affordable Rental Homes			
150,637 homes	419,759 homes	581,823 homes	228,457 homes

Affordable Housing Need and Availability

The Los Angeles County Board of Supervisors adopted a motion in 2015 to create an Affordable Housing Programs budget unit and establish a multi-year plan for providing funding for new affordable housing. As part of this effort, an Annual Affordable Housing Report demonstrates the affordable housing need throughout the county and provides recommendations for getting

it done. The housing affordability crisis is increasingly impacting LA county residents as wealth inequalities grow and access to affordable housing is limited. According to the 2018 report, a total of 581,823 rental units are needed to address the housing needs of very low income, extremely low income and deeply low income households.

Data Source: Annual Affordable Housing Report by California Housing Partnership Corporation

Goal 1: Resilient and healthy community environments where residents thrive in place



Action 13: Identify and implement best practices to preserve and increase the amount of affordable housing proximate to job centers, transit and open space amenities.

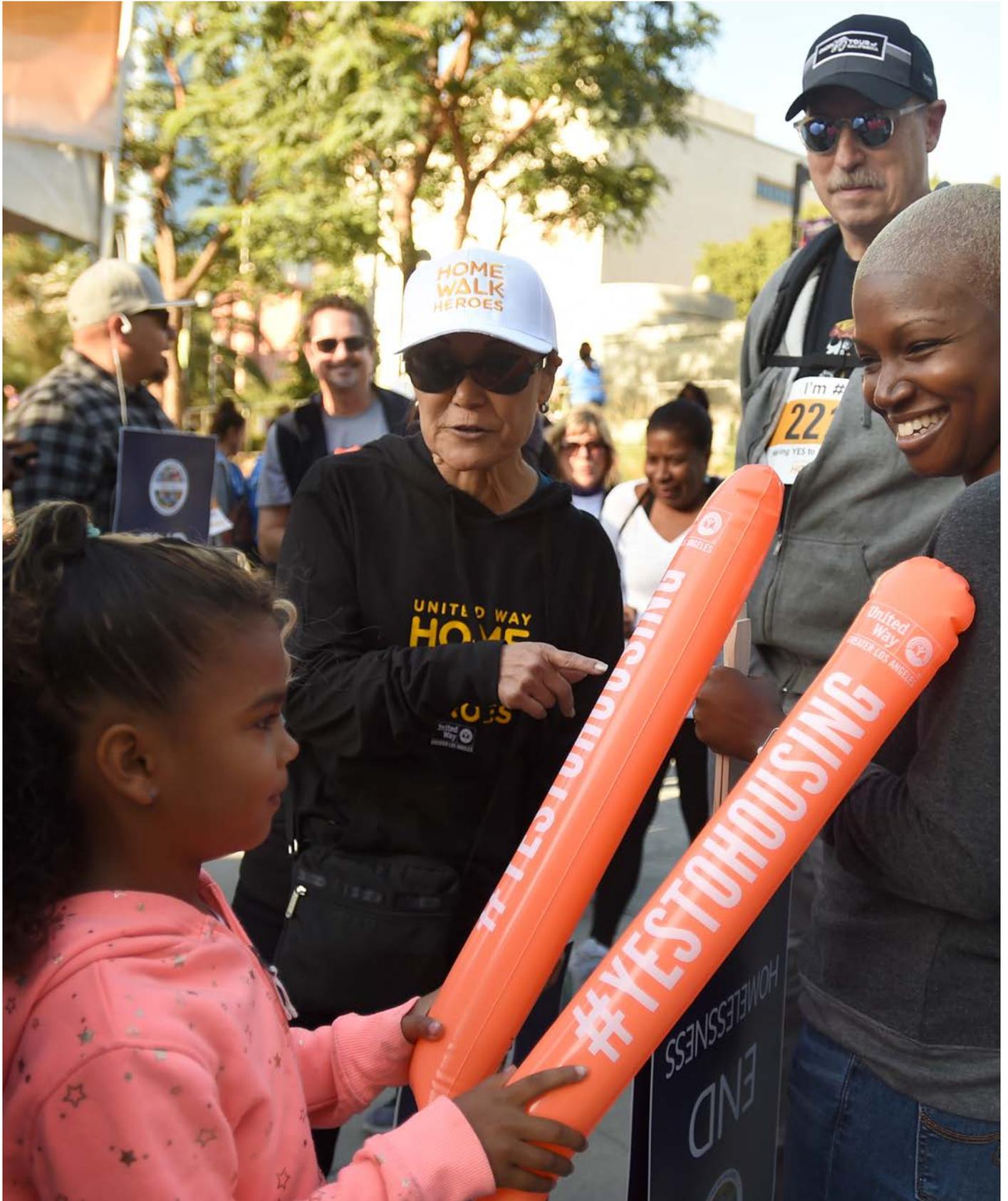
Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CDC, CEO, HACoLA, PW
Topic Tags	Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Transportation

Action 14: Enact a permanent rent stabilization ordinance for eligible rental units in unincorporated areas.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Community Development Corporation, Department of Consumer and Business Affairs
Partners	CEO
Topic Tags	Equity, Housing, Land Use, Public Health

Action 15: Adopt an inclusionary housing ordinance that requires affordable housing as part of all new multifamily projects.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Regional Planning
Partners	CDC
Topic Tags	Equity, Housing, Land Use, Public Health



Goal 1: Resilient and healthy community environments where residents thrive in place



Strategy 1D	Targets
<p>Ensure household utility affordability.</p> <p>Energy and water are essential to life in Los Angeles. The County will advocate for and evaluate best practices to ensure household utilities are affordable to all, especially as the County and its stakeholders invest in building upgrades and clean energy. LA county households are more burdened by utility costs than other areas in the state, primarily due to higher energy and water costs and lower median household incomes.</p> <p>Water rates vary significantly across the county depending on the provider or location; lower income residents often face higher rates without ample protection, limiting their financial stability and their economic mobility. As we make investments, we must protect our residents from exorbitant utility costs while ensuring everyone can benefit from clean and resilient energy and water sources.</p>	<p>Countywide:</p> <p>2025 90% enrollment of eligible households in rate assistance programs</p> <p>2035 100% enrollment of eligible households in rate assistance programs</p>

<p>Action 16: Study and implement best practices to maximize program enrollment and benefits in low-income rate assistance, energy efficiency and conservation and clean energy rebate and incentive programs, including proactive strategies to include:</p> <ul style="list-style-type: none"> • Renters; • People with disabilities; • Undocumented immigrants; • People with limited English proficiency; and • Other communities traditionally left out of those programs. 	<table border="0"> <tr> <td>Horizon</td> <td>Short-to-Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Utilities</td> </tr> <tr> <td>Partners</td> <td>CEC, CEO, DPSS</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Energy, Equity, Public Health, Funding & Financing</td> </tr> </table>	Horizon	Short-to-Medium Term	Sphere of influence	Indirect Control	Lead County entity	Utilities	Partners	CEC, CEO, DPSS	Topic Tags	Climate, Energy, Equity, Public Health, Funding & Financing
Horizon	Short-to-Medium Term										
Sphere of influence	Indirect Control										
Lead County entity	Utilities										
Partners	CEC, CEO, DPSS										
Topic Tags	Climate, Energy, Equity, Public Health, Funding & Financing										



Action 17: Advocate for water affordability through equitable utility pricing, Cal Fresh/ EBT water supplements, reducing obstacles to lifeline rates and water-efficient appliance subsidies.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Chief Executive Office
Partners	PW
Topic Tags	Equity, Public Health, Resilience, Water



Goal 1: Resilient and healthy community environments where residents thrive in place



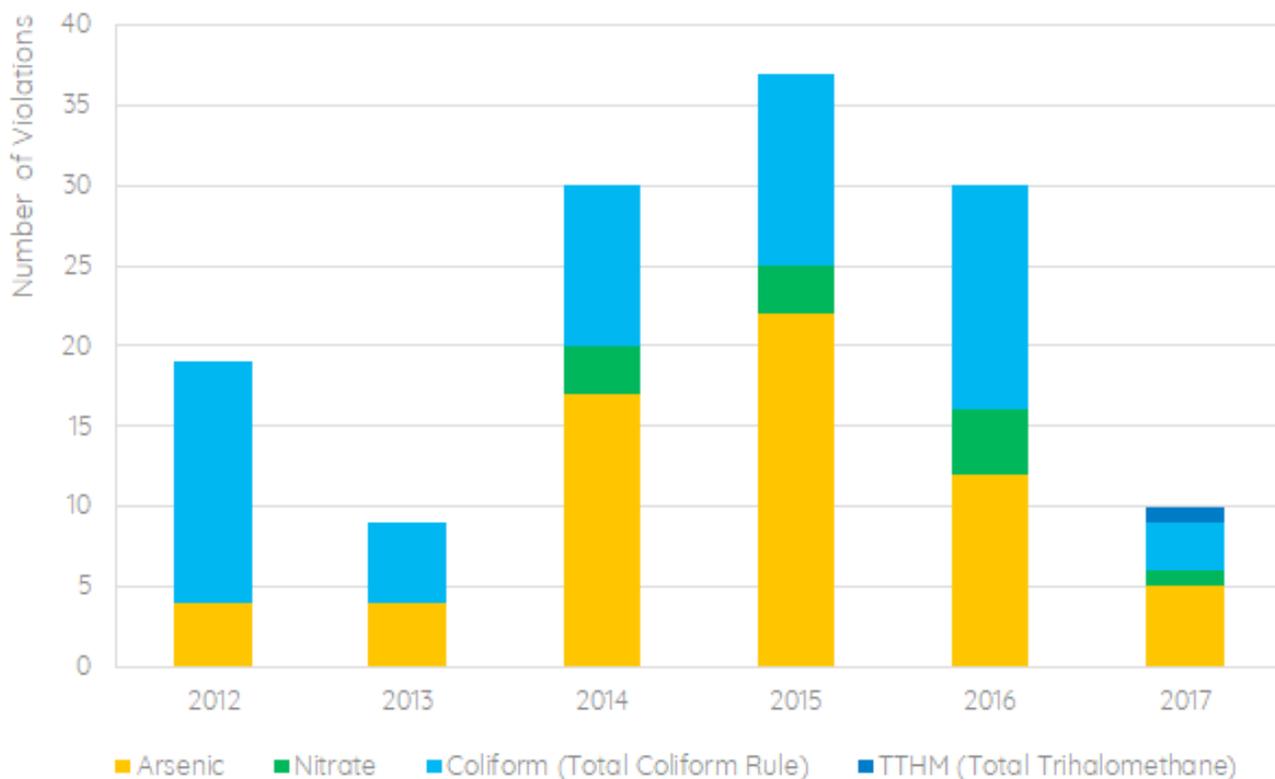
Strategy 1E	Targets
<p>Ensure access to safe, clean and affordable water</p> <p>While some large water providers in the county can serve high quality water to the majority of our residents, a number of communities are in need of meaningful improvements to their water infrastructure to ensure that their drinking water is healthy and reliable. Addressing these issues will require innovative policy solutions, as well as a robust assessment to identify the scope and scale of issues.</p>	<p>Countywide:</p> <p>2025 Less than 5 public drinking water systems violating maximum contaminant levels annually, with fewer than 2,000 people served by systems with violations</p> <p>2035 Less than 2 public drinking water systems violating maximum contaminant levels annually, with fewer than 500 people served by systems with violations</p> <p>2045 Zero public drinking water systems violating maximum contaminant levels</p>

<p>Action 18: Assess vulnerability of the region’s drinking water systems and create an action plan to reduce or eliminate vulnerabilities.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works, Local Agency Formation Commission</td> </tr> <tr> <td>Partners</td> <td>Local water agencies, SWRCB, Universities</td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Public Health, Resilience, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Indirect Control	Lead County entity	Los Angeles County Public Works, Local Agency Formation Commission	Partners	Local water agencies, SWRCB, Universities	Topic Tags	Equity, Public Health, Resilience, Water
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Lead County entity	Los Angeles County Public Works, Local Agency Formation Commission										
Partners	Local water agencies, SWRCB, Universities										
Topic Tags	Equity, Public Health, Resilience, Water										

<p>Action 19: Develop an equitable policy framework for mapping, addressing and alerting the public to drinking water quality issues that originate from on-site and systemic plumbing issues, incorporating reporting from water agencies as well as crowdsourcing.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works, Local Agency Formation Commission</td> </tr> <tr> <td>Partners</td> <td></td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Public Health, Resilience, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Los Angeles County Public Works, Local Agency Formation Commission	Partners		Topic Tags	Equity, Public Health, Resilience, Water
Horizon	Short Term										
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Lead County entity	Los Angeles County Public Works, Local Agency Formation Commission										
Partners											
Topic Tags	Equity, Public Health, Resilience, Water										



MCL Violations by Public Water Systems



Monitoring Drinking Water Quality

The State Water Resources Control Board sets thresholds known as maximum contaminant levels (MCL) to monitor water quality. All drinking water systems must meet the MCLs to comply with the Safe Drinking Water Act. MCLs are measured at the water treatment plant before drinking water is distributed; any violations trigger notifications to service areas, not just billed customers. In 2017, there were a total of 10 violations of primary MCLs in LA county, including arsenic, nitrate, and total coliform bacteria. The 10 violations came from only seven public water systems.

Data Source: State Water Resources Control Board (SWRCB)

Generally in LA county, there is an uneven distribution of MCL violations. Overall from 2012 to 2017, there were a total of 50 public water systems that had at least one MCL violation out of 299 total public water systems and 47 private water systems. Note that secondary MCL violations (i.e., contaminants that are not health-threatening but may impact taste and odor) are not reported.

Goal 1: Resilient and healthy community environments where residents thrive in place



Action 20: Provide support for small water systems to access State financing mechanisms and support development of new financing mechanisms to repair water infrastructure and/or incentives for consolidation and ensure rates are kept affordable.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Los Angeles County Public Works, Local Agency Formation Commission
Partners	FIRE, SWRCB
Topic Tags	Equity, Public Health, Resilience, Water, Funding & Financing

Action 21: Advocate for the inclusion of a low interest financing mechanism for landowners to replace leaky, corroded and/or unsafe pipes and fixtures.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Department of Public Health, Los Angeles County Public Works, Internal Services Department, Local Agency Formation Commission
Partners	
Topic Tags	Equity, Public Health, Resilience, Water, Funding & Financing



LOS ANGELES COUNTY PUBLIC WORKS

Goal 1: Resilient and healthy community environments where residents thrive in place



Strategy 1F	Targets
<p>Develop community capacity to respond to emergencies</p> <p>Truly resilient communities are able to respond to shocks (like earthquakes, wildfires, extreme heat, and flooding) and long-term stresses (like inequity, climate change, and aging infrastructure) by adapting to maintain crucial community functions (like strong social networks, safe drinking water, roads and public safety infrastructure).</p> <p>OurCounty will support community resilience by expanding our capacity to respond to emergencies at the neighborhood scale in ways that respect and maintain community culture and social fabric. For example, the County can support neighborhood use of public spaces in ways that increase community bonds and can serve as organizing hubs during a shock. These actions will contribute to community cohesion and improve residents' short-term and long-term quality of life.</p>	<p>Countywide:</p> <p>2025</p> <p>5,000 people trained on emergency response through the Community Emergency Response Team (CERT) program</p> <p>Offer 30% of CERT trainings in non-English languages</p> <p>2035</p> <p>10,000 people trained on emergency response through the Community Emergency Response Team (CERT) program</p> <p>Offer 40% of CERT trainings in non-English languages</p> <p>2045</p> <p>15,000 people trained on emergency response through the Community Emergency Response Team (CERT) program</p> <p>Offer 60% of CERT trainings in non-English languages</p>
<h2>Cooling Centers</h2>	
<p>Cooling centers are community facilities that offer relief from extreme heat and keep people safe from the severe temperatures. They also provide other important resources such as water, restrooms, medical attention and social services. Examples of cooling centers are</p>	<p>senior centers, community centers, libraries, recreation centers and shopping malls. Cooling centers are important assets to our communities as temperatures rise and the demand on cooling equipment and the electric grid is strained and at risk of outages.</p>



Action 22: Train the county’s town councils, neighborhood associations and other community organizations to become certified emergency response teams (CERTs).

Horizon	Medium term
Sphere of influence	Indirect Control
Lead County entity	Fire Department
Partners	DPH, Libraries, OEM
Topic Tags	Climate, Equity, Public Health, Resilience

Action 23: Build capacity of small stores to sustain neighborhoods in the event of an emergency and ensure continued operations during and after a disaster.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Consumer and Business Affairs
Partners	OEM, Non-profits
Topic Tags	Resilience

Action 24: Develop minimum requirements and best practices for amenities, programming and accessibility of cooling centers.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	DPR, ISD, Libraries, OEM, WDACS
Topic Tags	Energy, Equity, Public Health, Resilience

Action 25: Increase resources such as drinking water fountains, bathrooms, showers, kitchens and laundry facilities in parks and public spaces that can be activated to support community resilience during emergencies.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Beaches & Harbors, Department of Parks and Recreation
Partners	DPH, OEM
Topic Tags	Equity, Public Health, Resilience, Water

Goal 2: Buildings and infrastructure that support human health and resilience



Buildings and infrastructure, such as our water system and our tree canopy are an integral component of our daily lives. It is critical that these systems enable and support the sustainable growth of the communities they serve. In the past, buildings were often constructed without consideration for sustainability, resilience and health. For example, older buildings built without proper insulation and large south-facing windows heat up quickly and require a significant amount of cooling and create unhealthy environments. Further, our infrastructure systems often lack resiliency and redundancy, such as a diverse range of water sources during droughts, use of open space for flooding or cool surfaces and canopies that mitigate urban heat. The buildings and infrastructure of both yesterday and tomorrow will need to utilize more efficient technologies and practices that reduce resource use, improve health and increase resilience.

As the climate changes, our built environment will experience more shocks and stresses. We will need to ensure our buildings and infrastructure can adapt, or adjust and moderate impacts, cope with potential consequences and even take advantage of potential opportunities that climate events may create.

OurCounty will help create a built environment that supports healthy, active lifestyles and adapts and provides protection against climate risks, now and in the future.

How will we work towards achieving this goal?



Strategy 2A

Integrate climate resilience and adaptation into planning, buildings, infrastructure and community development decisions

Strategy 2B

Require sustainable and healthy building design and construction

Strategy 2C

Create an integrated and resilient water system

Strategy 2D

Ensure an equitable urban forest with a climate-appropriate, healthy tree canopy

Goal 2: Buildings and infrastructure that support human health and resilience



Strategy 2A

Integrate climate resilience and adaptation into planning, buildings, infrastructure and community development decisions

Climate change has already brought record high and low temperatures, impacting everything from the novelty of the world's hottest World Series played here in 2017 to the much more common issue of higher heating and cooling bills for residents and businesses. Residents also face health impacts from heat, which may be exacerbated in urban areas due to the "urban heat island effect", where temperatures may be artificially elevated as a result of heat absorbing materials such as conventional pavement that are often found in urban environments.

Climate change may also worsen existing inequities in county communities, such as:

- Low-income residents who have less resources to recover from events such as wildfires and disproportionately suffer from respiratory illnesses, which will be exacerbated from extreme heat and poor air quality;
- Undocumented immigrants and migrant workers who are at a risk of linguistic isolation and fear of apprehension if they seek resources and help during events;
- Outdoor workers who are at higher risk of heat stress and other heat-related disorders, injury and reduced productivity from heat events; and
- Older residents who are more likely to have chronic health issues and have less access to mobility options during events.

The County will consider resilience and climate adaptation in all future planning and development decisions. The dangers we face from climate change are immense. Every action we take now to protect our homes, communities and infrastructure should better prepare us for the future and protect us against climate risks and their disproportionate impacts.

Targets

Countywide:

2025

Increase the total land area covered by cool surfaces by 10% (2019 baseline)

Reduce the number of heat stress emergency department visits by 15% (2014 baseline)

2035

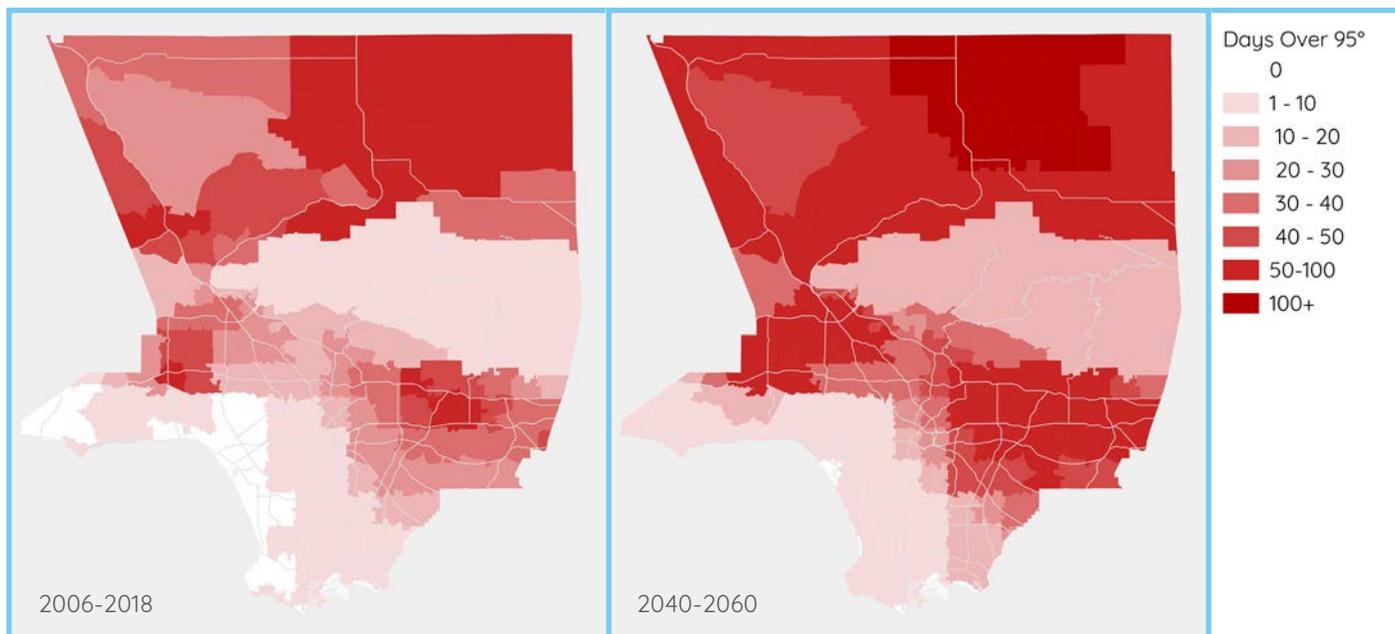
Increase the total land area covered by cool surfaces by 20%

Reduce the number of heat stress emergency department visits by 45%

2045

Increase the total land area covered by cool surfaces by 30%

Reduce the number of heat stress emergency departments visits by 75%



Projecting High Heat Days

Climate projections predict that air temperatures will increase by 1.8 – 7.2°F across the region, with the greatest increases in average temperatures and high heat days (> 95°F) occurring in Palmdale, Lancaster, and the San Gabriel Valley.

The above maps are a visual depiction of the estimated increase in high heat days across LA county by the middle of this century. The left map shows the average

Source: Cal-Adapt (RCP 8.5/HadGEM-ES)

annual high heat days from 2006 – 2018 while the right map shows the average annual extreme heat days from 2040 – 2060.

Note: The above maps depict temperatures alone and do not include the impact of humidity nor the frequency and duration of heat waves.

Action 26A: Conduct a countywide climate vulnerability assessment that addresses social infrastructure vulnerability and use it to guide priorities for investments in public health preparedness, emergency preparedness and response planning, and community resiliency.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Chief Executive Office
Partners	DPH, DPR, DRP, FIRE, LASD, OEM, PW, County Counsel
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water

Goal 2: Buildings and infrastructure that support human health and resilience



Action 26B: Conduct a countywide climate vulnerability assessment that addresses physical infrastructure vulnerability and use it to guide priorities for investments in building upgrades, infrastructure improvements, and zoning and code changes.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Chief Executive Office
Partners	DBH, DPH, DPR, DRP, FIRE, LASD, OEM, PW, County Counsel, Utilities
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water

Action 27: Develop a comprehensive urban heat island mitigation strategy and implementation plan that addresses cool pavements and roofs, pavement reduction and urban greening.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	CEO, DPR, DRP, PW
Topic Tags	Air Quality, Climate, Energy, Housing, Land Use, Public Health, Waste & Resource Management, Water

Action 28: Build shade structures at major transit stops as identified in Metro's Active Transportation Strategic Plan, starting with communities with high heat vulnerability.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Parks and Recreation, Los Angeles County Public Works
Partners	DPH, DRP, FIRE, Metro and other transit agencies
Topic Tags	Climate, Equity, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management



LA METRO

Goal 2: Buildings and infrastructure that support human health and resilience

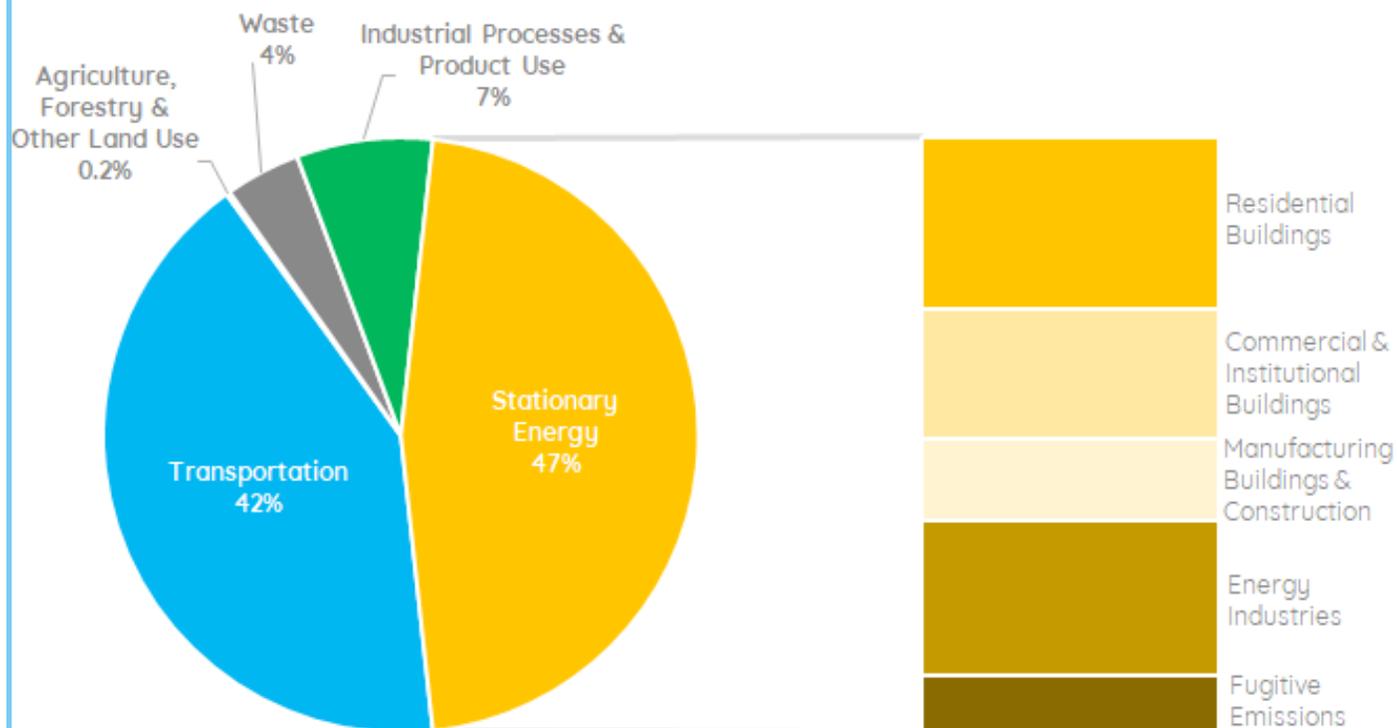


Strategy 2B	Targets
<p>Require sustainable and healthy building design and construction</p> <p>Local governments have tremendous influence over shaping what the building stock of the future will look like. Their priorities should include energy- and carbon-efficient buildings that also support occupant health and well-being.</p> <p>Building performance standards, such as LEED, Passive House, WELL, or Living Building Challenge, take a variety of approaches towards successful building design. By piloting building performance standards and adopting the CALGreen building standards, the future building stock will help reduce energy demand and greenhouse gas emissions in the region.</p> <p>We will focus especially on increasing the proportion of buildings that are net zero carbon. Net zero carbon means buildings will not contribute to climate change through their associated emissions, by avoiding or mitigating the use of fossil fuel energy.</p>	<p>Countywide:</p> <p>2025 All new buildings and 50% of major building renovations to be net zero carbon</p> <p>2035 75% of major building renovations to be net zero carbon</p> <p>2045 100% of major building renovations to be net zero carbon</p>

<p>Action 29: Adopt CALGreen Tier 1 green building standards and identify which Tier 2 standards could be adopted as code amendments.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td></td> </tr> <tr> <td>Topic Tags</td> <td>Air Quality, Climate, Energy, Housing, Land Use, Public Health, Waste & Resource Management, Water</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Los Angeles County Public Works	Partners		Topic Tags	Air Quality, Climate, Energy, Housing, Land Use, Public Health, Waste & Resource Management, Water
Horizon	Medium Term										
Sphere of influence	Direct Control, Indirect Control										
Lead County entity	Los Angeles County Public Works										
Partners											
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GHG Emissions by Sector (2015)



Greenhouse Gas Emissions

Buildings account for 44% of LA county's total greenhouse gas emissions. The large impact of buildings alongside the County's goal to meet the Paris Climate Agreement, provides an opportunity and urgency to design buildings to be more energy and water

efficient, carbon conscious and healthy and supportive to their residents. LA county's new buildings should have a minimal impact on countywide emissions and the environment.

Data Source: Draft 2015 Los Angeles County Greenhouse Gas Emissions Inventory

Goal 2: Buildings and infrastructure that support human health and resilience



Action 30: Pilot high performance building standards for new County buildings beyond the current LEED Gold standard, such as Passive House, Zero Net Energy, Net Zero Water, Net Zero Waste, the Living Buildings Challenge and the WELL Building Standard.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	DHS, ISD, PW, Utilities
Topic Tags	Air Quality, Climate, Energy, Public Health, Waste & Resource Management, Water

Action 31: Use climate projections instead of historic data for weather and precipitation modeling to inform planning, infrastructure and community development processes.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	PW
Topic Tags	Climate, Energy, Resilience



LOS ANGELES COUNTY PUBLIC WORKS

Goal 2: Buildings and infrastructure that support human health and resilience

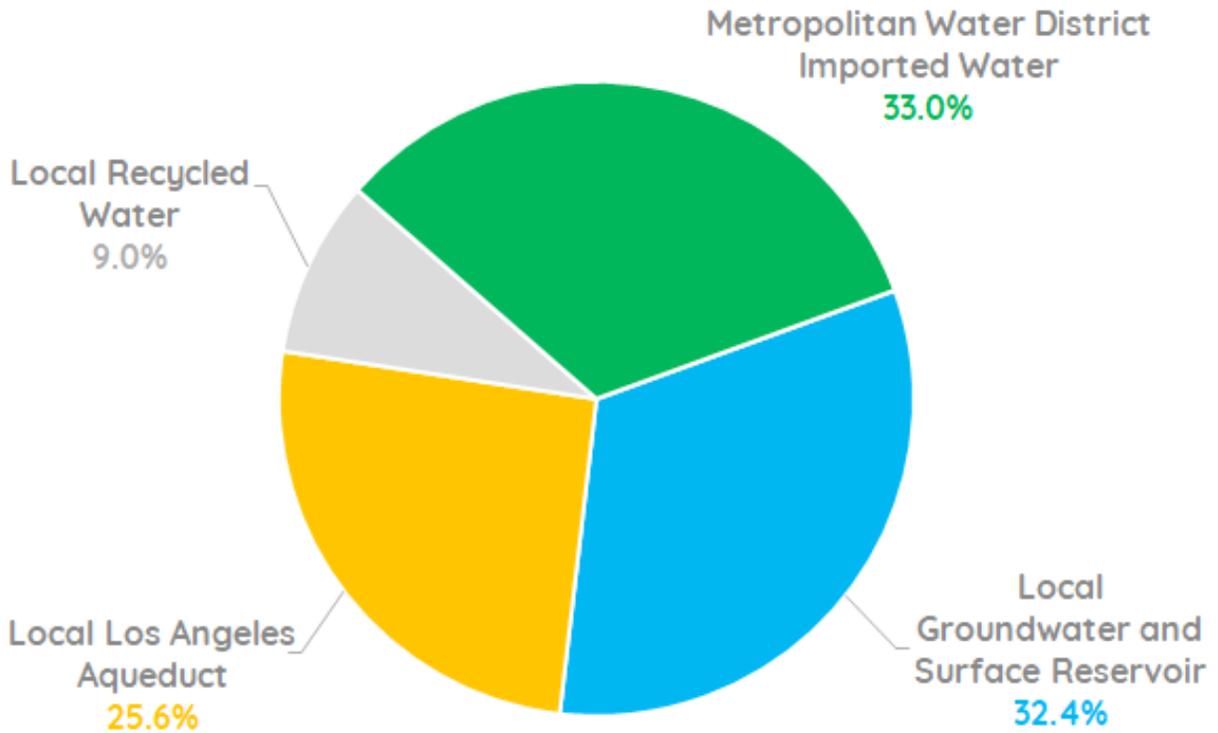


Strategy 2C	Targets
<p>Create an integrated and resilient water system</p> <p>Water management in LA county today reflects a historically siloed view that failed to recognize the interconnectedness of all water, from groundwater, to surface water, to rainwater, to wastewater. This approach has led to a complex and disjointed system that is not well-suited to adapting to the needs of a rapidly growing region and changing climate. Building on the success of the Safe Clean Water Program (Measure W), which will support an integrated and holistic approach to stormwater management, the region has to invest in a 21st century water system that prioritizes management strategies that mimic natural processes and cycles.</p>	<p>Countywide:</p> <p>2025 Source 50% of water locally</p> <p>2035 Source 65% of water locally</p> <p>2045 Source 80% of water locally</p>

<p>Action 32: Invest in multi-benefit water management solutions that diversify and increase reliability of the water supply, reduce dependency on imported water, prioritize nature-based solutions and maximize benefits to Native and disadvantaged communities.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>Cities, DPR, local water agencies, Sanitation Districts</td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Landscapes & Ecosystems, Public Health, Resilience, Water</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Los Angeles County Public Works	Partners	Cities, DPR, local water agencies, Sanitation Districts	Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience, Water
Horizon	Medium Term										
Sphere of influence	Direct Control, Indirect Control										
Lead County entity	Los Angeles County Public Works										
Partners	Cities, DPR, local water agencies, Sanitation Districts										
Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience, Water										



Sources of Water (2017)



Water Supply Sources

In 2017, approximately 59% of water used in LA county was sourced from outside the region. Only 9% came from local recycled water sources and 32% was sourced from local groundwater resources.

Data Source: Metropolitan Water District

Action 33: Develop a recycled water master plan.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	CEO, Cities, DPH, DPR, local water agencies, Sanitation Districts
Topic Tags	Resilience, Waste & Resource Management, Water

Goal 2: Buildings and infrastructure that support human health and resilience



Action 34: Evaluate and implement mechanisms for protection, preservation and restoration of natural buffers to waterbodies, such as floodplains, streams and wetlands.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Regional Planning
Partners	PW, local jurisdictions
Topic Tags	Landscapes & Ecosystems, Resilience, Water

Action 35: Maximize sustainable yield from our local groundwater basins and support efforts to clean up contaminated aquifers.

Horizon	Short-to-Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	Local water districts
Topic Tags	Landscapes & Ecosystems, Resilience, Water

Action 36: Develop a residential and commercial/small business stormwater retrofit rebate program that includes incentives for using a watershed approach.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	Local water districts
Topic Tags	Housing, Landscapes & Ecosystems, Resilience, Water

Action 37: Reduce barriers and increase accessibility to alternative water sources (rainwater, greywater, stormwater and recycled water), including incentives for residential and commercial/small business greywater systems and streamlining permitting pathways.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	DPH, DRP
Topic Tags	Landscapes & Ecosystems, Resilience, Water

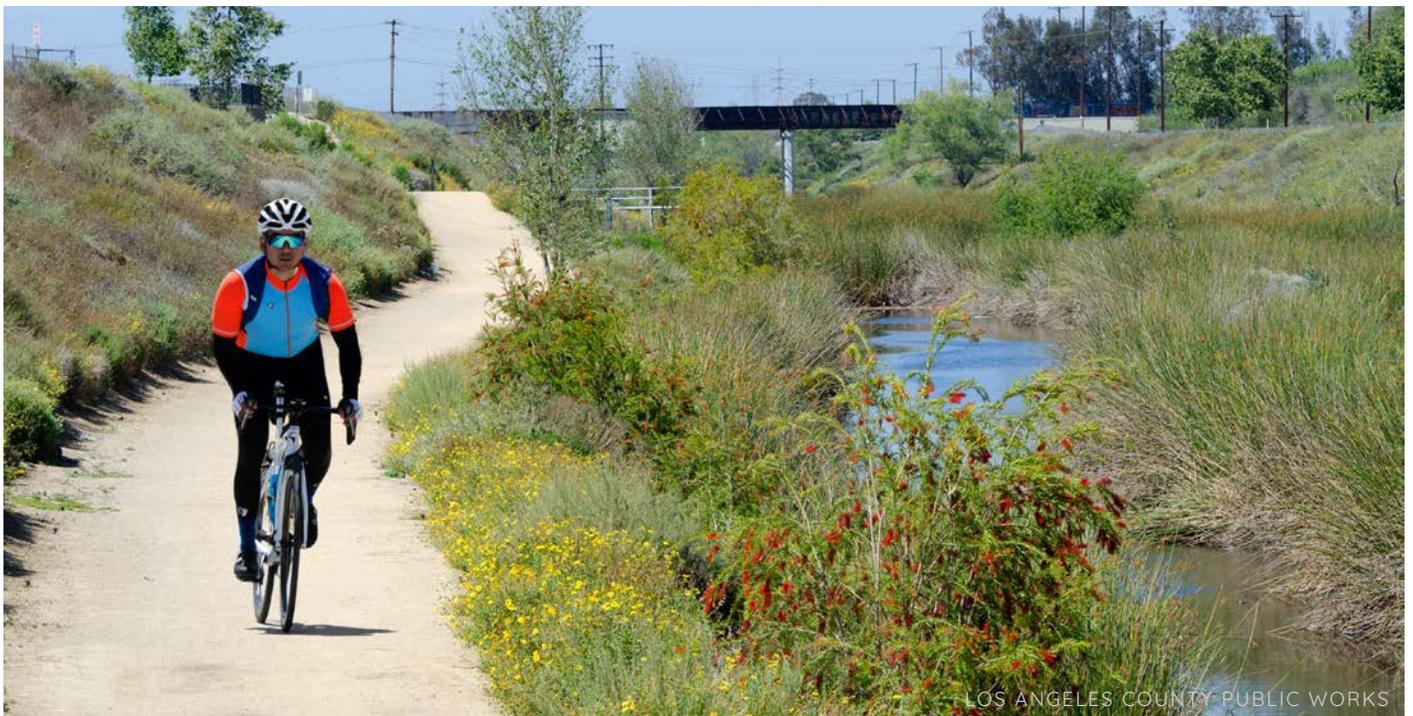


Action 38: Advocate for a collaborative approach, such as a joint powers authority, to sustainably manage regional groundwater basins.

Horizon	Medium-to-Long Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works, Chief Executive Office
Partners	Groundwater management agencies
Topic Tags	Landscapes & Ecosystems, Resilience, Water

Action 39: Develop a plan to ensure effective, well-maintained flood risk mitigation infrastructure to communities and include a mechanism to facilitate reporting of incidents by residents/ municipalities to help identify and address any chronic local flooding issues.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	Cities
Topic Tags	Resilience, Water



Goal 2: Buildings and infrastructure that support human health and resilience



Strategy 2D	Targets
<p>Ensure an equitable urban forest with a climate-appropriate, healthy tree canopy</p> <p>The urban forest is an essential part of a healthy community, made up of trees on both public and private lands. Spread equitably, a well-managed urban forest throughout LA county can deliver healthier soils, biodiversity, habitats, shading from heat and greater community health and well-being. As a first step, the County will create and implement a countywide Urban Forest Management Plan to prioritize resilient, climate-appropriate trees and native biodiversity, conserve mature trees and properly manage resources to ensure that trees thrive in our urban environment.</p>	<p>Countywide:</p> <p>2025 Increase urban tree canopy cover by 10% (2017 baseline)</p> <p>2035 Increase urban tree canopy cover by 15% (2017 baseline)</p> <p>2045 Increase urban tree canopy cover by 20% (2017 baseline)</p>

Measuring the Tree Canopy

Greenery in LA county is not well-connected and is in some areas, quite sparse. The urban tree canopy can deliver multiple benefits from shade cover to improved emotional well-being. But we must ensure that these benefits and the spread of the urban tree canopy are equitable. Furthermore, we need to take into account safety, water demand, drought tolerance, community preference, shade capacity and biodiversity.

While the total tree canopy can be estimated from aerial imagery, this is an incomplete picture and we need to collect more data. The tree canopy inventory for street trees and park trees, currently underway, will provide much of the additional data that we need. It will also help us develop urban forest management strategies that account for the large number of diseased and aging trees across the county.

Establishing a healthy, climate-appropriate tree canopy will require plans for care and maintenance, including pruning and watering. The County and its stakeholders will also need to have a readily available nursery supply of native and climate-appropriate trees and plants.



Action 40: Create and implement a community-informed Urban Forest Management Plan that incorporates equitable urban forest practices, identifies County funding sources and prioritizes:

- Tree- and park-poor communities
- Climate and watershed-appropriate and drought/pest-resistant vegetation
- Appropriate maintenance and disposal practices;
- Shading; and
- Biodiversity.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	CAL FIRE, DBH, DPH, DPR, DRP, FIRE, LASD, PW
Topic Tags	Air Quality, Climate, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water

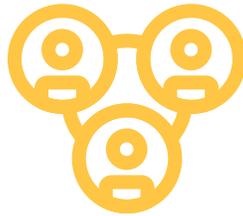
Action 41: Implement locally tailored, youth-based tree planting projects in collaboration with community-based organizations to reduce the impacts of urban heat in low canopy areas.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	CEO, DBH, DPR, DRP, ISD, FIRE, LASD, PW
Topic Tags	Air Quality, Climate, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water

Action 42: Create a protected tree ordinance.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CEO, DBH, DPH, DPR, FIRE, ISD, LASD, PW
Topic Tags	Air Quality, Climate, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water

Goal 3: Equitable and sustainable land use and development without displacement



LA county is growing, with increasing demand for homes, buildings and the infrastructure that is needed to support them. The way we choose to direct that growth has huge implications for the environment, the economy and social equity. Patterns of exurban sprawl and development in high-hazard areas can place major burdens on our infrastructure and public budgets, especially for unincorporated communities where the County of Los Angeles acts as the municipal service provider. Outward growth limits the resources we could otherwise be investing in our existing communities, where we can promote sustainability, health and well-being by improving walkability and promoting a mixture of uses.

By rethinking our growth pattern, we can more effectively protect our low-income residents and small businesses from displacement. With policy tools such as anti-displacement measures, existing community members can remain in and strengthen their neighborhoods and networks while accepting new residents through more compact, mixed-use development. To accomplish this, future land use and development decisions in LA county should be inclusive, safe, healthy, accessible and transit-oriented.

How will we work towards achieving this goal?



Strategy 3A

Increase housing density and limit urban sprawl

Strategy 3B

Implement transit-oriented development

Strategy 3C

Promote walkable, mixed-use neighborhoods

Strategy 3D

Ensure that housing and infrastructure development and improvement do not facilitate displacement, particularly of disadvantaged communities

Strategy 3E

Limit development in high-hazard areas

Goal 3: Equitable and sustainable land use and development without displacement



Strategy 3A

Increase housing density and limit urban sprawl

Urban sprawl generally requires expensive and expansive infrastructure networks that drain resources and contribute significantly to greenhouse gas emissions. For instance, low density areas require more road infrastructure and generate more vehicle miles traveled between schools, grocery stores, banks and medical offices. They also require that utility infrastructure be extended to these communities, in order to provide them with water, energy and waste management services. This infrastructure requires significant public resources for both initial construction and on-going maintenance.

More targeted and strategic growth lends itself to a greater number of communities that are connected to the transit, jobs and services that are crucial to a healthy

economy and achieving economic sustainability. It also means that communities can thrive with fewer resources and greenhouse gas emissions.

Many of our most celebrated urban neighborhoods today have buildings and land uses that would be prohibited under current land use and zoning, which incentivize single-family homes, streets built for cars alone and strict separation between home and work. The County of Los Angeles will help focus public resources and amend its land use policies to promote development on vacant and under-used urban parcels (or infill sites), investing in existing communities and embracing fiscal responsibility.

Action 43: Pilot a land use tool that allows for duplex, triplex and secondary units in areas of low housing density.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	PW
Topic Tags	Climate, Equity, Housing, Land Use, Transportation, Water

Action 44: Prohibit the conversion of working lands to residential uses, including farms and rangelands.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Regional Planning
Partners	State agencies
Topic Tags	Housing, Land Use, Landscapes & Ecosystems



Action 45: Evaluate the County's General Plan growth strategies and report on additional measures needed to increase effectiveness in meeting OurCounty goals.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Regional Planning
Partners	SCAG, local planning agencies
Topic Tags	Climate, Energy, Housing, Land Use, Landscapes & Ecosystems, Resilience, Transportation, Water



AGRICULTURAL COMMISSIONER / WEIGHTS AND MEASURES

Goal 3: Equitable and sustainable land use and development without displacement



Strategy 3B	Targets
<p>Implement transit-oriented development.</p> <p>Transit-oriented development (TOD) can promote sustainable living by offering a mixture of land uses and building types near high-quality transit with bicycle and pedestrian connections. Together with policies that enable households of all income levels to benefit, TOD can shape and create vibrant communities.</p> <p>TOD has many co-benefits including health benefits related to higher rates of walking and biking, lower tail-pipe emissions owing to the ability to accomplish the same tasks with shorter trips and the resulting cleaner air. OurCounty supports this pattern of development with policies shaping urban design, building density, right-sized parking and first/last mile services that support transit ridership and reduce auto dependency.</p>	<p>Countywide:</p> <p>2025 At least 50% of new housing is built within 1/2 mile of high frequency transit</p> <p>2035 At least 65% of new housing is built within 1/2 mile of high frequency transit</p> <p>2045 At least 75% of new housing is built within 1/2 mile of high frequency transit</p>

<p>Action 46: Expand the number and extent of Transit Oriented Districts (TODs) in the General Plan and remove the maximum density and height restrictions of affordable housing and mixed-use developments within those TODs, while ensuring that vital public amenities such as parks and active transportation infrastructure are included.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Regional Planning</td> </tr> <tr> <td>Partners</td> <td>PW, Cities, Metro and other transit agencies</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Energy, Housing, Land Use, Transportation</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Department of Regional Planning	Partners	PW, Cities, Metro and other transit agencies	Topic Tags	Climate, Energy, Housing, Land Use, Transportation
Horizon	Medium Term										
Sphere of influence	Direct Control, Indirect Control										
Lead County entity	Department of Regional Planning										
Partners	PW, Cities, Metro and other transit agencies										
Topic Tags	Climate, Energy, Housing, Land Use, Transportation										



Action 47: Create an inventory of all publicly-owned land (belonging to the County and other jurisdictions) near existing and future public transit and identify opportunities for transit-oriented development.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	DRP, PW, Cities, state and federal agencies, Metro and other transit agencies
Topic Tags	Climate, Housing, Land Use, Transportation

Action 48: Create guidance language for joint development opportunities on County-owned land, mirroring Metro's Joint Development Program Policies and Process and actively seek opportunities for joint development that improves transit access.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office, Department of Regional Planning
Partners	PW
Topic Tags	Land Use, Transportation



LA METRO

Goal 3: Equitable and sustainable land use and development without displacement

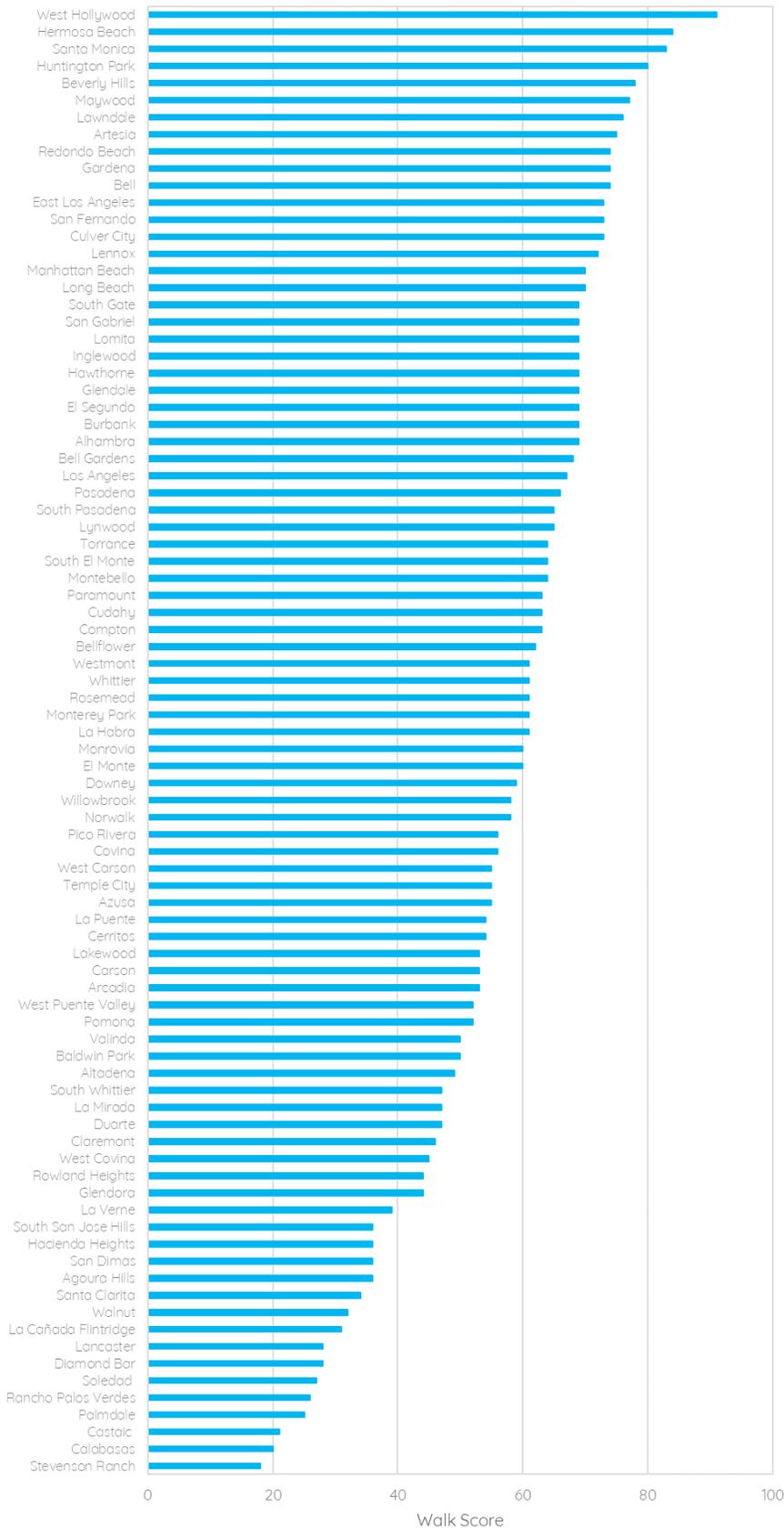


Strategy 3C	Targets
<p>Promote walkable, mixed-use neighborhoods</p> <p>The County will take a holistic approach to making neighborhoods more livable. It will address long-standing regulatory barriers and employ new strategies to ensure that residents can undertake a wide variety of daily errands and activities within walking distance of their home. A complete neighborhood features grocery stores, banking institutions, child care, parks and open spaces, robust public transit options and medical services all within a small geographic vicinity, among much more. Such a mix of land and building uses promotes walking and bicycling over driving – thereby providing real choices to avoid street congestion and reduce greenhouse gas emissions while promoting physical fitness and local economic activity. These spaces including sidewalks and local stores can create opportunities for more interaction and can build social connectivity and community resilience.</p>	<p>Countywide:</p> <p>2025 Ensure 25 cities and/or unincorporated communities have a walk score of 70 or more</p> <p>2035 Ensure 35 cities and/or unincorporated communities have a walk score of 70 or more</p> <p>2045 Ensure 45 cities and/or unincorporated communities have a walk score of 70 or more</p>

<p>Action 49: Establish zoning that enables and promotes walkability and a mix of uses.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Regional Planning</td> </tr> <tr> <td>Partners</td> <td>PW, Metro and other transit agencies</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Regional Planning	Partners	PW, Metro and other transit agencies	Topic Tags	Climate, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Department of Regional Planning										
Partners	PW, Metro and other transit agencies										
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Walk Scores in Los Angeles County



Walk Scores

Walk Scores measure the walkability of a location, considering the walking commute between amenities, road metrics such as block length and intersection density and population density. An area with a Walk Score between 90 and 100 is considered to be a “Walker’s Paradise.” Walk Score among LA county cities range between 18 and 91 (West Hollywood, Hermosa Beach, Santa Monica and Huntington Park among the highest) with an average score around 59 or “Somewhat Walkable.”

Data Source: Walk Score

Goal 3: Equitable and sustainable land use and development without displacement



Action 50: Perform a comprehensive review of land use and zoning requirements to remove barriers to and incentivize infill development and multifamily housing.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CEO
Topic Tags	Climate, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Water

Action 51: Develop equitable design guidelines that support high quality affordable housing for vulnerable populations, consistent with the physical and social culture of existing communities.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CDC, LACAC, PW
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water



Goal 3: Equitable and sustainable land use and development without displacement



Strategy 3D	Target
<p>Ensure that housing and infrastructure development and improvement do not facilitate displacement, particularly of disadvantaged communities</p> <p>Public investments that affect neighborhoods, such as the LA River restoration and transit-oriented development, can affect the area's land values and, as a result, drive up the cost of housing and small business rents. Proactive measures to stop rent hikes can help to prevent the displacement of low-income residents and businesses, ensuring that they will benefit from improvements to transit access, neighborhood amenities and support networks.</p>	<p>Countywide:</p> <p>2025</p> <p>No at-risk affordable units converted to market rate</p>

<p>Action 52: Implement tenant protection measures (e.g., Right to Counsel) to avoid displacement impacts from housing repairs and improvements, including those that are made to meet sustainable design guidelines, correct code violations, or address habitability issues.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Consumer and Business Affairs</td> </tr> <tr> <td>Partners</td> <td>CDC, CEO, DRP, PW</td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Housing, Land Use, Public Health, Resilience</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Consumer and Business Affairs	Partners	CDC, CEO, DRP, PW	Topic Tags	Equity, Housing, Land Use, Public Health, Resilience
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Department of Consumer and Business Affairs										
Partners	CDC, CEO, DRP, PW										
Topic Tags	Equity, Housing, Land Use, Public Health, Resilience										

<p>Action 53: Implement substantive resident and small business protection measures to avoid displacement impacts from community investments, including rent control, just cause eviction and "right-to-return" ordinances.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Community Development Corporation</td> </tr> <tr> <td>Partners</td> <td>CEO, DCBA, DRP, PW</td> </tr> <tr> <td>Topic Tags</td> <td>Economy & Workforce, Equity, Housing, Land Use, Public Health, Resilience, Transportation</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Community Development Corporation	Partners	CEO, DCBA, DRP, PW	Topic Tags	Economy & Workforce, Equity, Housing, Land Use, Public Health, Resilience, Transportation
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Community Development Corporation										
Partners	CEO, DCBA, DRP, PW										
Topic Tags	Economy & Workforce, Equity, Housing, Land Use, Public Health, Resilience, Transportation										



LA METRO

Goal 3: Equitable and sustainable land use and development without displacement



Strategy 3E	Targets
<p>Limit development in high-hazard areas</p> <p>The County will proactively address the location of future housing and infrastructure development, with consideration for natural hazards, including those that are being exacerbated by climate change such as wildfires, flooding, extreme heat and sea level rise. Climate science allows us to identify the areas which are most at risk, including floodplains and the urban-wildland interface at the edge of developed areas.</p> <p>Wildfire is an integral component of ecological processes in LA county, but it also poses a risk to lives and is on the rise due to hotter temperatures. Changing precipitation patterns in which longer droughts are punctuated by much more intense rain events will also lead to flood risks, as will rising seas. In planning for these events, it is important to ensure development avoids these dangerous areas.</p>	<p>Countywide:</p> <p>2025 No new discretionary development in high hazard areas</p> <p>2035 No new by-right development in high hazard areas</p>

<p>Action 54: Evaluate the feasibility of Transfer of Development Rights (TDR) and Transfer of Floor Area Rights (TFAR) programs.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Chief Executive Office, Department of Regional Planning</td> </tr> <tr> <td>Partners</td> <td></td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Waste & Resource Management, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Chief Executive Office, Department of Regional Planning	Partners		Topic Tags	Climate, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Waste & Resource Management, Water
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Sphere of influence	Direct Control										
Lead County entity	Chief Executive Office, Department of Regional Planning										
Partners											
Topic Tags	Climate, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Waste & Resource Management, Water										



Action 55: Regularly update the building code, fire code and Hazard Mitigation Plan to reflect best practice in urban-wildlands interface.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	CAL FIRE, CEO, FIRE, LASD, PW
Topic Tags	Climate, Land Use, Public Health, Resilience, Waste & Resource Management

Fire Hazard

CAL FIRE actively monitors areas based on Fire Hazard Severity Zones, which is determined based on factors such as fuel, slope, terrain conditions, and weather patterns. Degrees of fire hazard can range from moderate, high, or very high. While these designations do not specifically identify areas where wildfires will occur, they represent areas where wildfire hazards could be more severe and are of greater concern. Within LA county, there are approximately 647,000 acres of very high fire hazard risk, equivalent to the area of 150 Griffith Parks.

Data Source: CAL FIRE

Fire Hazard
Moderate
High
Very High

Goal 4: A prosperous LA county that provides opportunities for all residents and businesses and supports the transition to clean economy sectors



A clean economy is one that runs on renewable sources of energy, moves away from carbon-intensive fields and helps steer the region towards a low carbon future. Providing support for clean industries and their workforce will help ensure OurCounty plans and goals rest on a strong economic foundation.

Economic transitions have the potential to exacerbate inequality. Communities or workers dependent on fossil fuel use or extraction will face challenges in transitioning to a clean economy. Some job losses, as well as extensive retraining, are expected. But with adequate planning and support, an economic transition can instead have the opposite effect - serving as an opportunity to implement more inclusive economic practices that will reduce inequality and support all residents. A truly “just” transition will protect and support job seekers and current workers (particularly those that are low income and/or reside in disadvantaged communities) to transition into a clean economy with dignity and not bear the costs of change.

County government will support the growth of clean economy sectors through its procurement practices, land use authority and various economic and workforce development incentives. As the largest manufacturing center in the U.S., Los Angeles is a clean technology leader. This innovation can be harnessed for the greater good by supporting local entrepreneurs and connecting them to our diverse, skilled workforce.

How will we work towards achieving this goal?



Strategy 4A

Promote inclusive growth across the changing economy

Strategy 4B

Support wealth-generating activities in disinvested neighborhoods

Goal 4: A prosperous LA county that provides opportunities for all residents and businesses and supports the transition to clean economy sectors



Strategy 4A	Targets
<p>Promote inclusive growth across the changing economy</p> <p>A well-developed and connected workforce will support high-growth sectors in the county while improving economic opportunity for all. Everyone from younger people entering the workforce to career oil and gas workers transitioning to new jobs. Some may move to the clean energy sector, and others will transition to entirely new fields.</p>	<p>Countywide:</p> <p>2025 30,000 living wage job placements from County Workforce Development programs</p> <p>2035 100,000 living wage job placements from County Workforce Development programs</p> <p>2045 200,000 living wage job placements from County Workforce Development programs</p>

<p>Action 56: Collaborate with the City of Los Angeles and others to develop a “Just Transition” plan and task force that examines the impact of the transition to a cleaner economy on disadvantaged workers, identifies strategies for supporting displaced workers and develops recommendations for ensuring inclusive employment practices within growth sectors of the new economy.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Chief Executive Office</td> </tr> <tr> <td>Partners</td> <td>City of Los Angeles, DCBA, DRP, Labor Unions, LAEDC, WDACS</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Economy & Workforce, Energy, Equity, Public Health</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Chief Executive Office	Partners	City of Los Angeles, DCBA, DRP, Labor Unions, LAEDC, WDACS	Topic Tags	Climate, Economy & Workforce, Energy, Equity, Public Health
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Lead County entity	Chief Executive Office										
Partners	City of Los Angeles, DCBA, DRP, Labor Unions, LAEDC, WDACS										
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Action 57: Partner with community-based organizations, educational institutions and the private sector to connect and place target populations with meaningful on-the-job training and employment opportunities with employers within growth sectors of the clean economy.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Workforce Development, Aging and Community Services
Partners	
Topic Tags	Climate, Economy & Workforce, Energy, Equity

Action 58: Select common quantifiable metrics to track the outcomes of all County funded training programs (e.g. graduates, job retention, wages and mobility).

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	WDACS, All departments
Topic Tags	Economy & Workforce

Action 59: Lead or support a regional green chemistry / clean manufacturing incubator that facilitates linkages between developing businesses and workforce development efforts for target populations.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	PW, WDACS, local colleges and universities
Topic Tags	Climate, Economy & Workforce, Waste & Resource Management

Action 60: Engage in partnerships, such as the Transportation Electrification Partnership, to promote the development of local advanced transportation manufacturing and maintenance.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	LAEDC, IDC, Metro, PW, LACI
Topic Tags	Climate, Economy & Workforce, Energy, Equity, Public Health

Goal 4: A prosperous LA county that provides opportunities for all residents and businesses and supports the transition to clean economy sectors

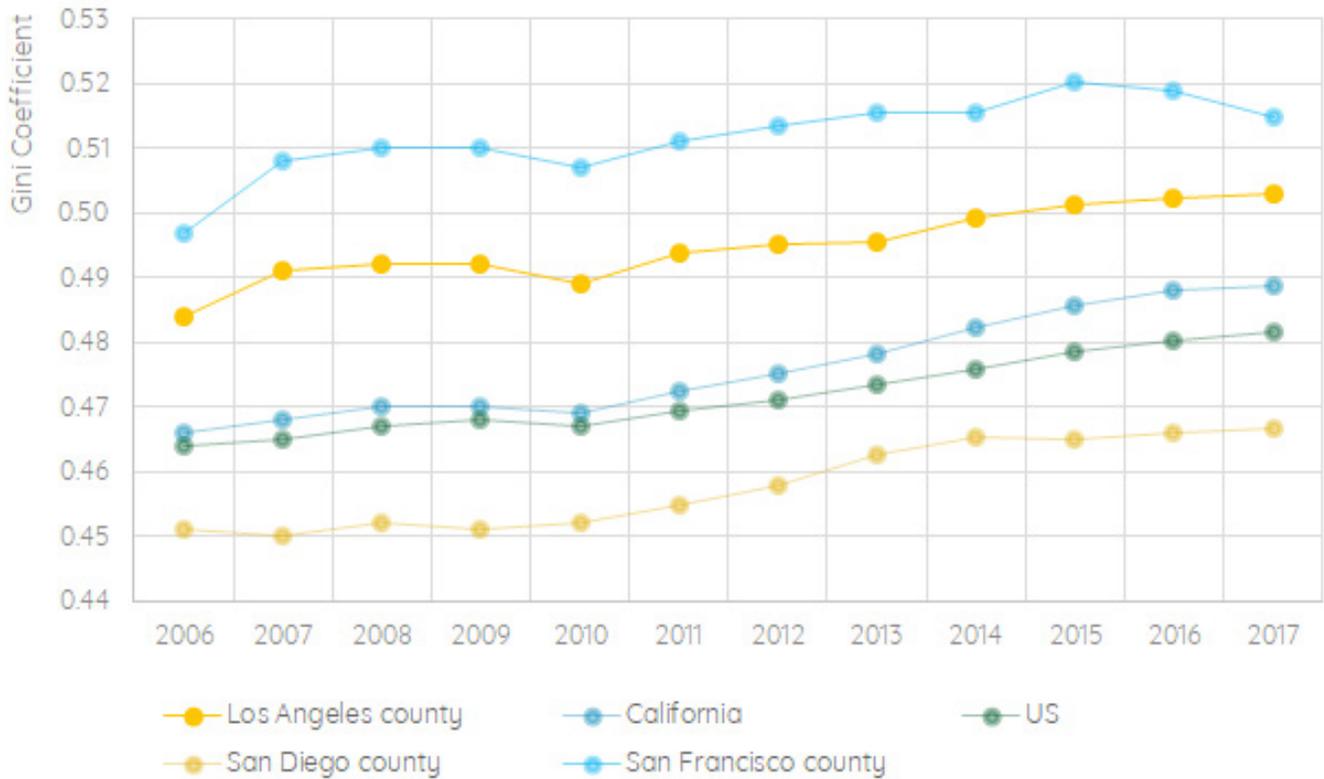


Strategy 4B	Targets
<p>Support wealth-generating activities in disinvested neighborhoods</p> <p>The County can address economic inequality by leveraging sustainability projects to increase access to living wage jobs, and pursuing innovative policy solutions to build wealth in historically impacted communities.</p> <p>Economic equity is inextricably linked to sustainability and resilience, as lack of access to economic opportunity strains health, prosperity and quality of life. Low-income communities are often the least financially equipped to handle the effects of a changing climate such as fires and floods and end up suffering the most.</p> <p>Our efforts to reverse these trends will help to improve economic mobility and opportunities throughout the region.</p>	<p>Countywide:</p> <p>2025 Increase the proportion of residents living above the California poverty line to 80%</p> <p>2035 Increase the proportion of residents living above the California poverty line to 85%</p> <p>2045 Increase the proportion of residents living above the California poverty line to 90%</p>

<p>Action 61: Institute community benefits programs and project labor agreements for all County-managed public infrastructure investments, including local hire programs.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Chief Executive Office</td> </tr> <tr> <td>Partners</td> <td>All departments</td> </tr> <tr> <td>Topic Tags</td> <td>Economy & Workforce, Energy, Equity, Land Use, Landscapes & Ecosystems, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Chief Executive Office	Partners	All departments	Topic Tags	Economy & Workforce, Energy, Equity, Land Use, Landscapes & Ecosystems, Water
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Chief Executive Office										
Partners	All departments										
Topic Tags	Economy & Workforce, Energy, Equity, Land Use, Landscapes & Ecosystems, Water										



Gini Coefficients for Select Geographies



Gini Index

The Gini index or Gini coefficient, an indicator of income inequality, has been increasing in LA county over recent years to just above 0.5 in 2017. Where “0” represents perfect income equality and “1” represents

Data Source: US Census Bureau

perfect inequality, Los Angeles county is somewhere in the middle. Comparatively, the US as a whole had a Gini coefficient of approximately 0.48 in 2017 while San Francisco county had a Gini coefficient of above 0.51.

Action 62: Promote the development and growth of community land trusts for the provision of permanently affordable rental and ownership housing, including by identifying appropriate public land.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Regional Planning
Partners	CEO, DCBA
Topic Tags	Equity, Housing, Land Use, Public Health

Goal 5: Thriving ecosystems, habitats and biodiversity



LA county's landscapes and ecosystems span mountains, deserts, beaches and islands. The region is home to the largest set of threatened and endangered plants and animals in the continental United States, and is the most urbanized area to be designated one of Conservation International's global Biodiversity Hotspots.

In addition to providing habitats for flora and fauna to thrive, the diverse landscapes throughout LA county offer residents and communities with areas to be active and exercise or relax, greatly improving health and emotional well-being.

The region's ecosystems, habitats and biodiversity are under stress from urbanization and climate change. Loss of biodiversity impacts our health, food, air quality and culture among other important aspects of our quality of life. For example, a decrease in biodiversity increases the vulnerability of plants and animals to pests and diseases. Careful planning is needed to ensure that our ecosystems—including the region's urban habitats—thrive even as our region becomes increasingly urbanized.

The County of Los Angeles will redouble its efforts to protect our ecosystems, habitats and rich biodiversity and allow them to flourish for the benefit of all county residents, flora and fauna.

How will we work towards achieving this goal?



Strategy 5A

Increase habitat quality, connectivity and native biodiversity in the region

Strategy 5B

Preserve open space and priority ecological areas



Strategy 5A	Target
<p>Increase habitat quality, connectivity and native biodiversity in the region</p> <p>Los Angeles county is an international biodiversity hotspot and maintaining a high level of biodiversity requires effective and efficient management. For example, the linkages between habitats are critical to maintaining healthy populations of many species, especially large carnivores that require more space. Habitat linkages also provide opportunities for species' range shifts that may occur in response to climate change, urbanization, or other disturbances.</p> <p>Biodiversity is also an essential part of combating climate change. The destruction of forest ecosystems is responsible for 11 percent of all global greenhouse gas emissions caused by humans. Conserving forests will prevent the release of greenhouse gases into the atmosphere. Los Angeles county is home to a diverse array of native plants and animals, which are inseparable from our regional identity.</p> <p>The County government has a large role to play in protecting our diverse and rich habitats. The County has influence over large swaths of unincorporated land, including many of the region's waterways that were heavily altered through channelization to provide flood protection such as the LA River. The County also has influence over smaller pieces of land, interspersed throughout urban spaces.</p> <p>One of the first steps is to develop a better understanding of baseline biodiversity through the completion of a countywide Biodiversity Index.</p>	<p>Countywide:</p> <p>Ongoing</p> <p>No net loss of native biodiversity</p>



Taxa Group	Species Total	Endangered			Threatened		Candidate	Locally Extinct
		State	Federal	Both State & Federal	State	Federal		
Birds	462	1	1	3	0	2	0	5
Mammals	72	0	8	0	0	1	1	2
Amphibians	16	0	2	0	0	1	0	0
Reptiles	68	0	1	0	0	2	0	2
Insects	1,372	0	2	0	0	0	0	1
Arachnids	127	0	0	0	0	0	0	0
Mollusks	355	0	2	0	0	0	0	0
Fish	123	0	3	1	0	0	0	0
Plants	1,661	2	2	10	0	6	0	6
Totals	4,256	3	21	14	0	12	1	16

Species Count

Within Los Angeles county, there are 4,256 distinct species recorded through iNaturalist, with plants and insects being the most diverse taxa groups recorded.

Of these species, 50 are listed as threatened or endangered.

Data Sources: iNaturalist, U.S. Fish and Wildlife Service, eBird, Consortium of California Herbaria

Action 63: Create a countywide Biodiversity Index to generate a quantitative evaluation/assessment tool for measuring species richness, distribution and threats to native biodiversity and use the index to inform the development of biodiversity strategies.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	Conservancies, DBH, DRP, MRCA, RCD, SMMC, universities
Topic Tags	Landscapes & Ecosystems

Goal 5: Thriving ecosystems, habitats and biodiversity



Action 64: Establish comprehensive and coordinated management guidelines for local waterways, which balance priorities such as water management, habitat, biodiversity and community preference.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	Cities, Army Corps of Engineers
Topic Tags	Landscapes & Ecosystems, Resilience, Water

Action 65: Make urban ecology a key consideration in municipal initiatives, including but not limited to open space plans, green infrastructure projects and development plans.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Regional Planning, Department of Parks and Recreation
Partners	DBH, PW
Topic Tags	Landscapes & Ecosystems

Action 66: Increase coordination amongst and expand training of County personnel with regards to promoting native and climate-resilient species selection, biodiversity, habitat quality and connectivity.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office, Department of Parks and Recreation
Partners	CIO, conservancies, DBH, DRP, FIRE, MRCA, PW, RCD, SMMC
Topic Tags	Landscapes & Ecosystems, Resilience

Action 67: Increase the number of native plants, trees and pollinator/bird friendly landscapes on public properties for education and habitat connectivity.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Parks and Recreation
Partners	School districts, DBH, NHM
Topic Tags	Landscapes & Ecosystems





Strategy 5B

Preserve and enhance open space and priority ecological areas

Protected Areas are lands that are owned in fee and protected for open space purposes by federal, state, county and local governments and non-profit organizations. There are 886,443 acres of protected public lands in LA county, an area larger than the state of Rhode Island, which comprises 34% of county land area. Areas that are protected can support long term conservation of habitats and species, promote soil health and provide opportunities for outdoor recreation and ecological discovery.

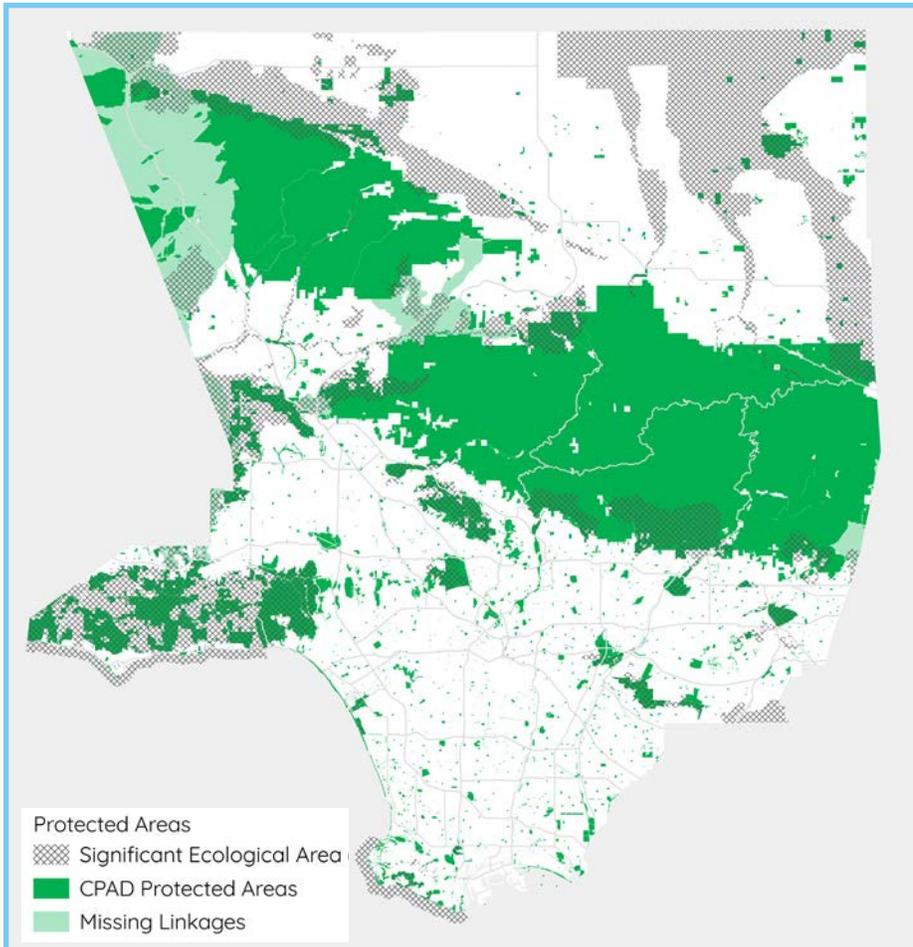
The County will lead by intensifying its efforts to observe land protections, identify new priority ecological sites and species and partner with other jurisdictions to align policies and programs affecting regional open space.

Action 68: Develop a countywide parks and open space master plan to acquire, preserve, restore, and protect available open space areas, and improve public access to open space, especially for residents in high park need areas.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Department of Regional Planning
Partners	Conservancies, DBH, DPR, FIRE, MRCA, RCD, SCAG, SMMC
Topic Tags	Land Use, Landscapes & Ecosystems

Action 69: Develop and implement a strategy to preserve and protect priority ecological sites, supporting sites and priority species (including but not limited to significant ecological areas, habitat connections, terrestrial streams, wetlands and aquatic habitats).

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Parks and Recreation
Partners	DBH, DPR, State agencies
Topic Tags	Land Use, Landscapes & Ecosystems, Water



Protected Areas

Approximately 34% of LA county is protected public land that is managed by federal, state, and local agencies as well as conservancies such as the Santa Monica Mountains Conservancy and the Baldwin Hills Conservancy. A subset of protected areas in the county are Significant Ecological Areas (SEA) that are officially designated and regulated through the land use process to conserve genetic and physical diversity. Protected areas in LA county provide long term conservation of habitats and species, as well as a range of other benefits.

Linkages, or connections, between habitats are critical to maintaining healthy populations of many species, and provide opportunities for species' range shifts to occur in response to climate change, urbanization, or other disturbances. With respect to critical habitat linkages identified in the Southern Coast Wildlands report in 2008, as of 2018 only 57.4% of those zones are protected at any level.

Data Sources: Department of Regional Planning, California Protected Areas Database (CPAD), Southern Coast Wildlands, UCLA analysis

Goal 6: Accessible parks, beaches, recreational waters, public lands and public spaces that create opportunities for respite, recreation, ecological discovery and cultural activities



Parks and public spaces are gathering places for our communities, gateways to exercise and healthy living and places for children to explore, learn and grow. Public spaces can also serve to enhance community resilience by providing needed refuge, with access to sinks, kitchens, bathrooms and shelter for emergencies.

As a result of discriminatory land use practices and unequal public investment, low-income communities and communities of color commonly reside in areas of LA county that have less access to parks and recreation among other resources like jobs, high quality schools and health care. There are also disparities in the quality of park space, with parks in low-income neighborhoods often having sparser vegetation and fewer amenities.

To remedy these inequities, the County will help make parks more accessible and inclusive and will manage them carefully so that all residents may enjoy their benefits.

How will we work towards achieving this goal?



Strategy 6A

Improve access to parks, beaches, recreational waters, public lands, and public spaces

Strategy 6B

Adopt inclusive design and programming for parks, beaches, public lands and public spaces

Strategy 6C

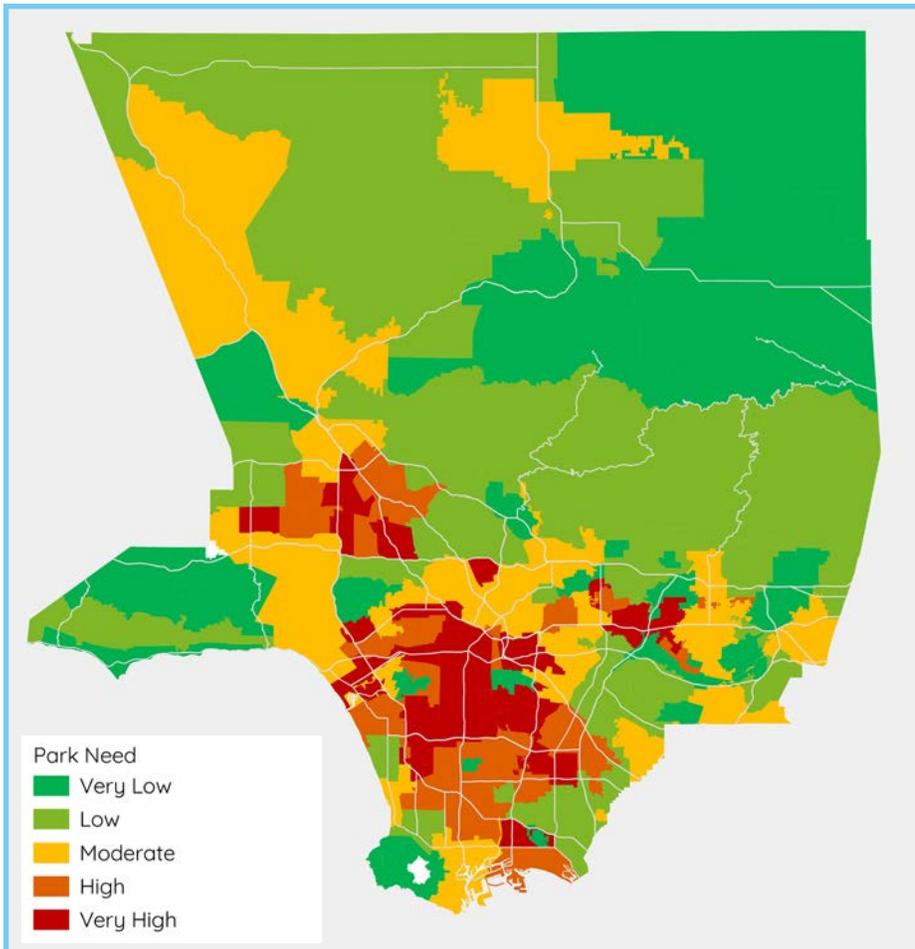
Utilize sustainability best practices in the design and management of parks and recreational facilities

Goal 6: Accessible parks, beaches, recreational waters, public lands and public spaces that create opportunities for respite, recreation, ecological discovery and cultural activities



Strategy 6A	Targets
<p>Improve access to parks, beaches, recreational waters, public lands, and public spaces</p> <p>Parks, public lands and public spaces are important amenities for neighborhoods and can serve as gathering places for the entire community. Gathering places can help build social connectedness, which improves a community's ability to deal with disasters and overall resilience. They can also serve as a refuge during disasters. OurCounty actions intend to grow these assets and improve access to these areas.</p>	<p>Countywide:</p> <p>2025</p> <p>Increase per capita park area by 4,000 acres in very high and high need areas (2016 baseline)</p> <p>Increase proportion of residents within a half mile of parks and open space to 65%</p> <p>2035</p> <p>Increase per capita park area by 5,500 acres in very high and high need areas</p> <p>Increase proportion of residents within a half mile of parks and open space to 75%</p> <p>2045</p> <p>Increase per capita park area by 11,850 acres in very high and high need areas</p> <p>Increase proportion of residents within a half mile of parks and open space to 85%</p>

<p>Action 70: Work with cities and across agencies to plan, implement and maintain parks, greenways, plazas (and other public spaces), vacant lot adoptions and joint-use green schoolyards in those neighborhoods with high park need and/or missing habitat linkages.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Parks and Recreation</td> </tr> <tr> <td>Partners</td> <td>Cities, DPH, DRP, PW, LA County JUMPP Coalition, libraries, school districts</td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Landscapes & Ecosystems, Public Health</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Department of Parks and Recreation	Partners	Cities, DPH, DRP, PW, LA County JUMPP Coalition, libraries, school districts	Topic Tags	Equity, Landscapes & Ecosystems, Public Health
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Measuring Park Need

Adopted by the Board of Supervisors in July 2016, the Countywide Comprehensive Parks and Recreation Needs Assessment documented existing parks and recreation facilities in cities and unincorporated communities to determine the scope, scale, and location of park need in LA county. Such areas vary considerably in their locations and socio-economic and demographic characteristics, and include Van Nuys, Boyle Heights, and Venice. Areas with high park need have an average of 1.6 acres of park land, while areas with very high need have less than an acre of park land per 1,000 residents. Areas in high park need would have to add a combined total of more than 3,250 acres of new park land in order to provide the county average of 3.3 acres per 1,000 residents. Areas with very high need would need to add a combined total of more than 8,600 acres of new park land in order to provide 3.3 acres per 1,000 residents.

Data Source: Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment

Goal 6: Accessible parks, beaches, recreational waters, public lands and public spaces that create opportunities for respite, recreation, ecological discovery and cultural activities



Action 71: Implement Community Parks and Recreation Plans and park projects identified in the Countywide Parks and Recreation Needs Assessment, with priority given to those in Very High and High Need Study Areas.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Parks and Recreation
Partners	
Topic Tags	Equity, Landscapes & Ecosystems, Public Health

Action 72: Enhance transit, scooter, bicycle, pedestrian, shared ride connectivity to open spaces, parks, beaches, mountains and recreation facilities, especially in communities with high park need.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	DBH, DPR, Metro
Topic Tags	Air Quality, Climate, Energy, Equity, Landscapes & Ecosystems, Public Health, Transportation





LA COUNTY LIBRARY

Goal 6: Accessible parks, beaches, recreational waters, public lands and public spaces that create opportunities for respite, recreation, ecological discovery and cultural activities



Strategy 6B

Adopt inclusive design and programming for parks, beaches, public lands and public spaces

It is important to ensure that parks are designed for every user type across ages and abilities. Universal design principles adopted and enforced across the county will ensure that every park is accessible to every user and they provide resources equitably across the

region. Further, inclusive parks will integrate a diverse mix of programming so that they are inviting spaces for a range of users. Our parks are to be shared among everyone.

<p>Action 73: Expand programming hours and provide a variety of recreational and educational opportunities, especially in communities with high park need, such as the "Parks after Dark" program, farmer's markets, outdoor concerts, movie screenings and culturally relevant sports and activities.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Horizon</td> <td>Short Term</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Lead County entity</td> <td>Department of Beaches & Harbors, Department of Parks and Recreation</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Partners</td> <td>DPH, LACAC</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Topic Tags</td> <td>Equity, Landscapes & Ecosystems, Public Health, Resilience</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Beaches & Harbors, Department of Parks and Recreation	Partners	DPH, LACAC	Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Department of Beaches & Harbors, Department of Parks and Recreation										
Partners	DPH, LACAC										
Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience										

<p>Action 74: Adopt and implement the Principles of Universal Design for County parks, open space and natural areas to be usable by all people of different ages and abilities without the need for adaptation or specialized design.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Horizon</td> <td>Short Term</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Lead County entity</td> <td>Department of Beaches & Harbors, Department of Parks and Recreation</td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Partners</td> <td></td> </tr> <tr> <td style="border-top: 1px dotted black; border-bottom: 1px dotted black;">Topic Tags</td> <td>Equity, Landscapes & Ecosystems, Public Health, Resilience, Transportation</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Beaches & Harbors, Department of Parks and Recreation	Partners		Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience, Transportation
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Department of Beaches & Harbors, Department of Parks and Recreation										
Partners											
Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience, Transportation										



Action 75: Integrate artists, cultural organizations and community members in planning processes and project development for parks, public lands and public spaces.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Arts Commission
Partners	DBH, DPR
Topic Tags	Equity, Landscapes & Ecosystems, Public Health, Resilience





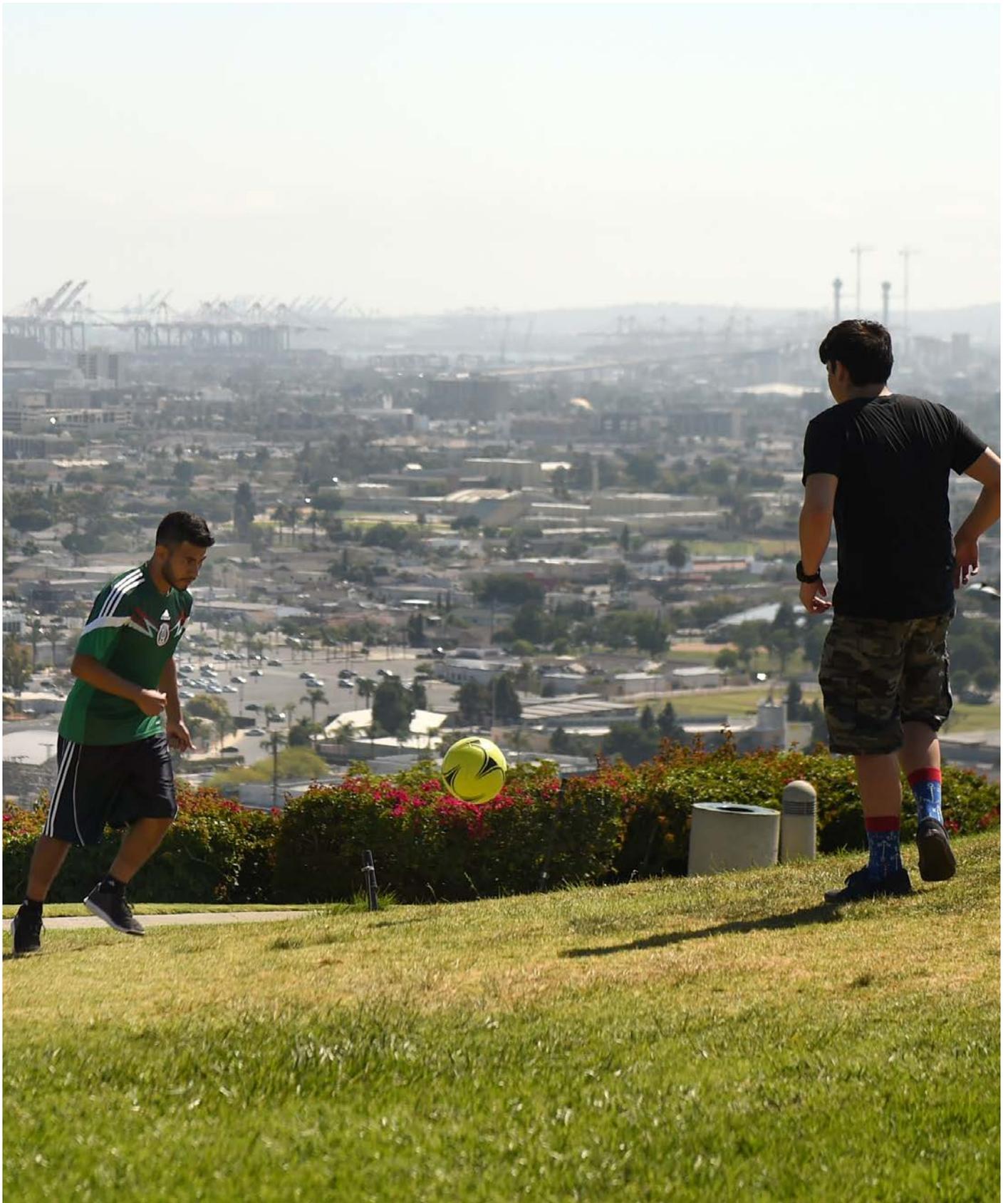
Strategy 6C

Utilize sustainability best practices in the design and management of parks and recreational facilities

As new parks are created and older ones renovated and expanded, the County will develop a vision for parks and facilities that follows best practices in design and operations such as the Sustainable Sites Initiative rating system.

Adopting best practices in design and management will help our parks to be more water and energy efficient, healthy and safe and conscious of surrounding areas and wildlife so that they integrate seamlessly with neighboring areas.

<p>Action 76: Design, renovate and manage parks and facilities to meet the Sustainable Sites Initiative’s gold certification for sustainable and resilient land development projects.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Horizon</td> <td style="padding: 5px;">Short Term</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Sphere of influence</td> <td style="padding: 5px;">Direct Control</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Lead County entity</td> <td style="padding: 5px;">Department of Parks and Recreation</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 5px;">Partners</td> <td style="padding: 5px;">DBH, PW</td> </tr> <tr> <td style="padding: 5px;">Topic Tags</td> <td style="padding: 5px;">Air Quality, Climate, Energy, Land Use, Landscapes & Ecosystems, Public Health, Transportation, Waste & Resource Management, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Parks and Recreation	Partners	DBH, PW	Topic Tags	Air Quality, Climate, Energy, Land Use, Landscapes & Ecosystems, Public Health, Transportation, Waste & Resource Management, Water
Horizon	Short Term										
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Partners	DBH, PW										
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Goal 7: A fossil fuel-free LA county



To meet the County’s commitment to the goals of the Paris Climate Agreement, we will move toward a clean energy system that quickly and drastically reduces our greenhouse gas emissions. We are working alongside many cities, counties, states and nations around the world that aim to limit the global temperature increase to 1.5 degrees Celsius above pre-industrial levels to protect our environments, vulnerable populations, ecosystems and future generations.

By eliminating fossil fuel production in the county, including drilling, production, and refining, the County will protect its residents from harmful local pollution that inequitably burdens low-income communities and communities of color. By significantly addressing the sources of pollution, we will bring cleaner air to our communities while also limiting the magnitude of imminent dangers that climate change will bring.

These dangers include more frequent and larger wildfires, extreme heat, more frequent and prolonged periods of drought punctuated by more severe storms that cause local flooding, greater risk of the spread of disease and rising seas that threaten our coastal communities. By eliminating fossil fuels, we are seeking to mitigate global climate change and its impacts throughout the region.

How will we work towards achieving this goal?



Strategy 7A

Transition to a clean energy system that reduces air and climate pollution and that minimizes the dangers of a changing climate to our communities and economy

Strategy 7B

Create a zero-emission transportation system



Strategy 7A	Targets
<p>Transition to a clean energy system that reduces air and climate pollution and that minimizes the dangers of a changing climate to our communities and economy</p> <p>The region’s energy supply depends heavily on fossil fuels that are exacerbating the effects of climate change and impacting air quality in our communities. OurCounty will support improvements to the supply systems throughout the county, including local renewable energy generation and improved infrastructure to accelerate the shift towards clean energy. These improvements will allow our energy supply infrastructure to be more resilient to climate impacts as it moves away from carbon-based fuels towards zero net emissions of greenhouse gases (i.e. carbon neutrality). OurCounty will work to ensure the improvements are crafted in ways such that all residents of the region can share in the benefits.</p>	<p>Countywide:</p> <p>2025 Achieve a 25% reduction in greenhouse gas emissions (2010 baseline) 3 GW of new distributed energy resources (2016 baseline)</p> <p>2035 Achieve a 50% reduction in greenhouse gas emissions 6 GW of new distributed energy resources</p> <p>2045 10 GW of new distributed energy resources</p> <p>2050 Achieve carbon neutrality</p> <p>County Operations:</p> <p>2025 All County facilities to be powered by 100% renewable energy Achieve a 25% reduction in greenhouse gas emissions (2010 baseline)</p> <p>2035 Achieve a 50% reduction in greenhouse gas emissions</p> <p>2045 Achieve carbon neutrality</p>

<p>Action 77: Commit to 100% renewable energy supply for unincorporated areas and County facilities.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Chief Executive Office</td> </tr> <tr> <td>Partners</td> <td>CPA, ISD, PW</td> </tr> <tr> <td>Topic Tags</td> <td>Air Quality, Climate, Energy, Equity</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Chief Executive Office	Partners	CPA, ISD, PW	Topic Tags	Air Quality, Climate, Energy, Equity
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Chief Executive Office										
Partners	CPA, ISD, PW										
Topic Tags	Air Quality, Climate, Energy, Equity										



Existing Action Highlight: Clean Power Alliance

Initiated through the Chief Sustainability Office, the Clean Power Alliance was created in 2017 to provide cost competitive electric services that integrate and support renewable energy supplies and their growth. The alliance is a joint powers authority that includes 32 jurisdictions across LA and Ventura Counties (as of March 2019) representing 3 million residents. Residents

and businesses within the member jurisdictions may choose their energy supply among three choices: Lean Power (36% renewables), Clean Power (50% renewables) and 100% Green Power (100% renewables) and today nearly 30% of customers are receiving the Green Power 100% renewable energy product.

Action 78: Collaborate with the City of Los Angeles to develop a sunset strategy for all oil and gas operations that prioritizes disproportionately affected communities.

Horizon	Medium-to-Long Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	DOGGR, DPH, DRP
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water

Action 79: Collaborate with the City of Los Angeles to adopt a building decarbonization reach code for new development.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	
Topic Tags	Air Quality, Climate, Energy, Housing, Public Health

Action 80: Develop a publicly-accessible community energy map that identifies opportunities for deploying distributed energy resources and microgrids in order to improve energy resiliency in disadvantaged communities.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Chief Executive Office
Partners	PW, Utilities
Topic Tags	Air Quality, Climate, Energy, Equity, Public Health, Resilience

Goal 7: A fossil fuel-free LA county



Action 81: Investigate low or no cost options to provide community shared solar facilities on County property.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Chief Executive Office, Internal Services Department
Partners	PW, Utilities
Topic Tags	Climate, Energy, Equity, Resilience

Action 82: Maximize the installation of solar and/or energy storage systems on County property whenever cost-effective.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Internal Services Department
Partners	CDC, DHS, FIRE, LASD, PW
Topic Tags	Climate, Energy, Equity, Resilience

Action 83: Support development of an equitable investment plan that identifies needed improvements to electricity and natural gas transmission, distribution and storage systems and supports local clean energy resources.

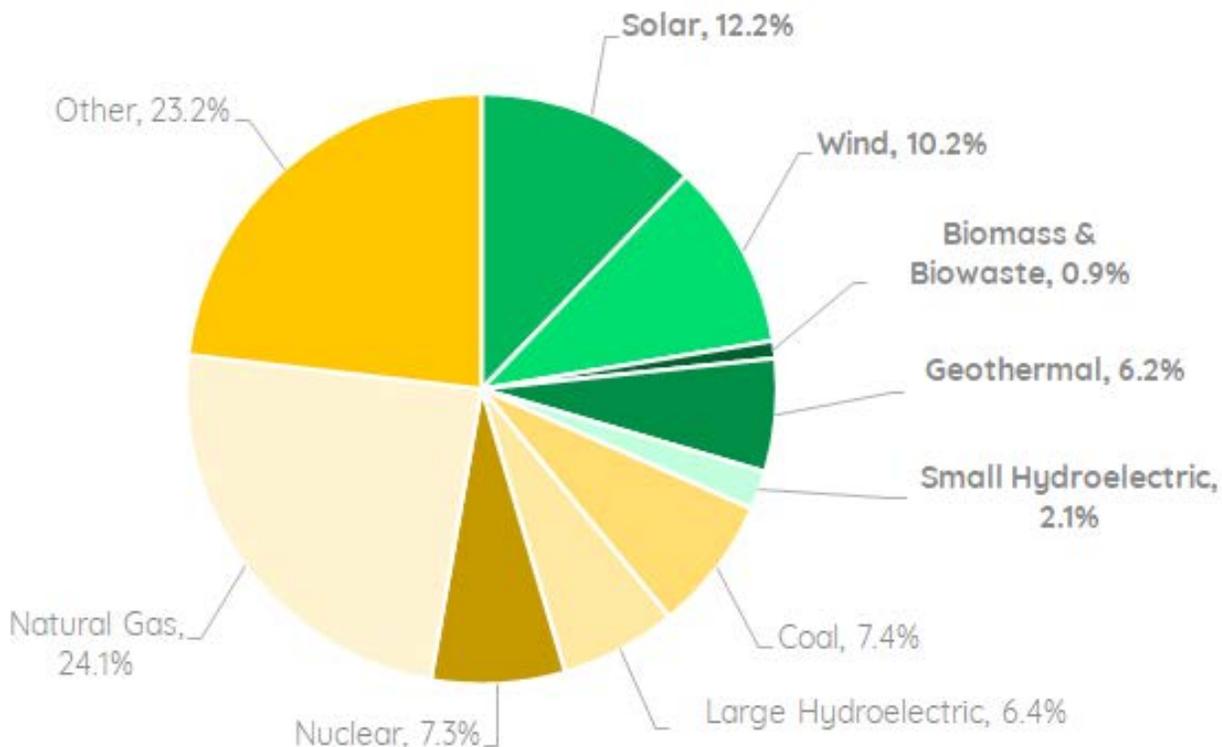
Horizon	Medium Term
Sphere of influence	Indirect Control
Lead County entity	Chief Executive Office
Partners	DRP, ISD, PW, Utilities
Topic Tags	Climate, Energy, Equity, Resilience, Funding & Financing

Action 84: Develop a strategy to eliminate fossil fuels in County operated co-generation facilities.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Internal Services Department
Partners	
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Landscapes & Ecosystems, Public Health, Resilience, Water



Electric Grid Sources 2017



Electric Grid Mix

Although renewables are providing an increasingly large share of our electricity, most of electricity currently used in LA county is supplied from fossil fuel power plants.

As of 2017, approximately 7.4% of LA county's electricity came from coal and approximately 32% was supplied by renewable sources.

Data Source: Draft 2015 Los Angeles County Greenhouse Gas Emissions Inventory



INTERNAL SERVICES DEPARTMENT



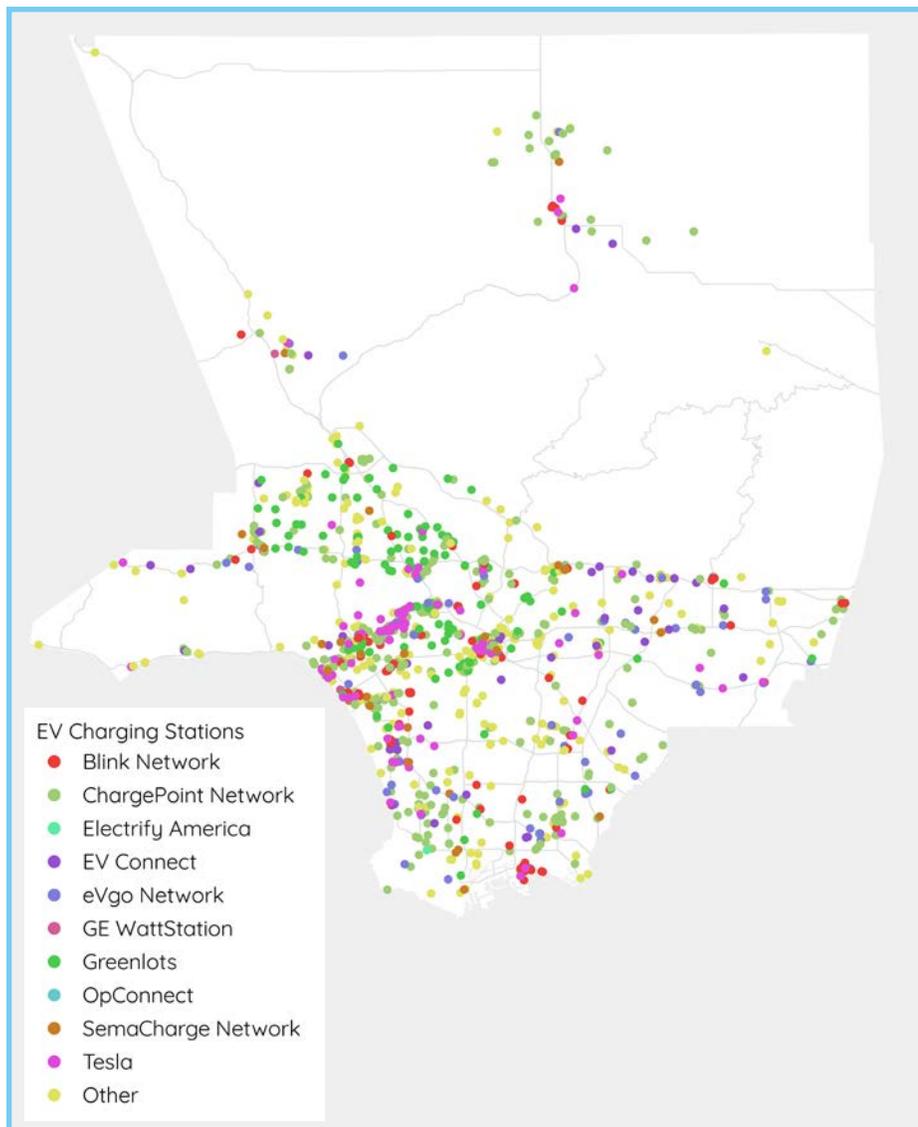
Strategy 7B	Targets
<p>Create a zero-emission transportation system</p> <p>Los Angeles county is the birthplace of air quality science. The latest science tells us that a rapid adoption of zero-emission vehicles and infrastructure throughout the transportation system will reduce the negative impacts of the transportation sector on residents, especially those who live near major roadways.</p> <p>Most notably, when combined with cleaner sources of electricity and an overall reduction in vehicle miles traveled, a zero-emission transportation system will reduce pollution and deliver cleaner air. A key to this transformation is a commitment to transitioning from fossil fuel combustion to zero-emission vehicle technologies.</p> <p>The transportation sector is rapidly evolving, with new technologies and business models presenting new mobility options to consumers at a breakneck pace. These emerging trends provide opportunities to reduce emissions and expand access and mobility. However, public agencies will need to keep up the pace to address safety, sidewalk accessibility and other issues to enable the benefits for all residents.</p>	<p>Countywide:</p> <p>2025 60,000 new public EV charging stations (2018 baseline) 30% of all new light-duty private vehicles are zero-emission vehicles</p> <p>2035 130,000 new public EV charging stations 80% of all new light-duty private vehicles are zero-emission vehicles</p> <p>2045 100% of all new light-duty private vehicles are zero-emission vehicles</p> <p>County Operations:</p> <p>2025 5,000 EV charging stations at County facilities 100% of new non-emergency light duty vehicle purchases to be zero-emission vehicles</p> <p>2035 15,000 EV charging stations at County facilities 100% medium-duty vehicle and emergency light-duty vehicle purchases to be zero-emission</p> <p>2045 100% of all vehicles in the County fleet to be zero-emission</p>



EV Chargers

In order to scale up the adoption of electric vehicles (EVs), a robust network of charging stations is needed in order to facilitate reliable and efficient long-distance travel by EV. Currently, there are approximately 1,010 EV charging stations in LA county, up from just 101 in January 2012.

Data Source: U.S. Department of Energy



Action 85: Streamline permitting and construction of zero-emission vehicle infrastructure.

Horizon	Medium Term
Sphere of influence	Indirect Control
Lead County entity	Department of Parks and Recreation, Los Angeles County Public Works, Fire Department
Partners	DRP
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Public Health, Transportation

Goal 7: A fossil fuel-free LA county



Action 86: Install electric vehicle (EV) chargers at County facilities and properties for public, employee and fleet use.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Internal Services Department
Partners	FIRE, LASD, PW
Topic Tags	Air Quality, Climate, Energy, Public Health, Transportation

Action 87: Revise and regularly update the County's fleet policy to require zero-emission vehicles whenever possible.

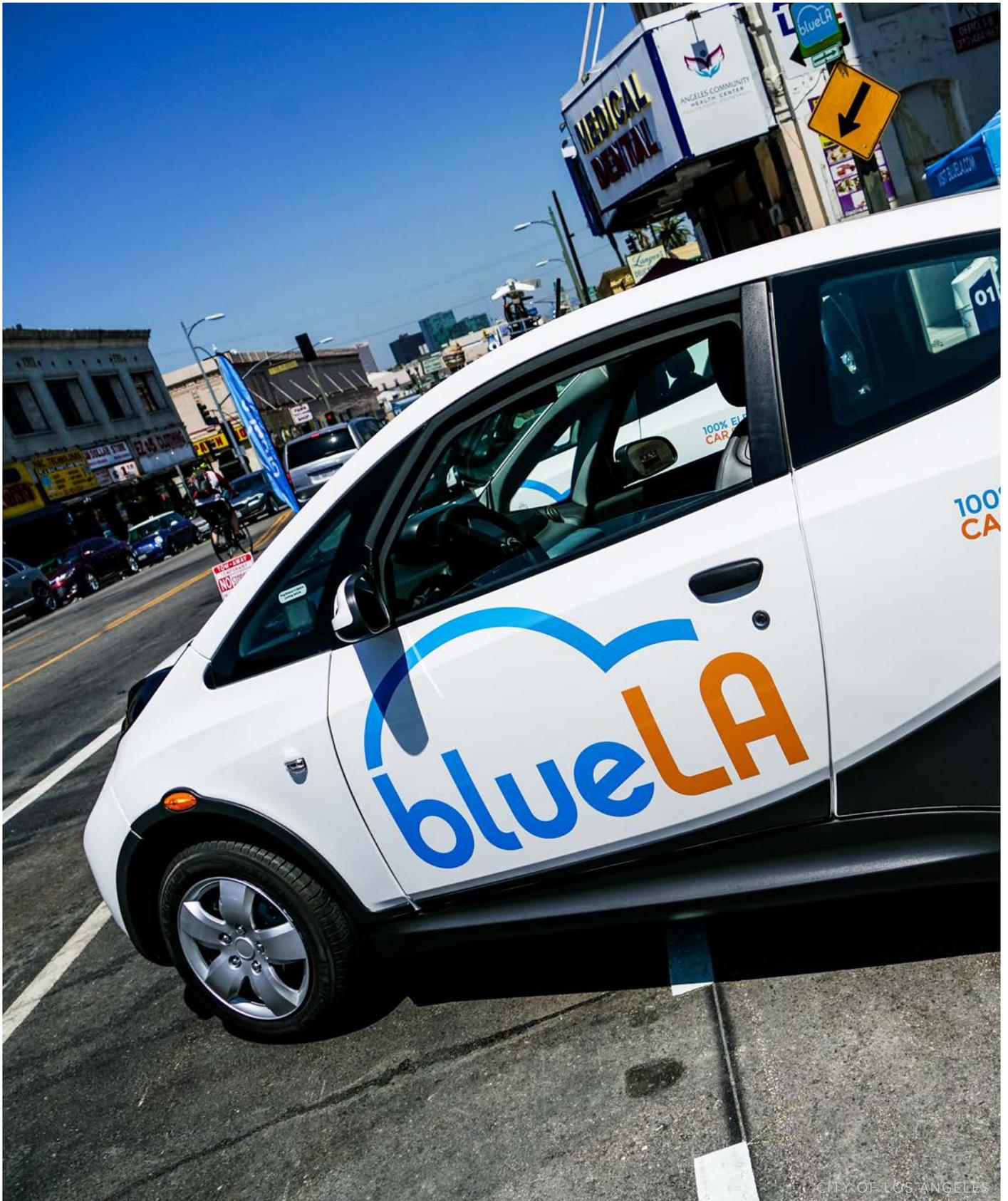
Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Internal Services Department
Partners	CEO, DPR, PW
Topic Tags	Air Quality, Climate, Energy, Public Health, Transportation

Action 88: Convert Sheriff's Department (LASD) fleet to zero-emission by partnering with vehicle manufacturers to develop a zero-emission pursuit vehicle and transport bus.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Sheriff's Department
Partners	
Topic Tags	Air Quality, Energy, Public Health, Transportation

Action 89: Partner with Los Angeles Fire Department (LAFD) and equipment manufacturers to pilot a zero-emission fire engine.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	FIRE
Partners	Los Angeles Fire Department
Topic Tags	Air Quality, Climate, Energy, Public Health, Transportation



CITY OF LOS ANGELES

Goal 8: A convenient, safe, clean and affordable transportation system that enhances mobility and quality of life while reducing car dependency



A modern transportation system provides residents of all ages and abilities with access to reliable, safe, affordable and varied mobility choices that reduce pollution. A well-functioning transportation system gets residents to their destinations while reducing air and climate pollution and provides a cleaner environment for all.

For decades, government and other institutions have prioritized private vehicle travel at the expense of other modes—nationally as well as here in LA county. Today, automobile infrastructure dominates the built environment. Most county residents take the majority of trips in private vehicles, emitting vast quantities of harmful pollutants into the air. By developing programs that focus on reducing the number of miles people travel in private vehicles, the County will help people choose alternatives to single-occupancy vehicles, and at the same time expand residents' mobility, including those residents whose limited automobile access translates to stifled economic opportunity.

The County will also formalize its recognition of transit as the most efficient way to move people. Transit will be the backbone of the transportation system around which other modes and new technologies, like walking, biking, e-scooters and zero-emission car-share service can support a reduction in vehicle miles traveled.

How will we work towards achieving this goal?



Strategy 8A

Reduce vehicle miles traveled by prioritizing alternatives to single occupancy vehicles

Strategy 8B

Improve transportation health and safety outcomes

Goal 8: A convenient, safe, clean and affordable transportation ecosystem that expands mobility while reducing car dependency

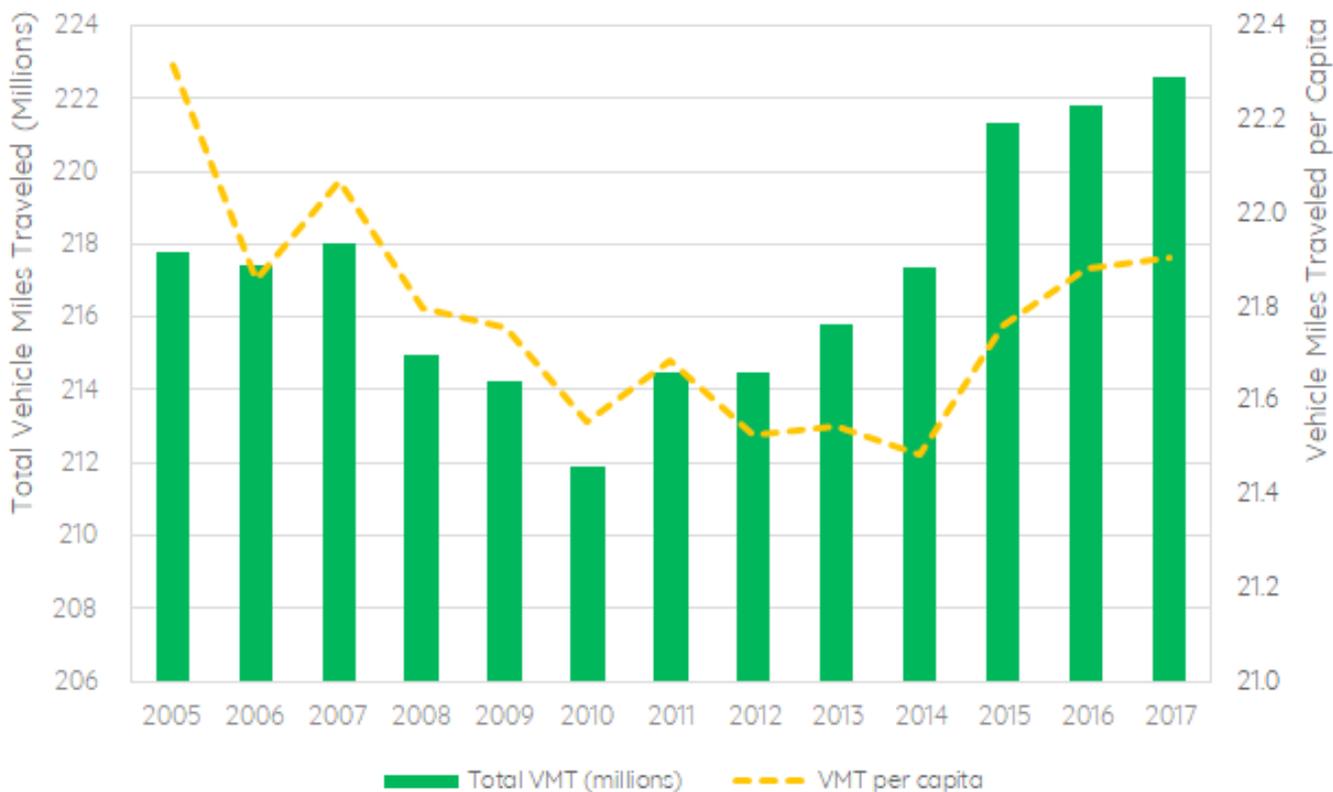


Strategy 8A	Targets
<p>Reduce vehicle miles traveled by prioritizing alternatives to single occupancy vehicles</p> <p>Policies and programs that lower the need to use single occupancy and privately-owned vehicles promote health and reduce the impact of cars on the environment. LA county voters have taken steps to commit to public transit through the passage of Measures R and M over the past decade.</p> <p>Providing real alternatives to sitting alone in a car promotes a better quality of life not just for those who have a car, but also for those who do not currently have access to a car. The emergence of multiple new modes of transportation, linked to 21st-century technology, has the potential to change our county’s transportation network dramatically, yet so far private passenger vehicles are traveling more miles than ever.</p> <p>By proactively engaging with new transportation options, the County can increase the likelihood that people choose alternatives to private vehicles and that these alternatives are equitably implemented.</p> <p>Shifting away from a car-dominated approach will also help free up land and infrastructure currently storing automobiles so that it can be used for housing, public space and other people-centered priorities; a 2015 study estimated 25% of the county’s incorporated land is devoted to roadways and parking with 14% committed to parking alone.</p>	<p>Countywide:</p> <p>2025</p> <p>At least 15% of all trips will be by foot, bike, micromobility, or public transit</p> <p>Reduce average daily vehicle miles traveled (VMT) per capita to 20 miles</p> <p>2035</p> <p>At least 30% of all trips will be by foot, bike, micromobility, or public transit</p> <p>Reduce average daily vehicle miles traveled (VMT) per capita to 15 miles</p> <p>2045</p> <p>At least 50% of all trips will be by foot, bike, micromobility, or public transit</p> <p>Reduce average daily vehicle miles traveled (VMT) per capita to 10 miles</p>

<p>Action 90: Partner with other local jurisdictions and transit agencies such as the City of Los Angeles and Metro to develop and implement a “Transit First” policy and mobility advocacy campaign that is consistent with and supportive of the County’s Vision Zero Plan.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>City of Los Angeles, Metro and other transit agencies</td> </tr> <tr> <td>Topic Tags</td> <td>Public Health, Transportation</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Los Angeles County Public Works	Partners	City of Los Angeles, Metro and other transit agencies	Topic Tags	Public Health, Transportation
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Los Angeles County Public Works										
Partners	City of Los Angeles, Metro and other transit agencies										
Topic Tags	Public Health, Transportation										



Average Daily Vehicle Miles Traveled



Vehicle Miles Traveled

Total vehicle miles traveled is one potential indicator of an area's dependence on single occupant vehicle travel. These modes of travel, while traditionally the most convenient option, are carbon and resource intensive.

Data Source: Caltrans

Despite public transit expansion in recent years, average daily vehicle miles traveled has been trending upwards and was at nearly 21.9 vehicles miles traveled per person per day in 2017.

Action 91: Support Metro's efforts to study congestion pricing and amplify considerations of equity.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Department of Public Health, Los Angeles County Public Works
Partners	Metro, PW
Topic Tags	Air Quality, Climate, Energy, Equity, Public Health, Transportation

Goal 8: A convenient, safe, clean and affordable transportation ecosystem that expands mobility while reducing car dependency



<p>Action 92: Install bus-only lanes and signal prioritization along major thoroughfares and work with transit agencies and neighboring jurisdictions to plan and install full bus rapid transit infrastructure along priority corridors.</p>	Horizon	Short-to-Medium Term
	Sphere of influence	Direct Control, Indirect Control
	Lead County entity	Los Angeles County Public Works
	Partners	Metro and other transit agencies
	Topic Tags	Air Quality, Climate, Energy, Equity, Public Health, Transportation

<p>Action 93: Eliminate minimum parking requirements for all new residential units and implement parking maximums within ½ mile of a high quality transit stop.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Department of Regional Planning
	Partners	PW
	Topic Tags	Air Quality, Climate, Energy, Housing, Land Use, Public Health, Transportation

<p>Action 94: Incentivize developers to provide less than the maximum allowed parking.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Department of Regional Planning
	Partners	
	Topic Tags	Air Quality, Climate, Energy, Housing, Land Use, Public Health, Transportation

<p>Action 95: Offer free transit passes for students, youth, seniors, disabled and low-income populations.</p>	Horizon	Short Term
	Sphere of influence	Direct Control, Indirect Control
	Lead County entity	Los Angeles County Public Works
	Partners	Metro and other transit agencies
	Topic Tags	Air Quality, Climate, Equity, Public Health, Resilience



Action 96: Develop and implement a transportation demand management (TDM) ordinance that requires developers of new buildings to incorporate measures such as subsidized transit passes and car share.

Horizon	Short-to-Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office, Los Angeles County Public Works
Partners	DRP, Metro and other transit agencies
Topic Tags	Air Quality, Climate, Energy, Equity, Land Use, Public Health, Transportation

Action 97: Develop a transportation technology strategy to proactively address how evolving tech-enabled mobility options can support public transit and advance OurCounty goals.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	CEO, DPH
Topic Tags	Air Quality, Climate, Equity, Public Health, Resilience

Action 98: Evaluate and implement demand-based priced parking at County facilities and on County streets where appropriate.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works, Internal Services Department
Partners	
Topic Tags	Transportation

Action 99: Pilot an alternative work site program for County employees.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Human Resources, Internal Services Department
Partners	
Topic Tags	Air Quality, Climate, Equity, Public Health, Transportation

Goal 8: A convenient, safe, clean and affordable transportation ecosystem that expands mobility while reducing car dependency

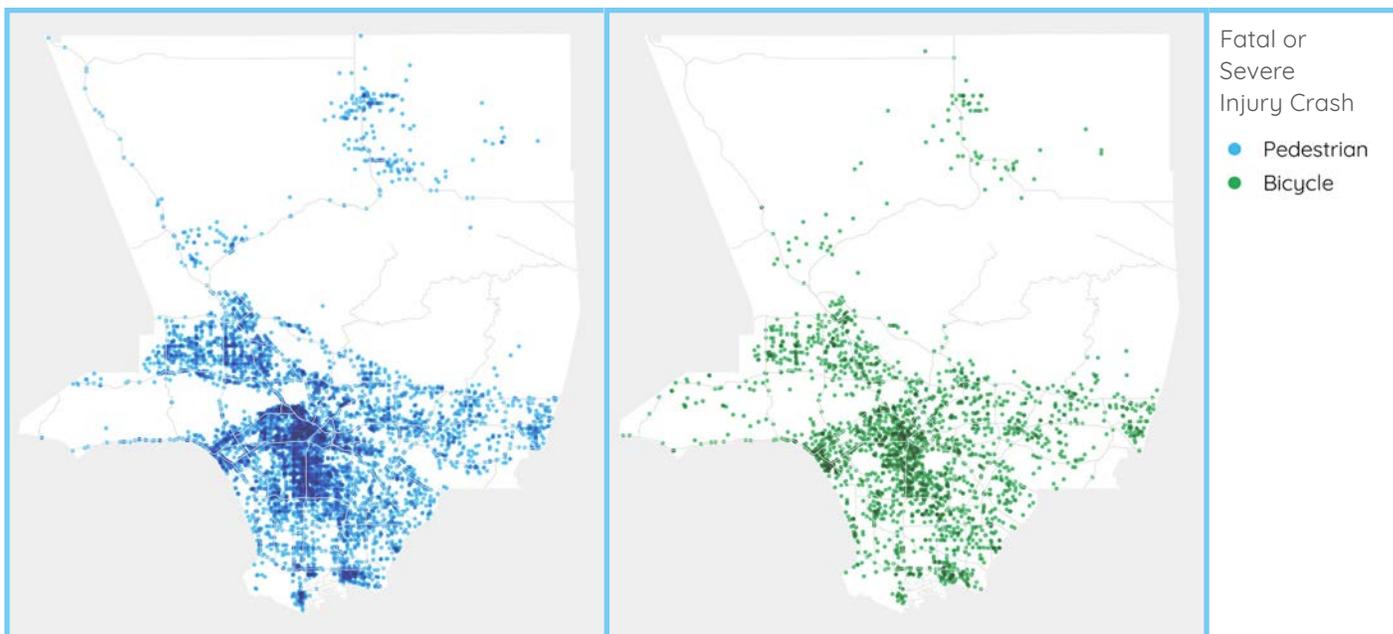


Strategy 8B	Targets
<p>Improve transportation health and safety outcomes</p> <p>Traffic fatalities and severe injuries are serious public health threats: on average, one person is killed every five days as a result of a traffic collision on unincorporated roadways. Further, people walking and biking are the most vulnerable road users. In fact, traffic collisions are the leading cause of death for children in LA county and also place older adults and people of color at heightened risk. To reduce injuries and collisions, while also encouraging biking and walking (also referred to as "active transportation"), local governments can invest in infrastructure improvements such as protected bike lanes and paths as well as larger sidewalks and better crosswalk infrastructure.</p>	<p>Countywide:</p> <p>2035 Decrease pedestrian and bicycle deaths and severe injuries by 100%</p> <p>2045 Maintain zero pedestrian and bicycle deaths and severe injuries</p> <p>Unincorporated Areas:</p> <p>2035 Decrease pedestrian and bicycle deaths and severe injuries by 100%</p> <p>2045 Maintain zero pedestrian and bicycle deaths and severe injuries</p>

Existing Action Highlight: Healthy Design Work Group

Established by the Board of Supervisors in 2012, the Healthy Design Workgroup (HDW) is an interdepartmental collaboration that focuses on the County's intent to design and build healthy environments that facilitate pedestrian activity, bicycling, use of public transit and outdoor physical activity. Together, high-level representatives from 13 County departments strategize on solutions for projects related to affordable housing, bicycle parking, climate action and other healthy design related projects. The Workgroup has earned awards and millions of dollars in grants by demonstrating the importance of prioritizing health in design through collaboration. The HDW continues to track and identify opportunities for interdepartmental collaboration on grant applications and implement bicycle education programs at County facilities and for County employees, among other projects.

<p>Action 100: Implement Vision Zero Action Plan within unincorporated areas and work with local jurisdictions to implement transportation safety interventions that reduce traffic injuries and deaths.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short-to-Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>CDC, DPH, FIRE, LASD, Metro and local transportation agencies</td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Public Health, Transportation</td> </tr> </table>	Horizon	Short-to-Medium Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Los Angeles County Public Works	Partners	CDC, DPH, FIRE, LASD, Metro and local transportation agencies	Topic Tags	Equity, Public Health, Transportation
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Sphere of influence	Direct Control, Indirect Control										
Lead County entity	Los Angeles County Public Works										
Partners	CDC, DPH, FIRE, LASD, Metro and local transportation agencies										
Topic Tags	Equity, Public Health, Transportation										



Pedestrian and Bicycle Deaths and Severe Injuries

Between 2013 and 2017, pedestrians were involved in 9% of all crashes resulting in an injury (unincorporated roadways only), but 20% of those crashes resulted in a severe injury or fatality. Collisions are mainly attributed to unsafe vehicle speeds, as well as impaired and distracted driving.

Data Source: Transportation Injury Mapping System (TIMS)

Each dot on the above map depicts a bicycle or pedestrian crash that resulted in a severe injury or fatality between 2006-2015.

Action 101: Develop and implement plans for active transportation that are inclusive, accessible and that enhance safety and work collaboratively with cities to ensure continuity of active transportation networks between jurisdictions.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	CEO, DPH, LASD, Metro
Topic Tags	Climate, Energy, Equity, Public Health, Transportation

Goal 9: Sustainable production and consumption of resources



Many of the resources that we depend upon for human needs are finite in nature, and require a considerate approach to ensure that our needs will continue to be met in the long term. How the region plans, manages and conserves resources like water, energy, materials and waste will look very different than the past.

A complete, lifecycle approach to extraction, production and consumption addresses how resources are extracted, how products are made, how they are consumed and how remaining resources are recovered and recycled. By examining how much energy, water, and material we use and waste, we can better understand the implications of every decision: for instance, reducing energy usage will also reduce greenhouse gas emissions, decrease our energy expenses and improve air quality and human health.

The lifecycle approach helps identify the negative impacts of overconsumption on resource availability and cost. Although high-income families use proportionately more energy and water, low-income families are most burdened by utility costs. The patterns of overconsumption affect us all—by exacerbating water scarcity during drought years or by increasing usage of fossil fuel power plants on high heat days. Further, low-income communities in close proximity to waste infrastructure currently receive the brunt of the burden caused by high levels of waste generation, illegal dumping and other poor waste management symptoms.

We will effectively manage the county's waste, water, energy and material resources into the future by improving our ability to promote integrative and collaborative solutions at the local and regional scale.

How will we work towards achieving this goal?



Strategy 9A

Reduce waste generation

Strategy 9B

Implement strong water conservation measures

Strategy 9C

Reduce energy consumption

Strategy 9D

Capture organic waste and develop regional capacity for beneficial reuse

Strategy 9E

Divert reusable and recyclable materials from landfills

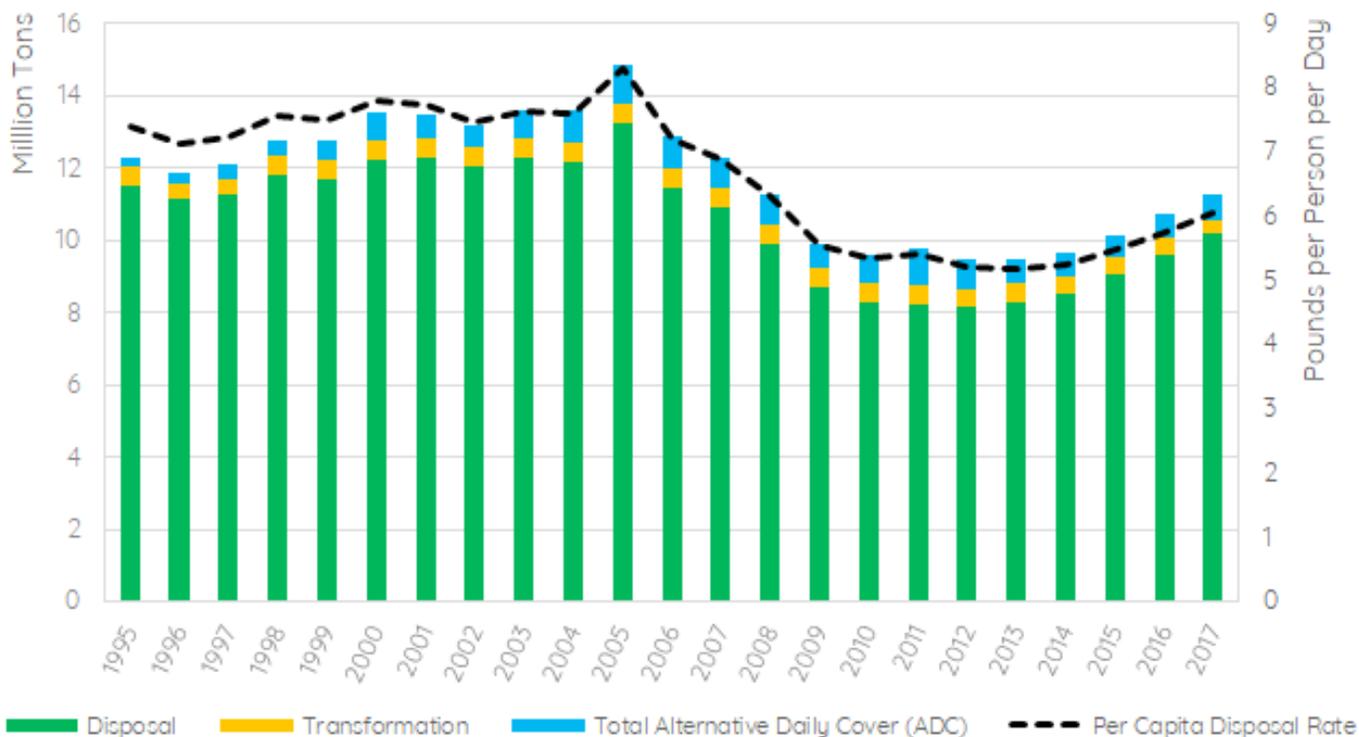


Strategy 9A	Targets
<p>Reduce waste generation</p> <p>The County will take aggressive action towards a zero-waste future. The large amounts of solid waste currently generated in LA county require infrastructural support, from storage to transportation to treatment and processing. Landfills fill up quickly and require large amounts of land, especially considering they must be far removed from residential areas.</p> <p>Our growing population and economy, especially the manufacturing sector, create a large and complex waste stream that necessitates a multi-faceted and well-coordinated approach to waste reduction. Better data about waste will help us understand how to best craft long-term, multi-benefit solutions.</p>	<p>Countywide:</p> <p>2025 Decrease overall per capita waste generation by 25% (2017 baseline)</p> <p>2035 Decrease overall per capita waste generation by 30% (2017 baseline)</p> <p>2045 Decrease overall per capita waste generation by 35% (2017 baseline)</p>

<p>Action 102: In collaboration with the City of Los Angeles, develop an equitable strategy to phase out single use plastics, including in County contracts and facilities.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>Department of Beaches & Harbors, Department of Consumer and Business Affairs</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Equity, Waste & Resource Management</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Los Angeles County Public Works	Partners	Department of Beaches & Harbors, Department of Consumer and Business Affairs	Topic Tags	Climate, Equity, Waste & Resource Management
Horizon	Short Term										
Sphere of influence	Direct Control, Indirect Control										
Lead County entity	Los Angeles County Public Works										
Partners	Department of Beaches & Harbors, Department of Consumer and Business Affairs										
Topic Tags	Climate, Equity, Waste & Resource Management										



Total Waste Disposal in Los Angeles County



Waste Disposal

After nearly a decade-long decline, waste generation rates in LA county have been going up since 2014, with disposal rates exceeding 5.5 lbs per person per day.

Data Source: CalRecycle

Action 103: Adopt and advocate for producer and manufacturer responsibility requirements.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Chief Executive Office, Los Angeles County Public Works
Partners	
Topic Tags	Climate, Economy & Workforce, Public Health, Waste & Resource Management



Action 104: Identify and implement, where appropriate, best practice waste pricing programs to reduce waste generation, including differential prices for waste based on amount generated in the residential sector and reforms to tipping rate structures.

Horizon	Short Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	LACSD
Topic Tags	Climate, Housing, Waste & Resource Management

Action 105: Conduct regular Waste Characterization Studies for sectors and sub-sectors and public space, including County facilities, to gather data on actual waste generation, composition and recycling rates.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	CalRecycle, DRP
Topic Tags	Climate, Waste & Resource Management

Action 106: Require County facilities and develop incentives for businesses to pursue zero waste certification requirements (e.g., TRUE Zero Waste).

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office, Los Angeles County Public Works
Partners	RR/CC
Topic Tags	Climate, Waste & Resource Management





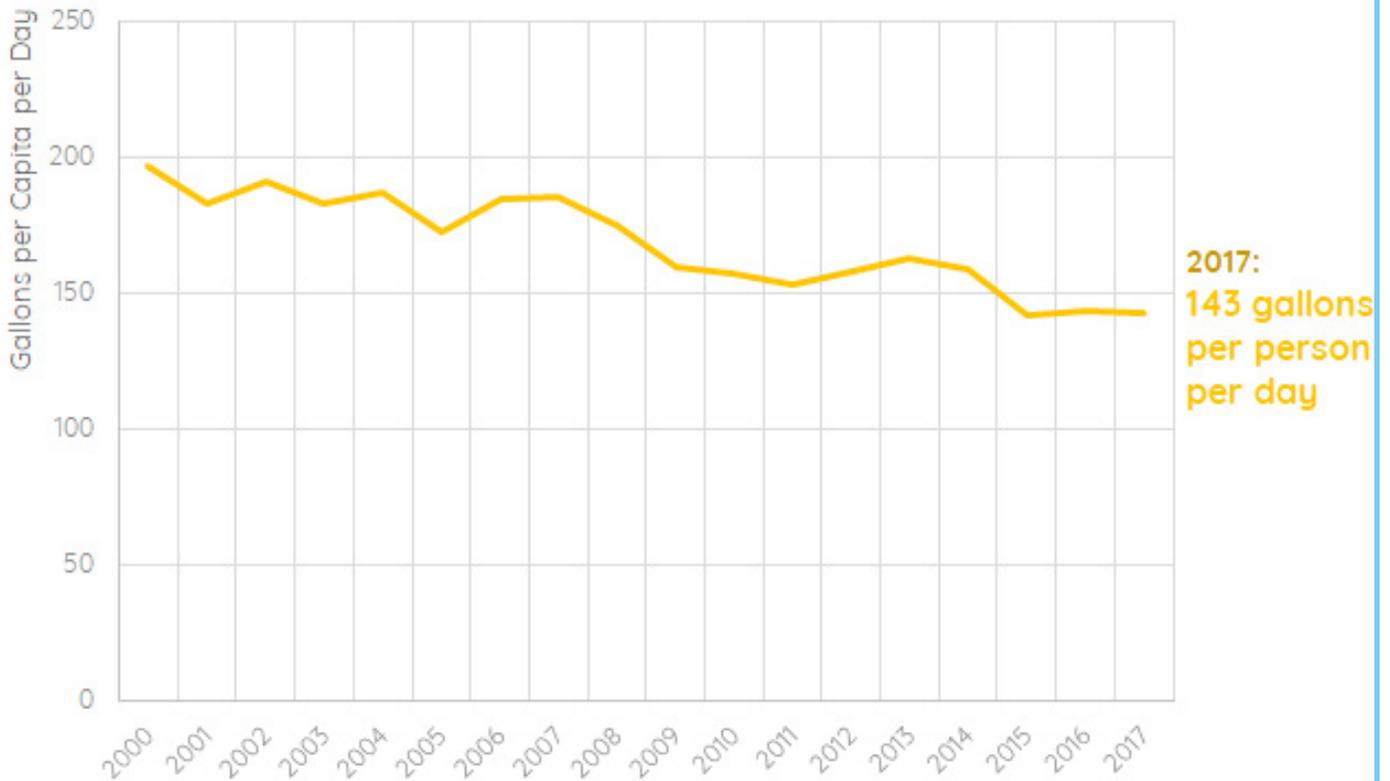
Strategy 9B	Targets
<p>Implement strong water conservation measures</p> <p>Water conservation is critical to a sustainable and plentiful water supply in LA county. Conservation is also our most cost-effective strategy on the path to water self-sufficiency.</p> <p>A more self-sufficient water system will increase the county’s resilience by reducing wasted water and leaks and reducing reliance on water systems hundreds of miles away and not directly managed within our region. A relatively small number of county residents accounts for much residential overconsumption of water. But many residents could conserve water more effectively, and overconsumption by anyone affects all of us.</p> <p>The County will lead these efforts by reducing indoor and outdoor water consumption and adopting measures that lead to lower water demand or increased water reuse and recycling, with consideration for the diverse needs of water users.</p>	<p>Countywide:</p> <p>2025 Per capita water demand does not exceed 125 gallons per day</p> <p>2035 Per capita water demand does not exceed 110 gallons per day</p> <p>2045 Per capita water demand does not exceed 85 gallons per day</p>

<p>Action 107: Develop a County-specific implementation plan for state water conservation targets that balances water supply goals with other critical OurCounty goals such as supporting conservation and expansion of the urban forest.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control, Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>DPR, ISD, local water agencies</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Water</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control, Indirect Control	Lead County entity	Los Angeles County Public Works	Partners	DPR, ISD, local water agencies	Topic Tags	Climate, Water
Horizon	Medium Term										
Sphere of influence	Direct Control, Indirect Control										
Lead County entity	Los Angeles County Public Works										
Partners	DPR, ISD, local water agencies										
Topic Tags	Climate, Water										

<p>Action 108: Develop a Net Zero Water Ordinance for new development.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>CEO, DRP, RR/CC</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Housing, Land Use, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Los Angeles County Public Works	Partners	CEO, DRP, RR/CC	Topic Tags	Climate, Housing, Land Use, Water
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Los Angeles County Public Works										
Partners	CEO, DRP, RR/CC										
Topic Tags	Climate, Housing, Land Use, Water										



Total Per Capita Water Demand



Water Demand

In the past two years, water demand per capita has remained fairly constant at nearly 143 gallons per person per day. Our daily water consumption is still too high and unsustainable considering the amount of infrastructure and energy needed to produce clean

Data Source: Metropolitan Water District

water and the scarcity of water sources in the region. Despite the decline in water demand by nearly 27% since 2000, there are still opportunities for water efficiency and conservation.

Action 109: Establish pilot programs for smart metering or sub-metering indoor and outdoor water use at County facilities.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works, Internal Services Department
Partners	Local water agencies
Topic Tags	Water



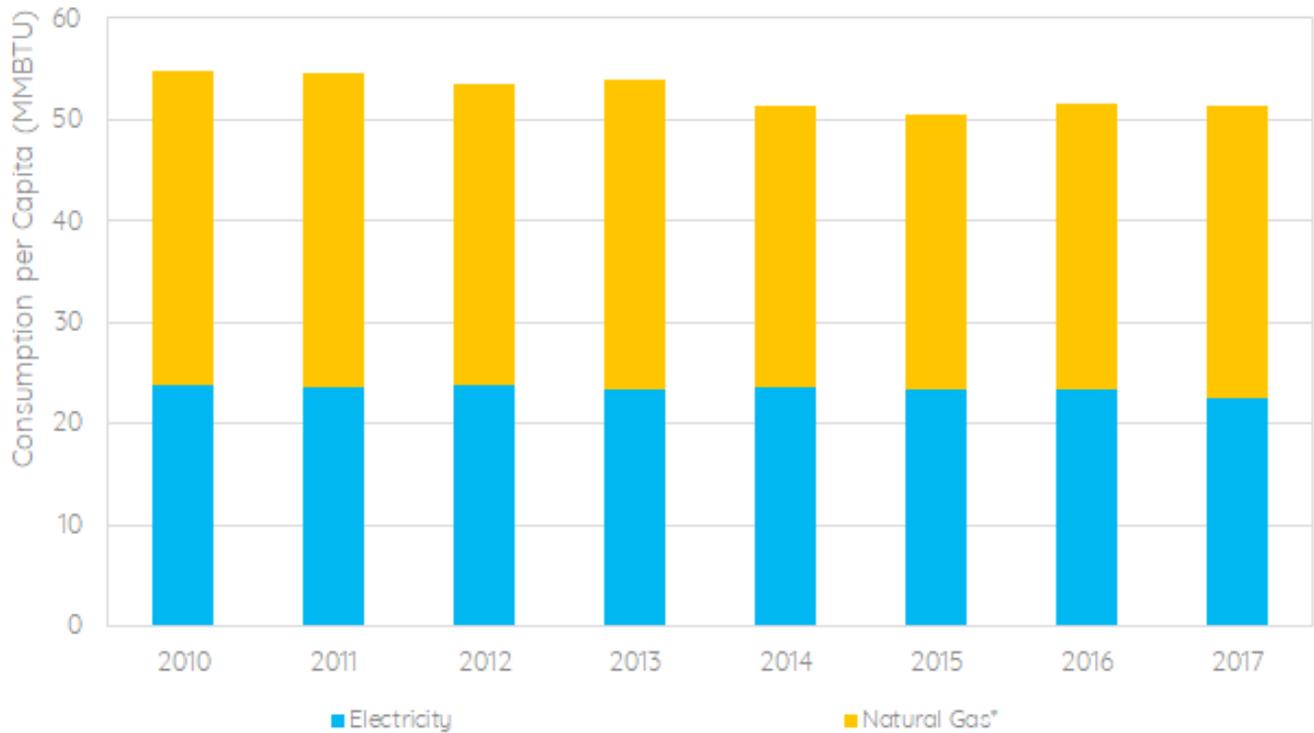
Strategy 9C	Targets
<p>Reduce energy consumption</p> <p>Energy conservation is the first step in moving towards a clean energy future. Buildings are a major consumer of energy in the county. Alone, they account for more than 40% of LA county’s greenhouse gas emissions.</p> <p>While new construction offers opportunities to utilize modern technologies and design approaches, the vast majority of the buildings that we will have by 2045 are the ones we have today. Thus, placing existing building owners and managers on a path towards carbon neutrality is a tremendous and necessary challenge.</p> <p>An initial step to reducing energy consumption in existing buildings is to begin tracking energy use to better understand consumption patterns and identify opportunities for deep energy retrofits. Building owners also need access to affordable capital to make these energy-saving and, ultimately, cost-saving retrofits.</p>	<p>Countywide:</p> <p>2025 Building energy use intensity reduced by 15% (2015 baseline)</p> <p>2035 Building energy use intensity reduced by 25%</p> <p>2045 Building energy use intensity reduced by 35%</p> <p>County Operations:</p> <p>2025 Building energy use intensity reduced by 15% (2015 baseline)</p> <p>2035 Building energy use intensity reduced by 25%</p> <p>2045 Building energy use intensity reduced by 35%</p>

<p>Action 110: Adopt an energy and water efficiency ordinance for existing buildings, requiring all privately owned buildings over 25,000 square feet to benchmark and report their energy and water use and demonstrate their pathway to energy and water efficiency.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>CEO</td> </tr> <tr> <td>Topic Tags</td> <td>Air Quality, Climate, Energy, Water</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Los Angeles County Public Works	Partners	CEO	Topic Tags	Air Quality, Climate, Energy, Water
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Los Angeles County Public Works										
Partners	CEO										
Topic Tags	Air Quality, Climate, Energy, Water										

<p>Action 111: Expand and enhance the energy efficiency programs offered by the Southern California Regional Energy Network (SoCalREN).</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Internal Services Department</td> </tr> <tr> <td>Partners</td> <td></td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Energy</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control	Lead County entity	Internal Services Department	Partners		Topic Tags	Climate, Energy
Horizon	Medium Term										
Sphere of influence	Direct Control										
Lead County entity	Internal Services Department										
Partners											
Topic Tags	Climate, Energy										



Building Energy Use Per Capita



Energy Use

Buildings are a major consumer of energy in the county and represent the greatest challenge to reducing countywide energy consumption. Our buildings use electricity and natural gas to provide heating, cooling, and power to our homes, offices and retail spaces. Since

2010, there has been a modest decline in per capita electricity and natural gas consumption, but energy efficiency programs and requirements need to be scaled up in order to achieve our climate and energy goals.

Data Source: Draft 2015 Los Angeles County Greenhouse Gas Emissions Inventory

Action 112: Ensure that all County facilities over 25,000 square feet report their energy and water use to Energy Star Portfolio Manager, perform retro-commissioning at those facilities with the greatest energy use and/or energy use intensity and attain an Energy Star rating when cost-effective.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Internal Services Department
Partners	All Departments
Topic Tags	Climate, Energy

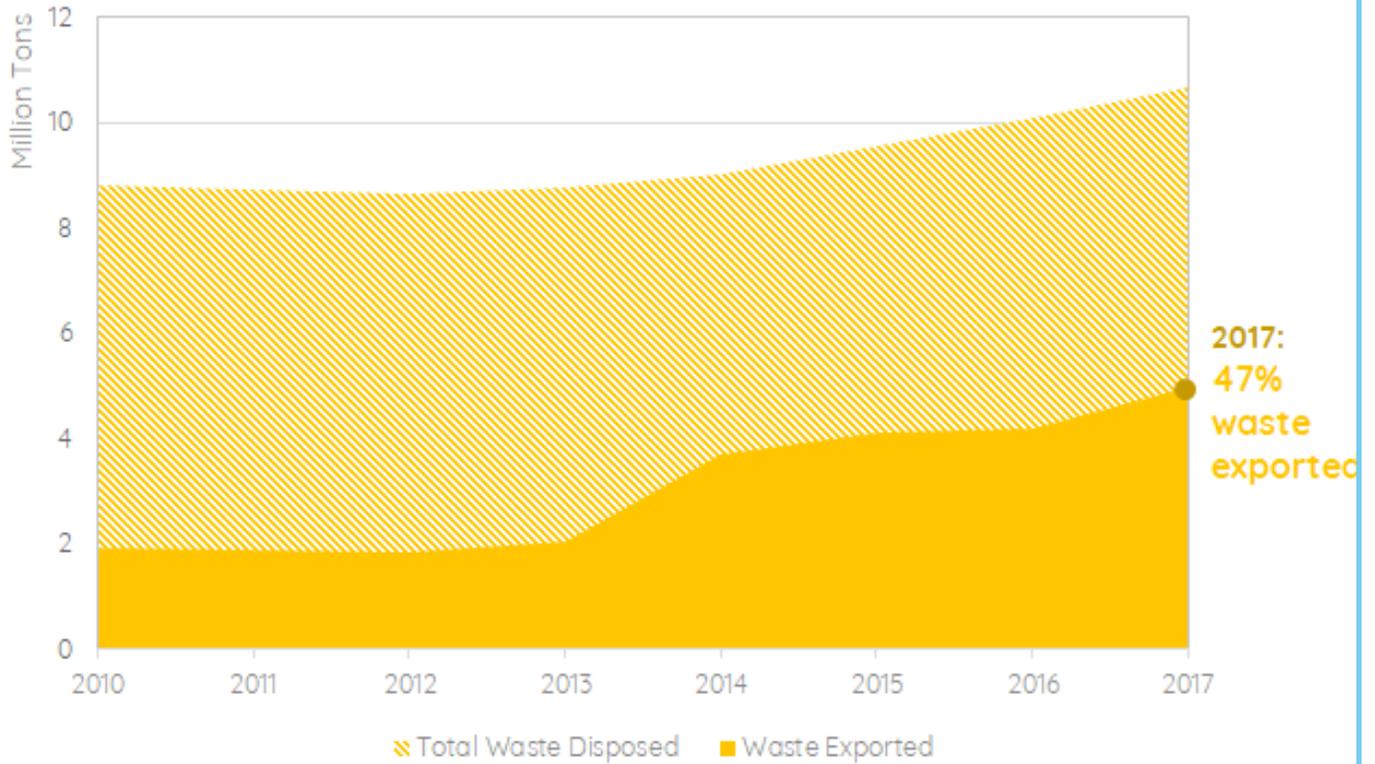


Strategy 9D	Targets
<p>Capture organic waste and develop regional capacity for beneficial reuse</p> <p>Organic waste includes food waste, green waste, landscaping and pruning waste, non-hazardous wood waste and food-soiled paper waste that is mixed in with food waste. When organic waste ends up in landfills, it releases methane, a greenhouse gas 28 times more potent than carbon dioxide.</p> <p>Organics can be separated out from the waste stream and utilized in many ways, whether through early diversion—such as programs that enable food to be shared with those in need while it is still edible—or through conversion to useful products such as compost, biogas and fertilizer. There are many opportunities available in the county to reduce waste or use it in beneficial ways.</p> <p>There are also opportunities to equitably locate waste treatment and conversion technologies to recover beneficial products and reduce waste sent to landfill.</p>	<p>Countywide:</p> <p>2025</p> <p>Reduce organic waste to landfills by 75% (2014 baseline)</p> <p>Increase total capacity for organic waste processing in Southern California by 20% (2014 baseline)</p> <p>2035</p> <p>Reduce organic waste to landfills by 90%</p> <p>Increase total capacity for organic waste processing in Southern California by 30%</p> <p>2045</p> <p>Reduce organic waste to landfills by over 95%</p> <p>Increase total capacity for organic waste processing in Southern California by 45%</p>

<p>Action 113: Establish guidelines for large-quantity food waste or green waste generators to perform on-site composting, mulching or anaerobic digestion and develop a marketing plan for the product.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Agricultural Commissioner / Weights & Measures, Department of Parks and Recreation, Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>CalRecycle, DRP</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Energy, Waste & Resource Management</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control	Lead County entity	Agricultural Commissioner / Weights & Measures, Department of Parks and Recreation, Los Angeles County Public Works	Partners	CalRecycle, DRP	Topic Tags	Climate, Energy, Waste & Resource Management
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Topic Tags	Climate, Energy, Waste & Resource Management										



Total Exported Waste



Waste Disposal

Exporting waste shifts the burden of managing waste on others, who may not have the same health and safety and environmental standards as the place where the waste was generated. In 2017, approximately half of disposed waste was sent out of the county

Data Source: Los Angeles County Public Works

for treatment, most of which was organic waste. Waste is exported due to the lack of waste treatment infrastructure within the county, including composting, anaerobic digestion and recycling.

Goal 9: Sustainable production and consumption of resources



Action 114: Promote and communicate countywide source separation, organic waste collection requirements, food waste reduction and donation and local organic waste recycling programs and conduct targeted, sector-based educational campaigns.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Agricultural Commissioner / Weights & Measures, Department of Public Health, Los Angeles County Public Works
Partners	CalRecycle
Topic Tags	Climate, Public Health, Waste & Resource Management

Action 115: Develop an equitable waste conversion facility siting and byproduct plan.

Horizon	Short-to-Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	Cities, FIRE, Sanitation Districts
Topic Tags	Air Quality, Climate, Equity, Land Use, Public Health, Transportation, Waste & Resource Management



HOMEBOY INDUSTRIES



Strategy 9E	Targets
<p>Divert reusable and recyclable materials from landfills</p> <p>Recycling is the process of collecting, sorting, cleaning, treating and then changing materials that would otherwise become solid waste, into raw material for new, reused, or restored products. Most recycled goods and materials are created in less energy-intensive ways than new, unused materials.</p> <p>Residents and businesses within the county already recycle and even upcycle many materials, with nearly 65% of the waste generated in LA county diverted from landfills in 2016. Much of the diverted waste went to recycling plants or reuse centers, but there are opportunities to expand and increase participation in reuse and recycling programs. This is especially important for construction and demolition (C&D), which involves large quantities of materials with immense opportunities for reuse and recycling.</p> <p>Promoting local upcycling and recycling markets will create new jobs, which supports OurCounty's workforce development strategies.</p>	<p>Countywide:</p> <p>2025 80% of waste diverted from landfills</p> <p>2035 90% of waste diverted from landfills</p> <p>2045 Over 95% of waste diverted from landfills</p>

<p>Action 116: Expand and support existing countywide programs that incentivize the development of local upcycling and recycling markets and quality recycled materials.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Los Angeles County Public Works</td> </tr> <tr> <td>Partners</td> <td>CalRecycle, DRP, RR/CC</td> </tr> <tr> <td>Topic Tags</td> <td>Climate, Economy & Workforce, Waste & Resource Management</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Los Angeles County Public Works	Partners	CalRecycle, DRP, RR/CC	Topic Tags	Climate, Economy & Workforce, Waste & Resource Management
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Sphere of influence	Direct Control										
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Partners	CalRecycle, DRP, RR/CC										
Topic Tags	Climate, Economy & Workforce, Waste & Resource Management										



Action 117: Increase the diversion requirements in the County’s Construction & Demolition (C&D) debris ordinance, encourage the use of recycled-content materials in construction projects and incentivize use of recycled materials in public art projects funded or commissioned by the County.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works
Partners	
Topic Tags	Climate, Waste & Resource Management

Action 118: Establish rigorous recycling programs and requirements in County Departments.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Los Angeles County Public Works, Internal Services Department
Partners	RR/CC
Topic Tags	Climate, Waste & Resource Management

Goal 10: A sustainable and just food system that enhances access to affordable, local and healthy food



Like other resources that Los Angeles county residents use every day—such as electricity and water—food can be produced and consumed in ways that either benefit people and the environment, or in ways that harm them. A sustainable and just food system is one in which every resident can eat foods that optimize their health and well-being without compromising the land where the food is grown and the ability of future generations to use that land. Unfortunately, our current system – aimed primarily at supporting the reliable production of large quantities of food – does not adequately ensure that food production and distribution methods are equitable, environmentally sound and promote community health.

The County of Los Angeles will leverage its capital assets, public services and regulatory authority to improve access to healthy food within county boundaries while optimizing its purchasing power and business services to make food production more sustainable.

How will we work towards achieving this goal?



Strategy 10A

Improve access to healthy food

Strategy 10B

Support the fair and sustainable production of food

Goal 10: A sustainable and just food system that enhances access to affordable, local and healthy food



Strategy 10A	Target
<p>Improve access to healthy food</p> <p>Reliable access to safe and healthy food is a basic human need that goes unmet for all too many people in Los Angeles county. Policies and practices that segregated people by race and class throughout the county’s history also had the effect of draining economic activity, including food production and retail, from historically impacted communities.</p> <p>OurCounty will build off of existing programs to further address this injustice by allowing County land to be used for agricultural production, testing food for pesticides and herbicides, incentivizing an equitable food retail economy and maximizing the reach of food assistance programs.</p>	<p>Countywide:</p> <p>2025</p> <p>100% enrollment of eligible households in CalFresh/SNAP</p>

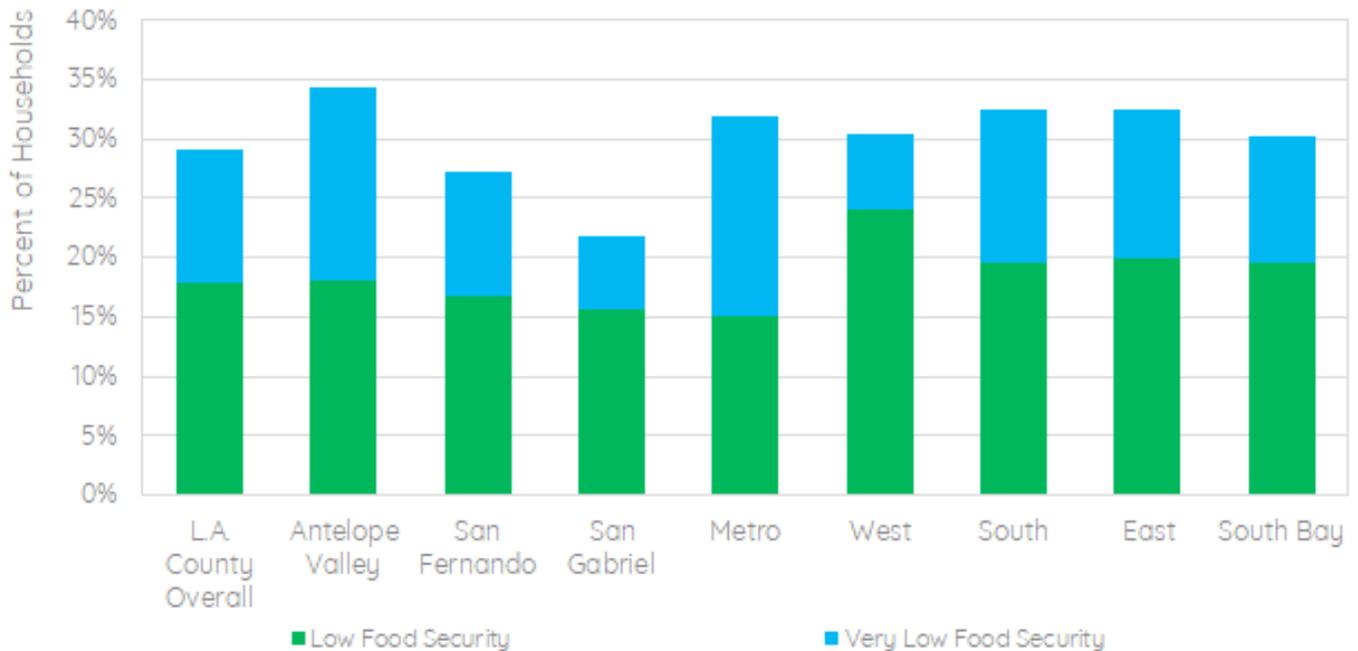
<p>Action 119: Explore policy mechanisms for incentivizing food retail business practices that create living wage jobs in historically impacted communities and expand access to high quality, healthy, sustainable food.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Public Health</td> </tr> <tr> <td>Partners</td> <td>CEO, DRP, WDACS</td> </tr> <tr> <td>Topic Tags</td> <td>Economy & Workforce, Equity, Land Use, Public Health</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control	Lead County entity	Department of Public Health	Partners	CEO, DRP, WDACS	Topic Tags	Economy & Workforce, Equity, Land Use, Public Health
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Partners	CEO, DRP, WDACS										
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<p>Action 120: Maximize enrollment in CalFresh by partnering with public-facing agencies to promote the program and assist residents of LA county with the application process.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Short Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Public Social Services</td> </tr> <tr> <td>Partners</td> <td>DPR, Libraries</td> </tr> <tr> <td>Topic Tags</td> <td>Equity, Public Health</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Public Social Services	Partners	DPR, Libraries	Topic Tags	Equity, Public Health
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Topic Tags	Equity, Public Health										



Household Food Security Status

by Service Planning Area



Food Security

Food security varies significantly across the county. “Low food security” is defined as households reporting reduced quality, variety, or desirable of diet but little to no indication of reduced food intake. “Very low food security” is defined as households reporting disruptions in eating patterns and reduced food intake. The Antelope Valley Service Planning Area has the highest level of households with low food security and households with very low food security.

Data Source: 2015 Los Angeles County Health Survey

The combination of poverty, low food security, and poor nutrition has serious consequences on the health and well-being of all residents. A lack of quality, nutritious food is closely linked to the incidence of chronic disease and behavioral health issues.

Goal 10: A sustainable and just food system that enhances access to affordable, local and healthy food



Action 121: Enhance and expand the County's existing Food DROP food donation and redistribution program to divert edible food from landfills and make it available to food insecure communities.

Horizon	Short-to-Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Los Angeles County Public Works
Partners	DPH
Topic Tags	Climate, Equity, Public Health, Resilience, Waste & Resource Management

Action 122: Support the use of public and private land for urban agriculture, such as community gardens, by identifying public parcels available for urban agriculture, streamlining permitting and leasing processes and incentivizing the conversion of vacant property to agricultural use.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	CDC, DPR, DRP, ISD, PW
Topic Tags	Equity, Land Use, Public Health





HOMEBOY INDUSTRIES

Goal 10: A sustainable and just food system that enhances access to affordable, local and healthy food



Strategy 10B

Support the fair and sustainable production of food

Agricultural environments and the people who produce food have historically been excluded from many federal protections, from wage laws to the Clean Water Act. Although many communities and policymakers across the world are working to prevent deforestation and its impact on climate, the increasingly global and resource-intensive food industry continues to incentivize the clearing of forest land for agricultural production.

The County can begin counteracting these trends by establishing environmental conservation and worker protection standards for County food services and contracts and supporting consumption of plant-based foods (such as beans and grains) over more land- and resource-intensive animal products (such as meat).

<p>Action 123: Implement Good Food Purchasing Policy and/or other model policies that promote local and food sustainability, prioritizing vendors with certifications for sustainable agricultural practices related to water, public health, energy use, pesticides and workers’ rights.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Department of Public Health
	Partners	CEO
	Topic Tags	Climate, Economy & Workforce, Energy, Equity, Landscapes & Ecosystems, Public Health, Water

<p>Action 124: Promote plant-based menu options through nutrition and food procurement policies in food service settings such as County facilities, hospitals, higher learning institutions, school districts and other food settings.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Department of Public Health
	Partners	
	Topic Tags	Climate, Land Use, Public Health, Waste & Resource Management, Water



Action 125: Support local farmers and urban agriculture entrepreneurs in adopting regenerative agricultural practices, such as by offering training, technical assistance and/or financing.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Consumer and Business Affairs
Partners	UC Cooperative Extension
Topic Tags	Economy & Workforce, Equity, Public Health



Goal 11: Inclusive, transparent and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities



Equity in sustainability policies and programs can be achieved only if a diverse, representative mix of residents are involved in development, implementation and management. Communities can help to make sustainability programs more equitable where those programs incorporate their localized and lived experiences, histories and perspectives.

New methods like participatory decision-making help to equip and engage residents to advance sustainability, especially those groups that have been traditionally underrepresented and limited from decision-making spaces due to institutional discrimination and other barriers such as language, transportation and financial and time costs.

The County will act to create a more inclusive and accountable governance structure, in order to build stronger communities and better informed policy and programs.

How will we work towards achieving this goal?



Strategy 11A

Create an inclusive governance structure

Strategy 11B

Promote environmental stewardship and accessible education across different age, income, ethnicity and language groups

Goal 11: Inclusive, transparent and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities



Strategy 11A

Create an inclusive governance structure

Many people face barriers to participating in governmental processes. These barriers include obligations such as work, community and family commitments that leave people little capacity to advocate in political processes. Often, only well-resourced people can make their voices heard. The

County will develop engagement guidelines and processes aimed at building trust and strengthening relationships with the diverse communities that make up Los Angeles county, involving residents in decision-making processes at all levels.

<p>Action 126: Convene and engage stakeholders to oversee implementation of OurCounty by establishing a multilingual website to track implementation, issuing annual reports on progress, hosting yearly meetings and soliciting community input on budget priorities.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Horizon</td> <td>Short Term</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Lead County entity</td> <td>Chief Executive Office</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Partners</td> <td>All Departments</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Topic Tags</td> <td>Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Chief Executive Office	Partners	All Departments	Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing
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<p>Action 127: Develop inclusive community engagement guidelines and activities for County planning projects, including recommended timelines and set-aside funding for childcare, translation services, transportation, cultural engagement activities and reimbursement costs for community-based organizations and Native communities to participate.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Horizon</td> <td>Medium Term</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Lead County entity</td> <td>Chief Executive Office</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Partners</td> <td>DRP, LACAC, PW</td> </tr> <tr> <td style="border-bottom: 1px dashed black; padding: 2px;">Topic Tags</td> <td>Equity, Public Health</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Direct Control	Lead County entity	Chief Executive Office	Partners	DRP, LACAC, PW	Topic Tags	Equity, Public Health
Horizon	Medium Term										
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Action 128: Develop equity goals and metrics for OurCounty initiatives.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	All Departments
Topic Tags	Equity, Public Health

Action 129: Research options for supporting structured and inclusive participation of residents in all unincorporated areas, such as neighborhood-based groups or associations.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Board Executive Office
Partners	DRP
Topic Tags	Equity, Public Health

Action 130: Train County budget and grants personnel on principles of participatory budgeting to promote community engagement and transparency.

Horizon	Medium Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office
Partners	RR/CC
Topic Tags	Equity, Funding & Financing

Action 131: Coordinate with indigenous groups on strategies to integrate the environmental management and development practices of the region's indigenous groups, acknowledging traditional sustainability practices, existing environmental knowledge and commitment to equity principles.

Horizon	Medium Term
Sphere of influence	Indirect Control
Lead County entity	Chief Executive Office
Partners	DPR, DRP, LANAIC, PW
Topic Tags	Climate, Economy & Workforce, Energy, Equity, Public Health, Waste & Resource Management, Water

Goal 11: Inclusive, transparent and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities



<p>Action 132: Adopt a policy stating the goal that the ethnic, gender and age make up of County boards and commissions is reflective of the county’s demographics.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Chief Executive Office
	Partners	
	Topic Tags	Equity, Landscapes & Ecosystems, Waste & Resource Management

Existing Action Highlight: Women and Girls Initiative

The Women and Girls Initiative (WGI) was established in December 2016 by the Board of Supervisors. The mission of the Initiative is to establish the County as a leader in creating opportunities and improving outcomes for all women and girls. When the County acts as an employer, a service provider and as a partner, the WGI applies a gender lens to enhance equity and justice, increase leadership opportunities and capacity and create innovative pathways and partnerships. For example, WGI recently partnered with the Department of Human Resources to identify and address gendered language in County employment recruitment materials.



Goal 11: Inclusive, transparent and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities



Strategy 11B	Target
<p>Promote environmental stewardship and accessible education across different age, income, ethnicity and language groups</p> <p>OurCounty aims to educate and inspire residents, so they may develop and share their knowledge base around environmental stewardship throughout the region.</p> <p>Through increased awareness of environmental challenges and sustainability opportunities, all residents can participate effectively in environment-related governmental actions, protect themselves and their neighbors from climate-related risks and make informed personal and civic decisions that positively influence the environment.</p> <p>Numerous environmental stewardship efforts ranging from cutting-edge technologies to centuries-old indigenous traditions come from this region. The County will support maintenance and revival of these efforts.</p>	<p>Countywide:</p> <p>2025</p> <p>LA county places within the top three participating jurisdictions in the City Nature Challenge</p>

<p>Action 133: Promote community-led programming in areas such as preparedness planning, environmental justice initiatives and sustainability and resiliency education and outreach.</p>	<table border="0"> <tr> <td>Horizon</td> <td>Medium Term</td> </tr> <tr> <td>Sphere of influence</td> <td>Indirect Control</td> </tr> <tr> <td>Lead County entity</td> <td>Department of Public Health</td> </tr> <tr> <td>Partners</td> <td>CEO, DPR, FIRE, PW, foundations and non-profits</td> </tr> <tr> <td>Topic Tags</td> <td>Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water</td> </tr> </table>	Horizon	Medium Term	Sphere of influence	Indirect Control	Lead County entity	Department of Public Health	Partners	CEO, DPR, FIRE, PW, foundations and non-profits	Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water
Horizon	Medium Term										
Sphere of influence	Indirect Control										
Lead County entity	Department of Public Health										
Partners	CEO, DPR, FIRE, PW, foundations and non-profits										
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water										



Action 134: Partner with non-governmental organizations to create strategic, comprehensive and culturally-competent education initiatives to support sustainable practices, climate readiness, awareness of indigenous history and practices and environmental literacy.

Horizon	Medium Term
Sphere of influence	Indirect Control
Lead County entity	Arts Commission, Chief Executive Office, Department of Beaches & Harbors, Department of Consumer Affairs, Department of Public Health, LA County Library, Office of Education
Partners	WDACS, School Districts
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Public Health, Resilience

Action 135: Develop climate-related health equity data initiative that includes collection and dissemination, builds stakeholder capacity and drives decision-making.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	
Topic Tags	Climate, Equity, Public Health, Resilience

Action 136: Provide ongoing sustainability-related education and training for County employees.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Chief Executive Office, Department of Human Resources
Partners	All departments
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy

Goal 11: Inclusive, transparent and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities



<p>Action 137: Increase participation in community science initiatives such as the City Nature Challenge.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Natural History Museum
	Partners	DBH, DPR, Libraries, LACAC
	Topic Tags	Landscapes & Ecosystems

<p>Action 138: Implement arts-based civic engagement strategies to support planning and implementation of OurCounty initiatives.</p>	Horizon	Medium Term
	Sphere of influence	Direct Control
	Lead County entity	Arts Commission
	Partners	DPH, DPR, DRP, Libraries, PW
	Topic Tags	Public Health, Resilience

<p>Action 139: Create an artist-in-residency program to work within historically impacted communities to produce asset maps that identify community resources, desires and opportunities around sustainability efforts.</p>	Horizon	Short Term
	Sphere of influence	Direct Control
	Lead County entity	Arts Commission
	Partners	DPH, DPR, DRP, Libraries, PW
	Topic Tags	Public Health, Resilience

Existing Action Highlight: City Nature Challenge

The City Nature Challenge, initiated by citizen science staff at the Natural History Museum of Los Angeles County and California Academy of Sciences, is a global citizen science challenge that urges people to observe nature in the neighborhood, record the species they find through photo submissions and compete to identify the most species and make the most observations compared to other places around the world. The challenge asks for nature observations, including plants, animals, fungi, slime molds, or any other evidence of life, widening the awareness of people to the diverse mix of species all around them.



©NATURAL HISTORY MUSEUM OF LOS ANGELES / GINA CHOLICK

Goal 12: A commitment to realize OurCounty sustainability goals through creative, equitable and coordinated funding and partnerships



The success of OurCounty relies not only upon the County government, but upon the many partners across the public, private and non-profit sectors whose ongoing participation will be crucial for this plan to be realized. The County will seek to strengthen partnerships, establish new funding techniques and leverage its own purchasing power to advance the goals of OurCounty.

For the public sector in particular, our uniquely complex governance systems require coordinated effort towards identifying funding opportunities and the implementation of sustainability initiatives. County officials will reach across jurisdictions to fulfill this role, by identifying and connecting funding opportunities with local stakeholders and upholding our core values within our own operations.

Working together on these goals, the County and our partners will make a concerted and collaborative effort towards a more sustainable future.

How will we work towards achieving this goal?



Strategy 12A

Improve regional collaboration and coordination

Strategy 12B

Leverage the County's purchasing power to support organizations achieving positive social and environmental impact

Goal 12: A commitment to realize OurCounty sustainability goals through creative, equitable and coordinated funding and partnerships



Strategy 12A

Improve regional collaboration and coordination

Los Angeles is one of the most populous and complex counties in the United States, with 88 incorporated cities and nearly 150 unincorporated communities. The governance complexity goes further with subregional governments like Councils of Government and regional partners like Metro and SCAQMD, each of which has its own governance structure, mandates and budget. Coordination and collaboration amongst public officials and agencies is essential to achieve sustainable outcomes.

Additionally, sustainability initiatives require collaboration across issue areas to multiply benefits with often limited resources. The County will proactively seek partnerships with business, philanthropic and non-profit sector groups to implement OurCounty goals.

<p>Action 140: Coordinate multi-jurisdictional efforts to seek local, state, federal and philanthropic funding to support OurCounty initiatives and provide technical assistance for smaller jurisdictions and tribal governments.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Horizon</td> <td>Short Term</td> </tr> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Sphere of influence</td> <td>Indirect Control</td> </tr> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Lead County entity</td> <td>Chief Executive Office</td> </tr> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Partners</td> <td>DPH, DPR, LANAIC, foundations</td> </tr> <tr> <td style="padding: 5px;">Topic Tags</td> <td>Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Indirect Control	Lead County entity	Chief Executive Office	Partners	DPH, DPR, LANAIC, foundations	Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing
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Partners	DPH, DPR, LANAIC, foundations										
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing										

<p>Action 141: Obtain a Transformative Climate Communities implementation grant.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Horizon</td> <td>Short Term</td> </tr> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Sphere of influence</td> <td>Direct Control</td> </tr> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Lead County entity</td> <td>Department of Regional Planning</td> </tr> <tr> <td style="border-bottom: 1px dashed #00AEEF; padding: 5px;">Partners</td> <td>CDC</td> </tr> <tr> <td style="padding: 5px;">Topic Tags</td> <td>Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing</td> </tr> </table>	Horizon	Short Term	Sphere of influence	Direct Control	Lead County entity	Department of Regional Planning	Partners	CDC	Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing
Horizon	Short Term										
Sphere of influence	Direct Control										
Lead County entity	Department of Regional Planning										
Partners	CDC										
Topic Tags	Air Quality, Climate, Economy & Workforce, Energy, Equity, Housing, Land Use, Landscapes & Ecosystems, Public Health, Resilience, Transportation, Waste & Resource Management, Water, Funding & Financing										



Action 142: Develop a coordinated approach to attract Opportunity Zones funding that includes articulating priorities, identifying potential projects and partners, convening stakeholders (CBOs, developers, philanthropy, investors) and identifying local and state incentives to streamline approval.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Chief Executive Office
Partners	
Topic Tags	Funding & Financing

Action 143: Disseminate climate-related health messaging to healthcare and community partners.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Department of Public Health
Partners	CEO, DPR
Topic Tags	Climate, Public Health, Resilience, Water

Action 144: Assist County departments, in conjunction with the Center for Strategic Partnerships, to develop innovative public-private partnerships (P3) to support implementation of OurCounty actions, including consideration of proposals and solicitations.

Horizon	Short Term
Sphere of influence	Indirect Control
Lead County entity	Chief Executive Office
Partners	
Topic Tags	Funding & Financing

Goal 12: A commitment to realize OurCounty sustainability goals through creative, equitable and coordinated funding and partnerships



Strategy 12B

Leverage the County’s purchasing power to support organizations achieving positive social and environmental impact

With an annual budget of nearly \$30 billion, the County has an immediate opportunity to lead the region towards a more sustainable future by leveraging its own considerable purchasing power. By developing and implementing contracting and purchasing policies that

advance environmental, economic and equity goals, the County will direct funds and projects towards institutions that embody sustainability themselves and have a positive impact on the region.

**Existing Action Highlight:
Community Business Enterprise Program**

The Community Business Enterprise (CBE) Program supports and encourages small business owners who are minorities, disabled veterans, or disadvantaged to take advantage of opportunities in government and

private-sector procurement programs. Many County departments prioritize procurement for CBE certified firms and support their growth, providing equal opportunity for local small businesses.

<p>Action 145: Apply sustainability as a lens for consideration of departmental budget requests, especially to support the implementation of the sustainability plan.</p>	Horizon	Medium Term
	Sphere of influence	Direct Control
	Lead County entity	All departments
	Partners	
	Topic Tags	Funding & Financing



Action 146: Update County contracting requirements and simplify the contracting process to increase opportunities for County departments to contract with Native nations and community-based organizations, particularly those representing historically impacted communities.

Horizon	Short Term
Sphere of influence	Direct Control
Lead County entity	Department of Public Health
Partners	All departments
Topic Tags	Equity

Action 147: Modernize the County's purchasing and contracting policies, including its Green Purchasing Policy, to ensure that the County remains fiscally responsible while promoting environmentally friendly and socially responsible practices, such as contracting with organizations that provide living wage jobs in disadvantaged communities.

Horizon	Medium Term
Sphere of influence	Direct Control, Indirect Control
Lead County entity	Internal Services Department
Partners	All departments
Topic Tags	Climate, Economy & Workforce, Energy, Equity, Water, Funding & Financing

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
Goal 1: Resilient and healthy community environments where residents thrive in place						
Strategy 1A: Minimize the exposure of vulnerable populations to pollution						
Targets	Countywide	By 2025: Decrease childhood asthma prevalence to 6.8% (from 7.5% in 2015) Decrease average on-road diesel PM emissions to 80% below 2017 levels	Direct Control	DRP	DPH, CDC	AQ, EN, EQ, LE, PH, RE, WT
		By 2035: Reduce toxicity-weighted concentrations of emissions in disadvantaged communities by 40% Decrease average on-road diesel PM emissions to 100% below 2017 levels	Direct Control	DRP	CARB, DOGGR, DPH, SCAQMD	EQ, LU, PH, RE, WT
	Countywide	By 2045: Decrease childhood asthma prevalence to 5.0% Reduce toxicity-weighted concentrations of emissions in disadvantaged communities by 80%	Direct Control	PW	DOGGR, DPH, DRP	AQ, EQ, LE, PH, RE, WT, F&F
		By 2045: Limit siting of new sensitive uses, such as playgrounds, daycare centers, schools, residences, or medical facilities, within 500 feet of freeways.	Direct Control	DPH	DOGGR, FIRE, PW, law enforcement agencies	AQ, EQ, LE, PH, RE, WT
2	Expand the minimum setback distance for oil and gas operations from sensitive land uses, and apply these requirements to facilitate the phasing out of existing operations.	Medium Term	Direct Control	DPH	DOGGR, FIRE, PW, law enforcement agencies	AQ, EQ, LE, PH, RE, WT, F&F
3	Conduct an inventory to identify all abandoned/dilled oil and gas infrastructure in LA County, and develop and implement a closure plan, prioritized by condition and proximity to sensitive populations, that includes identification of potential funding sources.	Short Term	Direct Control	PW	DOGGR, DPH, DRP	AQ, EQ, LE, PH, RE, WT, F&F
4	Require oil and gas facility operators to prepare and make available to the public a comprehensive Community Safety Plan, in coordination with County departments, including Fire, Building and Safety, and Law Enforcement.	Medium Term	Direct Control	DPH	DOGGR, FIRE, PW, law enforcement agencies	AQ, EQ, LE, PH, RE, WT
5	Expand the role and authority for DPH in the initial permitting process, and the ongoing enforcement of regulations for industrial facilities.	Medium Term	Direct Control	DPH	SCAQMD, CARB	AQ, EN, EQ, LE, PH, RE, WT
6	Implement recommendations from Metro's Countywide Strategic Truck Arterial Network (CSTAN) on County-maintained roadways, prioritizing those that minimize emissions exposure for vulnerable populations.	Short-Medium-Long Term	Direct Control	PW	DPH, Caltrans, Metro and other transportation agencies	AQ, CL, EN, EQ, PH, TR
7	Utilize refinery fence-line and community air monitoring data to improve emissions regulations, and expand enforcement resources for these regulations.	Medium Term	Direct Control & Indirect Control	DPH	AVAQMD, CARB, SCAQMD, air pollution control districts	AQ, CL, EN, EQ, PH, RE
8	Plan and implement a new lead hazard remediation program.	Short Term	Direct Control	DPH, CDC	Cities	EQ, HG, PH

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
9	Partner with school districts to monitor air quality and identify measures to reduce pollution exposure.	Medium Term	Direct Control & Indirect Control	DPH	School Districts	AQ, EN, EQ, PH, RE
10	Partner with local and regional agencies along key freight corridors, as well as with private freight movers, to implement 'green goods movement' technologies, such as medium- and heavy-duty zero emission vehicle infrastructure, through initiatives like Metro's I-710 Corridor Project or use of County properties for refueling.	Medium Term	Indirect Control	CEO	Metro, PW	AQ, EN, EQ, PH, TR
11	Develop a public engagement, enforcement and compliance plan for illegal dumping.	Short Term	Direct Control	PW	DPH, DRP, FIRE, Local law enforcement	AQ, CL, EQ, LU, PH, WR
Strategy 1B: Develop land use tools that will help minimize adverse, cumulative pollution impacts on residential and sensitive uses through rigorous community engagement						
12	Complete development and start implementation of the Green Zones Program.	Short Term	Direct Control	DRP	DCBA, TTC	AQ, EQ, LE, LU, PH, WR
Strategy 1C: Increase housing affordability						
Targets	Countywide	By 2025: 110,000 new affordable units				
		By 2035: 300,000 new affordable units				
		By 2045: 575,000 new affordable units				
	Unincorporated Areas	By 2025: Meet 25% of very low/low income RHNA target				
		By 2035: Meet 50% of very low/low income RHNA target				
	By 2045: Meet 100% of very low/low income RHNA target					
13	Identify and implement best practices to preserve and increase the amount of affordable housing proximate to job centers, transit, and open space amenities.	Medium Term	Direct Control	DRP	CDC, CEO, PW, HACOLA	EQ, HG, LE, LU, PH, TR
14	Enact a permanent rent stabilization ordinance for eligible rental units in unincorporated areas.	Short Term	Direct Control	CDC, DCBA	CEO	EQ, HG, LU, PH
15	Adopt an inclusionary housing ordinance that requires affordable housing as part of all new multifamily projects.	Short Term	Direct Control & Indirect Control	DRP	CDC	EQ, HG, LU, PH

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
Strategy 1D: Ensure household utility affordability						
Targets	Countywide	By 2025: 90% enrollment of eligible households in rate assistance programs By 2035: 100% enrollment of eligible households in rate assistance programs				
	16	Study and implement best practices to maximize program enrollment and benefits in low-income rate assistance, energy efficiency and conservation, and clean energy rebate and incentive programs, including proactive strategies to include: 1. Renters; 2. People with disabilities; 3. Undocumented immigrants; 4. People with limited English proficiency, and; 5. Other communities traditionally left out of those programs.	Short-to-Medium Term	Indirect Control	Utilities CEO, CEC, DPSS	CL, EN, EQ, PH, F&F
17	Advocate for water affordability through equitable utility pricing, Cal Fresh/EBT water supplements, reducing obstacles to lifeline rates and water-efficient appliance subsidies.	Short Term	Indirect Control	CEO	PW	EQ, PH, RE, WT
Strategy 1E: Ensure access to safe, clean, and affordable water						
Targets	Countywide	By 2025: Less than 5 public drinking water systems violating maximum contaminant levels annually, with fewer than 2,000 people served by systems with violations By 2035: Less than 2 public drinking water systems violating maximum contaminant levels annually, with fewer than 500 people served by systems with violations By 2045: Zero public drinking water systems violating maximum contaminant levels				
	18	Assess vulnerability of the region's drinking water systems and create an action plan to reduce or eliminate vulnerabilities.	Short Term	Indirect Control	LAFCO, PW Local water agencies, SWRCB, Universities	EQ, PH, RE, WT
19	Develop an equitable policy framework for mapping, addressing and alerting the public to drinking water quality issues that originate from on-site and systemic plumbing issues, incorporating reporting from water agencies as well as crowdsourcing.	Short Term	Direct Control & Indirect Control	LAFCO, PW	-	EQ, PH, RE, WT
20	Provide support for small water systems to access State financing mechanisms, and support development of new financing mechanisms to repair water infrastructure and/or incentives for consolidation, and ensure rates are kept affordable.	Short Term	Indirect Control	LAFCO, PW	FIRE, SWRCB	EQ, PH, RE, WT, F&F
21	Advocate for the inclusion of a low interest financing mechanism for property owners to replace leaky, corroded, and/or unsafe pipes and fixtures.	Short Term	Indirect Control	DPH, ISD, LAFCO, PW	-	EQ, PH, RE, WT, F&F

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
Strategy 1F: Develop community capacity to respond to emergencies						
Targets	By 2025: 5,000 people trained on emergency response through the Community Emergency Response Team (CERT) program Offer 30% of CERT trainings in non-English languages					
	Countywide By 2035: 10,000 people trained on emergency response through the Community Emergency Response Team (CERT) program Offer 40% of CERT trainings in non-English languages					
	By 2045: 15,000 people trained on emergency response through the Community Emergency Response Team (CERT) program Offer 60% of CERT trainings in non-English languages					
22	Train the county's town councils, neighborhood associations, and other community organizations to become certified emergency response teams (CERTs).	Medium Term	Indirect Control	FIRE	DPH, Libraries, OEM	CL, EQ, PH, RE
23	Build capacity of small stores to sustain neighborhoods in the event of an emergency and ensure continued operations during and after a disaster.	Medium Term	Direct Control	DCBA	OEM, Non-profits	RE
24	Develop minimum requirements and best practices for amenities, programming, and accessibility of cooling centers.	Medium Term	Direct Control	DPH	DPR, OEM, ISD, Libraries, WDACS	EN, EQ, PH, RE
25	Increase resources such as drinking water fountains, bathrooms, showers, kitchens, and laundry facilities in parks and public spaces that can be activated to support community resilience during emergencies.	Short Term	Direct Control	DBH, DPR	DPH, OEM	EQ, PH, RE, WT
Goal 2: Buildings and infrastructure that support human health and resilience						
Strategy 2A: Integrate climate resilience and adaptation into planning, buildings, infrastructure, and community development decisions						
Targets	By 2025: Increase the total land area covered by cool surfaces by 10% (2019 baseline) Reduce the number of heat stress emergency department visits by 15% (2014 baseline)					
	Countywide By 2035: Increase the total land area covered by cool surfaces by 20% Reduce the number of heat stress emergency department visits by 45%					
	By 2045: Increase the total land area covered by cool surfaces by 30% Reduce the number of heat stress emergency department visits by 75%					
26A	Conduct a Countywide climate vulnerability assessment that addresses social infrastructure vulnerability and use it to guide priorities for investments in public health preparedness, emergency preparedness and response planning, and community resiliency.	Short Term	Direct Control & Indirect Control	CEO	DPH, DPR, DRP, FIRE, LASD, OEM, PW, County Counsel	AQ, CL, EN, EQ, EV, HG, LE, PH, RE, TR, WR, WT
26B	Conduct a Countywide climate vulnerability assessment that addresses physical infrastructure vulnerability and use it to guide priorities for investments in building upgrades, infrastructure improvements, and zoning and code changes.	Short Term	Direct Control & Indirect Control	CEO	DBH, DPH, DPR, DRP, FIRE, LASD, OEM, PW, County Counsel, Utilities	AQ, CL, EN, EQ, EV, HG, LE, PH, RE, TR, WR, WT

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
27	Develop a comprehensive urban heat island mitigation strategy and implementation plan that addresses cool pavements and roofs, pavement reduction, and urban greening.	Short Term	Direct Control	DPH	CEO, DPR, DRP, PW	AQ, CL, EN, HG, LU, PH, WR, WT
28	Build shade structures at major transit stops as identified in Metro's Active Transportation Strategic Plan, starting with communities with high heat vulnerability.	Short Term	Direct Control & Indirect Control	DPR, PW	DPH, DRP, FIRE, Metro and other transit agencies	CL, EQ, LE, PH, RE, TR, WR
Strategy 2B: Require sustainable and healthy building design and construction						
Targets	Countywide	By 2025: All new buildings and 50% of major building renovations to be net zero carbon				
		By 2035: 75% of major building renovations to be net zero carbon				
		By 2045: 100% of major building renovations to be net zero carbon				
29	Adopt CALGreen Tier 1 green building standards and identify which Tier 2 standards could be adopted as code amendments.	Medium Term	Direct Control & Indirect Control	PW	-	AQ, CL, EN, HG, LU, PH, WR, WT
30	Pilot high performance building standards for new County buildings beyond the current LEED Gold standard, such as Passive House, Net Zero Water, Net Zero Waste, the Living Buildings Challenge, and the WELL Building Standard.	Short Term	Direct Control	CEO	DHS, ISD, PW, Utilities	AQ, CL, EN, PH, WR, WT
31	Use climate projections instead of historic data for weather and precipitation modeling to inform planning, infrastructure, and community development processes.	Short Term	Direct Control	CEO	PW	CL, EN, RE
Strategy 2C: Create an integrated and resilient water system						
Targets	Countywide	By 2025: Source 50% of water locally				
		By 2035: Source 65% of water locally				
		By 2045: Source 80% of water locally				
32	Invest in multi-benefit water management solutions that diversify and increase reliability of the water supply, reduce dependency on imported water, prioritize nature-based solutions, and maximize benefits to Native and disadvantaged communities.	Medium Term	Direct Control & Indirect Control	PW	Cities, DPR, local water agencies, Sanitation Districts	EQ, LE, PH, RE, WT
33	Develop a recycled water master plan.	Short Term	Direct Control & Indirect Control	PW	CEO, Cities, DPH, DPR, local water agencies, Sanitation Districts	RE, WR, WT
34	Evaluate and implement mechanisms for protection, preservation, and restoration of natural buffers to waterbodies, such as floodplains, streams, and wetlands.	Short Term	Direct Control & Indirect Control	DRP	PW, Local Jurisdictions	LE, RE, WT
35	Maximize sustainable yield from our local groundwater basins and support efforts to clean up contaminated aquifers.	Short-to-Medium Term	Direct Control & Indirect Control	PW	Local water districts	LE, RE, WT

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
36	Develop a residential and commercial/small business stormwater retrofit rebate program that includes incentives for using a watershed approach.	Short Term	Direct Control	PW	Local water districts	HG, LE, RE, WT
37	Reduce barriers and increase accessibility to alternative water sources (rainwater, greywater, stormwater, and recycled water), including incentives for residential and commercial/small business greywater systems and streamlining permitting pathways.	Short Term	Direct Control	PW	DPH, DRP	LE, RE, WT
38	Advocate for a collaborative approach, such as a joint powers authority, to sustainably manage regional groundwater basins.	Medium-to-Long Term	Direct Control & Indirect Control	PW, CEO	Groundwater management agencies	LE, RE, WT
39	Develop a plan to ensure effective, well-maintained flood risk mitigation infrastructure to communities and include a mechanism to facilitate reporting of incidents by residents/municipalities to help identify and address any chronic local flooding issues.	Medium Term	Direct Control & Indirect Control	PW	Cities	RE, WT
Strategy 2D: Ensure a climate-appropriate, healthy urban tree canopy that is equitably distributed						
Targets	Countywide	By 2025: Increase urban tree canopy cover by 10% (2017 baseline)				
		By 2035: Increase urban tree canopy cover by 15%				
		By 2045: Increase urban tree canopy cover by 20%				
40	Create and implement a community-informed Urban Forest Management Plan that incorporates equitable urban forest practices, identifies County funding sources, and prioritizes: <ul style="list-style-type: none"> 1. Tree- and park-poor communities; 2. Climate and watershed-appropriate and drought/pest-resistant vegetation; 3. Appropriate maintenance and disposal practices; 4. Shading, and; 5. Biodiversity. 	Short Term	Direct Control	CEO	CAL FIRE, DBH, DPH, DPR, DRP, FIRE, LASD, LE, PH, RE, WT, PW	AQ, CL, EN, EQ, LE, PH, RE, WT
41	Implement locally tailored, youth-based tree planting projects in collaboration with community-based organizations to reduce the impacts of urban heat in low canopy areas.	Short Term	Direct Control	DPH	CEO, DBH, DPR, DRP, ISD, FIRE, LASD, PW	AQ, CL, EN, EQ, LE, PH, RE, WT
42	Create a protected tree ordinance.	Short Term	Direct Control	DRP	CEO, DBH, DPR, DRP, ISD, FIRE, LASD, PW	AQ, CL, EN, EQ, LE, PH, RE, WT
Goal 3: Equitable and sustainable land use and development without displacement						
Strategy 3A: Increase housing density and limit urban sprawl						
43	Pilot a land use tool that allows for duplex, triplex, and secondary units in areas of low housing density.	Short Term	Direct Control	DRP	PW	CL, EQ, HG, LU, TR, WT

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
44	Prohibit the conversion of working lands to residential uses, including farms and rangelands.	Short Term	Direct Control & Indirect Control	DRP	State	HG, LE, LU
45	Evaluate the County's General Plan growth strategies and report on additional measures needed to increase effectiveness in meeting OurCounty goals.	Medium Term	Direct Control & Indirect Control	DRP	SCAG, local planning agencies	CL, EN, HG, LE, LU, RE, TR, WT
Strategy 3B: Implement transit-oriented development						
Targets						
	Countywide	By 2025: At least 50% of new housing is built within 1/2 mile of high frequency transit By 2035: At least 65% of new housing is built within 1/2 mile of high frequency transit By 2045: At least 75% of new housing is built within 1/2 mile of high frequency transit				
46	Expand the number and extent of Transit Oriented Districts (TODs) in the General Plan, and remove the maximum density and height restrictions of affordable housing and mixed-use developments within those TODs, while ensuring that vital public amenities such as parks and active transportation infrastructure are included.	Medium Term	Direct Control & Indirect Control	DRP	PW, Cities, Metro and other transit agencies	CL, EN, HG, LU, TR
47	Create an inventory of all publicly-owned land (belonging to the County and other jurisdictions) near existing and future public transit and identify opportunities for transit-oriented development.	Medium Term	Direct Control	CEO	DRP, PW, Cities, state and federal agencies, Metro and other transit agencies	CL, HG, LU, TR
48	Create guidance language for joint development opportunities on County-owned land, mirroring Metro's Joint Development Program Policies and Process and actively seek opportunities for joint development that improve transit access.	Medium Term	Direct Control	CEO, DRP	PW	LU, TR
Strategy 3C: Promote walkable, mixed-use neighborhoods						
Targets						
	Countywide	By 2025: Ensure 25 cities and/or unincorporated communities have a walk score of 70 or more By 2035: Ensure 35 cities and/or unincorporated communities have a walk score of 70 or more By 2045: Ensure 45 cities and/or unincorporated communities have a walk score of 70 or more				
49	Establish zoning that enables and promotes walkability and a mix of uses.	Short Term	Direct Control	DRP	PW, Metro and other transit agencies	CL, EN, EQ, HG, LE, LU, PH, RE, TR
50	Perform a comprehensive review of land use and zoning requirements to remove barriers to and incentivize infill development and multifamily housing.	Short Term	Direct Control	DRP	CEO	CL, EN, EQ, HG, LE, LU, WT
51	Develop equitable design guidelines that support high quality affordable housing for vulnerable populations, consistent with the physical and social culture of existing communities.	Short Term	Direct Control	DRP	CDC, LACAC, PW	AQ, CL, EN, EQ, EW, HG, LE, LU, PH, RE, TR, WR,

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
Strategy 3D: Ensure that housing and infrastructure development and improvement do not lead to displacement, particularly of disadvantaged communities						
Targets	Countywide	By 2025:	No at-risk affordable units converted to market rate			
52	Implement tenant protection measures (e.g., Right to Counsel) to avoid displacement impacts from housing repairs and improvements, including those that are made to meet sustainable design guidelines, correct code violations, or address habitability issues.	Short Term	Direct Control	DCBA	CDC, CEO, DRP, PW	EQ, HG, LU, PH, RE
53	Implement substantive resident and small business protection measures to avoid displacement impacts from community investments, including rent control, just cause eviction, and "right-to-return" ordinances.	Short Term	Direct Control	CDC	CEO, DCBA, DRP, PW	EQ, EV, HG, LU, PH, RE, TR
Strategy 3E: Limit development in high-hazard areas						
Targets	Countywide	By 2025:	No new discretionary development in high hazard areas			
		By 2035:	No new by-right development in high hazard areas			
54	Evaluate the feasibility of Transfer of Development Rights (TDR) and Transfer of Floor Area Rights (TFAR) programs.	Short Term	Direct Control	CEO, DRP	-	CL, LE, LU, PH, RE, WR, WT
55	Regularly update the building code, fire code and Hazard Mitigation Plan to reflect best practice in urban-wildlands interface.	Medium Term	Direct Control	DRP	CAL FIRE, CEO, FIRE, LASD, PW	CL, LU, PH, RE, WR
Goal 4: A prosperous LA County that provides opportunities for all residents and businesses and supports the transition to clean economy sectors						
Strategy 4A: Promote inclusive growth across the changing economy						
Targets	Countywide	By 2025:	50,000 living wage job placements from County Workforce Development programs			
		By 2035:	100,000 living wage job placements from County Workforce Development programs			
		By 2045:	200,000 living wage job placements from County Workforce Development programs			
56	Collaborate with the City of Los Angeles and others to develop a "Just Transition" plan and task force that examines the impact of the transition to a cleaner economy on disadvantaged workers, identifies strategies for supporting displaced workers, and develops recommendations for ensuring inclusive employment practices within growth sectors of the new economy.	Short Term	Direct Control & Indirect Control	CEO	City of Los Angeles, DCBA, DRP, Labor Unions, LAEDC, WDACS	CL, EN, EQ, EW, PH
57	Partner with community-based organizations, educational institutions, and the private sector to connect and place graduates and workers with meaningful on-the-job training and employment opportunities with employers within growth sectors of the clean economy.	Short Term	Indirect Control	WDACS	-	CL, EN, EQ, EW

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
58	Select common quantifiable metrics to track the outcomes of all LA County funded training programs (e.g. graduates, job retention, wages, and mobility).	Short Term	Direct Control	CEO	WDACS, All departments	EW
59	Lead or support a regional green chemistry / clean manufacturing incubator that facilitates linkages between developing businesses and workforce development efforts for target populations.	Medium Term	Direct Control	CEO	PW, WDACS, local colleges and universities	CL, EW, WR
60	Engage in partnerships, such as the Transportation Electrification Partnership, to promote the development of local advanced transportation manufacturing and maintenance.	Short Term	Direct Control	CEO	IDC, LACI, LAEDC, Metro, PW	CL, EN, EQ, EW, PH
Strategy 4B: Support wealth-generating activities in disinvested neighborhoods						
Targets	By 2025: Increase the proportion of residents living above the California poverty line to 80%					
	By 2035: Increase the proportion of residents living above the California poverty line to 85%					
	By 2045: Increase the proportion of residents living above the California poverty line to 90%					
61	Institute community benefits programs and project labor agreements for all County-managed public infrastructure investments, including local hire programs.	Short Term	Direct Control	CEO	All departments	EN, EQ, EW, LE, LU, WT
62	Promote the development and growth of community land trusts for the provision of permanently affordable rental and ownership housing, including by identifying appropriate public land.	Medium Term	Direct Control & Indirect Control	DRP	CEO, DCBA	EQ, HG, LU, PH
Goal 5: Thriving ecosystems, habitats, and biodiversity						
Strategy 5A: Increase habitat quality, connectivity, and prevent the loss of native biodiversity in the region						
Targets	Countywide Ongoing: No net loss of native biodiversity					
	Create a countywide Biodiversity Index to generate a quantitative evaluation/assessment tool for measuring species richness, distribution, and threats to native biodiversity, and use the index to inform the development of biodiversity strategies.					
63	Establish comprehensive and coordinated management guidelines for local waterways, which balance priorities such as water management, habitat, biodiversity, and community preference.	Short Term	Indirect Control	PW	Cities, Army Corps of Engineers	LE, RE, WT
64	Make urban ecology a key consideration in municipal initiatives, including but not limited to open space plans, green infrastructure projects, and development plans.	Short Term	Direct Control & Indirect Control	DRP, DPR	DBH, PW	LE
65	Increase coordination amongst and expand training of County personnel with regards to promoting native and climate-resilient species selection, biodiversity, habitat quality, and connectivity.	Medium Term	Direct Control	CEO, DPR	CIO, conservancies, DBH, DRP, FPRE, MRCA, PW, RCD, SMIMC	LE, RE

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
67	Increase the number of native plants, trees, and pollinator/bird friendly landscapes on public properties for education and habitat connectivity.	Medium Term	Direct Control & Indirect Control	DPR	School Districts, DBH, NHM	LE
Strategy 5B: Preserve and enhance open space and priority ecological areas						
68	Develop a countywide parks and open space master plan to acquire, preserve, restore, and protect available open space areas, and improve public access to open space, especially for residents in high park need areas.	Medium Term	Direct Control	DRP	Conservancies, DBH, DPR, FIRE, MCRA, RCD, SCAG, SMCMC	LE, LU
69	Develop and implement a strategy to preserve and protect priority ecological sites, supporting sites, and priority species (including but not limited to significant ecological areas, habitat connections, terrestrial streams, wetlands, and aquatic habitats).	Medium Term	Direct Control & Indirect Control	DRP	DBH, DPR, State agencies	LE, LU, WT
Goal 6: Accessible parks, beaches, recreational waters, public lands, and public spaces that create opportunities for respite, recreation, ecological discovery and cultural activities						
Strategy 6A: Improve access to parks, beaches, recreational waters, public lands, and public spaces						
Targets	Increase per capita park area by 4,000 acres in very high and high need areas (2016 baseline)					
	By 2025:	Increase proportion of residents within a half mile of parks and open space to 65%				
	Countywide	Increase per capita park area by 5,500 acres in very high and high need areas				
	By 2045:	Increase proportion of residents within a half mile of parks and open space to 75%				
70	Increase per capita park area by 11,850 acres in very high and high need areas					
	Increase proportion of residents within a half mile of parks and open space to 85%					
	Work with cities and across agencies to plan, implement, and maintain parks, greenways, plazas (and other public spaces), vacant lot adoptions, and joint-use green schoolyards in those neighborhoods with high park need and/or missing habitat linkages.					
71	Implement Community Parks and Recreation Plans, and park projects identified in the Countywide Parks and Recreation Needs Assessment, with priority given to those in Very High/High Need Study Areas.	Medium Term	Direct Control & Indirect Control	DRP	-	EQ, LE, PH
72	Enhance transit, scooter, bicycle, pedestrian, shared ride connectivity to open spaces, parks, beaches, mountains, and recreation facilities, especially in communities with high park need.	Medium Term	Direct Control & Indirect Control	PW	DBH, DPR, Metro	AQ, CL, EN, EQ, LE, PH, TR
Strategy 6B: Adopt inclusive design and programming for parks, beaches, public lands, and public spaces						
73	Expand programming hours and provide a variety of recreational and educational opportunities, especially in communities with high park need, such as the "Parks after Dark" program, farmer's markets, outdoor concerts, movie screenings, and culturally relevant sports and activities.	Short Term	Direct Control	DBH, DPR	DPH, LACAC	EQ, LE, PH, RE

Appendix I: Summary Table

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
74	Adopt and implement the Principles of Universal Design for County parks, open space, and natural areas to be usable by all people of different ages and abilities without the need for adaptation or specialized design.	Short Term	Direct Control	DBH, DPR	-	EQ, LE, PH, RE, TR
75	Integrate artists, cultural organizations, and community members in planning processes and project development for parks, public lands, and public spaces.	Short Term	Direct Control	Arts Commission	DBH, DPR	EQ, LE, PH, RE
Strategy 6C: Utilize sustainability best practices in the design and management of parks and recreational facilities						
76	Design, renovate, and manage parks and facilities to meet the Sustainable Sites Initiative's gold certification for sustainable and resilient land development projects.	Short Term	Direct Control	DPR	DBH, PW	AQ, CL, EN, LE, LU, PH, TR, WR, WT
Goal 7: A fossil fuel-free LA county						
Strategy 7A: Transition to a clean energy system that reduces air and climate pollution and that minimizes the dangers of a changing climate to our communities and economy						
Targets	Countywide	By 2025:	Achieve a 25% reduction in greenhouse gas emissions (2010 baseline) 3 GW of new distributed energy resources (2016 baseline)			
		By 2035:	Achieve a 50% reduction in greenhouse gas emissions 6 GW of new distributed energy resources			
		By 2045:	10 GW of new distributed energy resources			
	County Operations	By 2050:	Achieve carbon neutrality			
		By 2025:	Achieve a 25% reduction in greenhouse gas emissions (2010 baseline) All County facilities to be powered by 100% renewable energy			
		By 2035:	Achieve a 50% reduction in greenhouse gas emissions			
By 2045:	Achieve carbon neutrality					
77	Commit to 100% renewable energy supply for unincorporated areas and County facilities.	Short Term	Direct Control	CEO	CPA, ISD, PW	AQ, CL, EN, EQ
78	Collaborate with the City of Los Angeles to develop a sunset strategy for all oil and gas operations that prioritizes disproportionately affected communities.	Medium-to-Long Term	Direct Control	CEO	DOGGR, DPH, DRP	AQ, CL, EN, EQ, EW, LE, PH, RE, WT

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
79	Collaborate with the City of Los Angeles to adopt a building decarbonization reach code for new development.	Medium Term	Direct Control	PW	-	AQ, CL, EN, HG, PH
80	Develop a publicly-accessible community energy map that identifies opportunities for deploying distributed energy resources and microgrids in order to improve energy resiliency in disadvantaged communities.	Short Term	Indirect Control	CEO	PW, Utilities	AQ, CL, EN, EQ, PH, RE
81	Investigate low or no cost options to provide community shared solar facilities on County property.	Short Term	Direct Control & Indirect Control	CEO, ISD	PW, Utilities	CL, EN, EQ, RE
82	Maximize the installation of solar and/or energy storage systems on County property whenever cost-effective.	Short Term	Direct Control	ISD	CDC, DHS, FIRE, LASD, PW	CL, EN, EQ, RE
83	Support development of an equitable investment plan that identifies needed improvements to electricity and natural gas transmission, distribution, and storage systems and supports local clean energy resources.	Medium Term	Indirect Control	CEO	DRP, ISD, PW, Utilities	CL, EN, EQ, RE, F&F
84	Develop a strategy to eliminate fossil fuels in County operated co-generation facilities.	Medium Term	Direct Control	ISD	-	AQ, CL, EN, EQ, EW, LE, PH, RE, WT
Strategy 7B: Create a zero-emission transportation system						
Targets	Countywide	By 2025:	60,000 new public EV charging stations (2018 baseline)			
		By 2035:	30% of all new light-duty private vehicles are zero emission vehicles			
	County Operations	By 2035:	130,000 new public EV charging stations			
		By 2045:	80% of all new light-duty private vehicles are zero emission vehicles			
Targets	County Operations	By 2025:	100% of all new light-duty private vehicles are zero emission vehicles			
		By 2035:	5,000 EV charging stations at County facilities			
	County Operations	By 2035:	100% of non-emergency light duty vehicle purchases to be zero emission vehicles			
		By 2045:	100% of medium-duty vehicle and emergency light-duty vehicle purchases to be zero-emission			
85	Streamline permitting and construction of zero-emission vehicle infrastructure.	Medium Term	Indirect Control	DPR, PW, FIRE	DRP	AQ, CL, EW, EN, PH, TR

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
86	Install electric vehicle (EV) chargers at County facilities and properties for public, employee, and fleet use.	Short Term	Direct Control	ISD	FIRE, LASD, PW	AQ, CL, EN, PH, TR
87	Revise and regularly update the County's fleet policy to require zero-emission vehicles whenever possible.	Short Term	Direct Control	ISD	CEO, DPR, PW	AQ, CL, EN, EQ, PH, TR
88	Convert Sheriff's Department (LASD) fleet to zero emission by partnering with vehicle manufacturers to develop a zero emission pursuit vehicle and transport bus.	Medium Term	Direct Control	LASD	-	AQ, EN, PH, TR
89	Partner with Los Angeles Fire Department (LAFD) and equipment manufacturers to pilot a zero emission fire engine.	Short Term	Direct Control	FIRE	LAFD	AQ, CL, EN, PH, TR
Goal 8: A convenient, safe, clean, and affordable transportation system that enhances mobility and quality of life while reducing car dependency						
Strategy 8A: Reduce vehicle miles traveled by prioritizing alternatives to single occupancy vehicles						
Targets	Countywide	By 2025:	At least 15% of all trips will be by foot, bike, micromobility, or public transit Reduce average daily vehicle miles traveled (VMT) per capita to 20 miles			
		By 2035:	At least 30% of all trips will be by foot, bike, micromobility, or public transit Reduce average daily vehicle miles traveled (VMT) per capita to 15 miles			
		By 2045:	At least 50% of all trips will be by foot, bike, micromobility, or public transit Reduce average daily vehicle miles traveled (VMT) per capita to 10 miles			
90	Partner with other local jurisdictions and transit agencies such as the City of Los Angeles and Metro to develop and implement a "Transit First" policy and mobility advocacy campaign that is consistent with and supportive of the County's Vision Zero Plan.	Short Term	Direct Control	PW	City of Los Angeles, Metro and other transit agencies	PH, TR
91	Support Metro's efforts to study congestion pricing and amplify considerations of equity.	Short Term	Direct Control & Indirect Control	DPH, PW	Metro, PW	AQ, CL, EN, EQ, PH, TR
92	Install bus-only lanes and signal prioritization along major thoroughfares, and work with transit agencies and neighboring jurisdictions to plan and install full bus rapid transit infrastructure along priority corridors.	Short-to-Medium Term	Direct Control & Indirect Control	PW	Metro and other transit agencies	AQ, CL, EN, EQ, PH, TR
93	Eliminate minimum parking requirements for all new residential units and implement parking maximums within ½ mile of a high quality transit stop.	Short Term	Direct Control	DRP	PW	AQ, CL, EN, HG, LU, PH, TR
94	Incentivize developers to provide less than the maximum allowed parking.	Short Term	Direct Control	DRP	-	AQ, CL, EN, HG, LU, PH, TR
95	Offer free transit passes for students, youth, seniors, disabled, and low-income populations.	Short Term	Direct Control & Indirect Control	PW	Metro and other transit agencies	AQ, CL, EQ, PH, RE

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
96	Develop and implement a transportation demand management (TDM) ordinance that requires developers of new buildings to incorporate measures such as subsidized transit passes and car share.	Short-to-Medium Term	Direct Control	CEO, PW	DRP, Metro and other transit agencies	AQ, CL, EN, EQ, LU, PH, TR
97	Develop a transportation technology strategy to proactively address how evolving tech-enabled mobility options can support public transit and advance OurCounty goals.	Short Term	Direct Control	PW	CEO, DPH	AQ, CL, EQ, PH, RE
98	Evaluate and implement demand-based priced parking at County facilities and on County streets where appropriate.	Short Term	Direct Control	PW, ISD	-	TR
99	Pilot an alternative work site program for County employees.	Short Term	Direct Control	DHR, ISD	-	AQ, CL, EQ, PH, TR
Strategy 8B: Improve transportation health and safety outcomes						
Targets	Countywide	By 2035: Decreased pedestrian and bicycle deaths and severe injuries by 100%				
	Unincorporated Areas	By 2045: Maintain zero pedestrian and bicycle deaths and severe injuries by 100%				
		By 2035: Decreased pedestrian and bicycle deaths and severe injuries by 100%				
		By 2045: Maintain zero pedestrian and bicycle deaths and severe injuries				
100	Implement the Vision Zero Action Plan within unincorporated areas and work with local jurisdictions to implement transportation safety interventions that reduce traffic injuries and deaths.	Short-to-Medium Term	Direct Control & Indirect Control	PW	CDC, DPH, FIRE, LASD, Metro and local transportation agencies	EQ, PH, TR
101	Develop and implement plans for active transportation that are inclusive, accessible and that enhance safety, and work collaboratively with cities to ensure continuity of active transportation networks between jurisdictions.	Medium Term	Direct Control & Indirect Control	PW	CEO, DPH, LASD, Metro	CL, EN, EQ, PH, TR
Goal 9: Sustainable production and consumption of resources						
Strategy 9A: Reduce waste generation						
Targets	Countywide	By 2025: Decrease overall per capita waste generation by 25% (2017 baseline)				
		By 2035: Decrease overall per capita waste generation by 30%				
		By 2045: Decrease overall per capita waste generation by 35%				
102	In collaboration with the City of Los Angeles, develop an equitable strategy to phase out single use plastics, including in County contracts and facilities.	Short Term	Direct Control & Indirect Control	PW	DBH, DCBA	CL, EQ, WR
103	Adopt and advocate for producer and manufacturer responsibility requirements.	Short Term	Direct Control & Indirect Control	CEO, PW	-	CL, EW, PH, WR

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
104	Identify and implement, where appropriate, best practice waste pricing programs to reduce waste generation, including differential prices for waste based on amount generated in the residential sector and reforms to tipping rate structures.	Short Term	Direct Control & Indirect Control	PW	LACSD	CL, HG, WR
105	Conduct regular Waste Characterization Studies for sectors and sub-sectors and public space, including County facilities, to gather data on actual waste generation, composition and recycling rates.	Short Term	Direct Control	PW	CalRecycle, DRP	CL, WR
106	Require County facilities and develop incentives for businesses to pursue zero waste certification requirements (e.g., TRUE Zero Waste).	Medium Term	Direct Control	CEO, PW	RR/CC	CL, WR
Strategy 9B: Implement strong water conservation measures						
Targets						
	Countywide	By 2025: Per capita water demand does not exceed 120 gallons per day By 2035: Per capita water demand does not exceed 100 gallons per day By 2045: Per capita water demand does not exceed 85 gallons per day				
107	Develop a County-specific implementation plan for state water conservation targets that balances water supply goals with other critical OurCounty goals such as supporting conservation and expansion of the urban forest.	Medium Term	Direct Control & Indirect Control	PW	DPR, ISD, Local water agencies	CL, WT
108	Develop a Net Zero Water Ordinance for new development.	Short Term	Direct Control	PW	CEO, DRP, RR/CC	CL, HG, LU, WT
109	Establish pilot programs for smart metering or sub-metering indoor and outdoor water use at County facilities.	Short Term	Direct Control	PW, ISD	Local water agencies	WT
Strategy 9C: Reduce energy consumption						
Targets						
	Countywide	By 2025: Building energy use intensity reduced by 15% (2015 baseline) By 2035: Building energy use intensity reduced by 25% By 2045: Building energy use intensity reduced by 35%				
	County Operations	By 2025: Building energy use intensity reduced by 15% (2015 baseline) By 2035: Building energy use intensity reduced by 25% By 2045: Building energy use intensity reduced by 35%				
110	Adopt an energy and water efficiency ordinance for existing buildings, requiring all privately owned buildings over 25,000 square feet to benchmark and report their energy and water use, and demonstrate their pathway to energy and water efficiency.	Short Term	Direct Control	PW	CEO	AQ, CL, EN, WT

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
111	Expand and enhance the energy efficiency programs offered by the Southern California Regional Energy Network (SoCalREN).	Medium Term	Direct Control	ISD	-	CL, EN
112	Ensure that all County facilities over 25,000 square feet report their energy and water use to Energy Star Portfolio Manager, perform retro-commissioning at those facilities with the greatest energy use and/or energy use intensity, and attain an Energy Star rating when cost-effective.	Short Term	Direct Control	ISD	All Departments	CL, EN
Strategy 9D: Capture organic waste and develop regional capacity for beneficial reuse						
Targets	By 2025: Reduce organic waste to landfills by 75% (2014 baseline) Increase total capacity for organic waste processing in Southern California by 20% (2014 baseline)					
	By 2035: Reduce organic waste to landfills by 90% Increase total capacity for organic waste processing in Southern California by 30%					
	By 2045: Reduce organic waste to landfills by 95% Increase total capacity for organic waste processing in Southern California by 45%					
113	Establish guidelines for large-quantity food waste or green waste generators to perform on-site composting, mulching or anaerobic digestion and develop a marketing plan for the product.	Medium Term	Direct Control	ACWM, DPR, PW	CalRecycle, DRP	CL, EN, WR
114	Promote and communicate countywide source separation, organic waste collection requirements, food waste reduction and donation, and local organic waste recycling programs and conduct targeted, sector-based educational campaigns.	Short Term	Direct Control	ACWM, DPH, PW	CalRecycle	CL, PH, WR
115	Develop an equitable waste conversion facility siting and byproduct plan.	Short-to-Medium Term	Direct Control & Indirect Control	PW	Cities, FIRE, Sanitation Districts	AQ, CL, EQ, LU, PH, TR, WR
Strategy 9E: Divert reusable and recyclable materials from landfills						
Targets	By 2025: 80% of waste diverted from landfills					
	By 2035: 90% of waste diverted from landfills					
	By 2045: Over 95% of waste diverted from landfills					
116	Expand and support existing countywide programs that incentivize the development of local upcycling and recycling markets and quality recycled materials.	Short Term	Direct Control	PW	CalRecycle, DRP, RR/CC	CL, EW, WR
117	Increase the diversion requirements in the County's Construction & Demolition debris ordinance, encourage the use of recycled-content materials in construction projects, and incentivize use of recycled materials in public art projects funded or commissioned by the County.	Short Term	Direct Control	PW	-	CL, WR
118	Establish rigorous recycling programs and requirements in County Departments.	Short Term	Direct Control	PW, ISD	RR/CC	CL, WR

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#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
Goal 10: A sustainable and just food system that enhances access to affordable, local, and healthy food						
Strategy 10A: Improve access to healthy food						
Countywide		By 2025: 100% enrollment of eligible households in CalFresh/SNAP				
119	Explore policy mechanisms for incentivizing food retail business practices that create living wage jobs in historically impacted communities and expand access to high quality, healthy, sustainable food.	Medium Term	Direct Control	DPH	CEO, DRP, WDACS	EQ, EV, LU, PH
120	Maximize enrollment in CalFresh by partnering with public-facing agencies to promote the program and assist residents of LA county with the application process.	Short Term	Direct Control	DPSS	DPR, Libraries	EQ, PH
121	Enhance and expand the County's existing Food DROP food donation and redistribution program to divert edible food from landfills and make it available to food insecure communities.	Short-to-Medium Term	Direct Control & Indirect Control	PW	DPH	CL, EQ, PH, RE, WR
122	Support the use of public and private land for urban agriculture, such as community gardens, by identifying public parcels available for urban agriculture, streamlining permitting and leasing processes, and incentivizing the conversion of vacant property to agricultural use.	Short Term	Direct Control	CEO	CDC, DPR, DRP, ISD, PW	EQ, LU, PH
Strategy 10B: Support the fair and sustainable production of food						
123	Implement Good Food Purchasing Policy and/or other model policies that promote local and food sustainability, prioritizing vendors with certifications for sustainable agricultural practices related to water, public health, energy use, pesticides, and workers' rights.	Short Term	Direct Control	DPH	CEO	CL, EN, EQ, EW, LE, PH, WT
124	Promote plant-based menu options through nutrition and food procurement policies in food service settings such as County facilities, hospitals, higher learning institutions, school districts, and other food settings.	Short Term	Direct Control	DPH	-	CL, LU, PH, WR, WT
125	Support local farmers and urban agriculture entrepreneurs in adopting regenerative agricultural practices, such as by offering training, technical assistance, and/or financing.	Short Term	Direct Control	DCBA	UC Cooperative Extension	EQ, EW, PH
Goal 11: Inclusive, transparent, and accountable governance that encourages participation in sustainability efforts, especially by disempowered communities						
Strategy 11A: Create an inclusive governance structure						
126	Convene and engage stakeholders to oversee implementation of OurCounty by establishing a multilingual website to track implementation, issuing annual reports on progress, hosting yearly meetings, and soliciting community input on budget priorities.	Short Term	Direct Control	CEO	All Departments	AQ, CL, EN, EQ, EV, HG, LE, LU, PH, RE, TR, WR, WT, F&F

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
127	Develop inclusive community engagement guidelines and activities for County planning projects, including recommended timelines and set-aside funding for childcare, translation services, transportation, cultural engagement activities, and reimbursement costs for community-based organizations and Native communities to participate.	Medium Term	Direct Control	CEO	DRP, LACAC, PW	EQ, PH
128	Develop equity goals and metrics for OurCounty initiatives.	Medium Term	Direct Control	CEO	All Departments	EQ, PH
129	Research options for supporting structured and inclusive participation of residents in all unincorporated areas, such as neighborhood-based groups or associations.	Short Term	Direct Control	Board Executive Office	DRP	EQ, PH
130	Train County budget and grants personnel on principles of participatory budgeting to promote community engagement and transparency.	Medium Term	Direct Control	CEO	RR/CC	EQ, F&F
131	Coordinate with indigenous groups on strategies to integrate the environmental management and development practices of the region's indigenous groups, acknowledging traditional sustainability practices, existing environmental knowledge, and commitment to equity principles.	Medium Term	Indirect Control	CEO	DRP, DRP, LANAC, PW	CL, EN, EW, EQ, PH, WR, WT
132	Adopt a policy stating the goal that the ethnic, gender, and age make up of County boards and commissions is reflective of the county's demographics.	Short Term	Direct Control	CEO	-	EQ

Strategy 11B: Promote environmental stewardship and accessible education across different age, income, ethnicity, and language groups

Targets	Countywide	By 2025:	LA county places within the top three participating jurisdictions in the City Nature Challenge
133	Promote community-led programming in areas such as preparedness planning, environmental justice initiatives, and sustainability and resiliency education and outreach.	Medium Term	Indirect Control
134	Partner with non-governmental organizations to create strategic, comprehensive, and culturally-competent education initiatives to support sustainable practices, climate readiness, awareness of indigenous history and practices, and environmental literacy.	Medium Term	Indirect Control
135	Develop climate-related health equity data initiative that includes collection, and dissemination, builds stakeholder capacity, and drives decision making.	Short Term	Direct Control
136	Provide ongoing sustainability-related education and training for County employees.	Short Term	Direct Control
137	Collaborate with the City of Los Angeles to increase participation in community science initiatives such as the City Nature Challenge.	Short Term	Direct Control

Appendix I: Summary Table

#	Action	Horizon	Sphere of Influence	Lead County Entity	Partners	Topic Tags
138	Implement arts-based civic engagement strategies to support planning and implementation of OurCounty initiatives.	Medium Term	Direct Control	Arts Commission	DPH, DPR, DRP, Libraries, PW	PH, RE
139	Create an artist-in-residency program to work within historically impacted communities to produce asset maps that identify community resources, desires, and opportunities around sustainability efforts.	Short Term	Direct Control	Arts Commission	DPH, DPR, DRP, Libraries, PW	PH, RE
Goal 12: A commitment to realize OurCounty sustainability goals through creative, equitable, and coordinated funding and partnerships						
Strategy 12A: Improve regional collaboration and coordination						
140	Coordinate multi-jurisdictional efforts to seek local, state, federal, and philanthropic funding to support OurCounty initiatives, and provide technical assistance for smaller jurisdictions and tribal governments.	Short Term	Indirect Control	CEO	DPH, DPR, LANAIC, foundations	AQ, CL, EN, EQ, EW, HG, LE, LU, PH, RE, TR, WR, WT, F&F
141	Obtain a Transformative Climate Communities implementation grant.	Short Term	Direct Control	DRP	CDC	AQ, CL, EN, EQ, EW, HG, LE, LU, PH, RE, TR, WR, WT, F&F
142	Develop a coordinated approach to attracting Opportunity Zones funding that includes articulating priorities, identifying potential projects and partners, convening stakeholders (CBOs, developers, philanthropy, investors), and identifying local and state incentives to streamline approval.	Medium Term	Direct Control & Indirect Control	CEO	-	F&F
143	Disseminate climate-related health messaging to healthcare and community partners.	Short Term	Indirect Control	DPH	CEO, DPR	CL, PH, RE, WT
144	Assist County departments, in conjunction with the Center for Strategic Partnerships, to develop innovative public-private partnerships (P3) to support implementation of OurCounty actions, including consideration of proposals and solicitations.	Short Term	Indirect Control	CEO	-	F&F
Strategy 12B: Leverage the County's purchasing power to support organizations achieving positive social and environmental impact						
145	Apply sustainability as a lens for consideration of departmental budget requests, especially to support the implementation of the sustainability plan.	Medium Term	Direct Control	All departments	-	F&F
146	Update County contracting requirements and simplify the contracting process to increase opportunities for County departments to contract with Native nations and community-based organizations, particularly those representing historically impacts communities.	Short Term	Direct Control	DPH	All Departments	EQ
147	Modernize the County's purchasing and contracting policies, including its Green Purchasing Policy, to ensure that the County remains fiscally responsible while promoting environmentally friendly and socially responsible practices, such as contracting with organizations that provide living wage jobs in disadvantaged communities.	Medium Term	Direct Control & Indirect Control	ISD	All Departments	F&F

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Appendix II: Acronyms & Abbreviations

Acronyms & Abbreviations

ACWM	Department of Agricultural Commissioner/Weights and Measures
AVAQMD	Antelope Valley Air Quality Management District
CAL FIRE	California Department of Forestry and Fire Protection
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CDC	Community Development Commission of the County of Los Angeles
CEC	California Energy Commission
CEO	Los Angeles County Chief Executive Office
CERT	Community Emergency Response Team
CIO	Los Angeles County Chief Information Office
CPA	Clean Power Alliance
CSO	Chief Sustainability Office
CSP	Los Angeles County Center for Strategic Partnerships
DBH	Los Angeles County Department of Beaches & Harbors
DCBA	Los Angeles County Department of Consumer & Business Affairs
DHS	Los Angeles County Department of Health Services
DOGGR	California Department of Conservation—Division of Oil, Gas and Geothermal Resources
DPH	Los Angeles County Department of Public Health
DPR	Los Angeles County Department of Parks and Recreation
DPSS	Los Angeles County Department of Public Social Services
DRP	Los Angeles County Department of Regional Planning
FIRE	Los Angeles County Fire Department
GIO	Los Angeles County Geographic Information Officer
HACoLA	Housing Authority of the County of Los Angeles
ISD	Los Angeles County Internal Services Department

JUMPP	Los Angeles County Joint/Shared-Use Moving People to Play Coalition
LACAC	Los Angeles County Arts Commission
LACBA	Los Angeles County Bar Association
LACSD	Sanitation Districts of Los Angeles County
LACI	Los Angeles Cleantech Incubator
LAEDC	Los Angeles County Economic Development Corporation
LAFD	Los Angeles Fire Department (City)
LAFCO	Local Agency Formation Commission
LAHSA	Los Angeles Homeless Services Authority
LANAIC	Los Angeles City/County Native American Indian Commission
LASD	Los Angeles County Sheriff's Department
MRCA	Mountains Recreation and Conservation Authority
NHM	Natural History Museum of Los Angeles County
OEM	Los Angeles County Office of Emergency Management
PW	Los Angeles County Public Works
RCD	Resource Conservation District of the Santa Monica Mountains
RR/CC	Registrar-Recorder/County Clerk
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SMMC	Santa Monica Mountains Conservancy
SWRCB	California State Water Resources Control Board
TTC	Los Angeles County Treasurer & Tax Collector
WDACS	Los Angeles County Department of Workforce Development, Aging and Community Services

Appendix III: Glossary

Glossary

A

Active Transportation	A mode of transportation that includes walking, running, biking, skateboarding and other human powered forms of transportation. It can also include low-speed electrical devices such as motorized wheel chairs, electric-assist bicycles and neighborhood electric vehicles, such as golf carts.
Adaptation	The effort to adjust practices and development in response to climate change in order to lessen future impacts.
Agricultural Lands	Land designated for farming; specifically the production of crops and rearing of animals to provide food and other animal products. See also Working Lands.
Anaerobic Digestion	A process by which organic matter, such as food waste or sewage, is broken down in the absence of oxygen to produce biogas and biofertilizer.
At-Risk Affordable Units	Affordable housing properties that are nearing the end of their affordability restrictions and/or subsidies and may convert to market-rate in the next five years.

B

Beneficial Reuse	The use of material waste for beneficial uses, as opposed to being sent to a landfill, that are economically feasible and have no negative impacts. Beneficial uses may include using newspaper as insulation material, glass bottles as decorative tiling in homes, or food waste to create compost.
Biodiversity	In simple terms, biodiversity is the variety and variability of flora, fauna and ecosystems. Biodiversity can be observed on macro levels, micro levels and in between. Biodiversity is complex, fragile and increasingly threatened by urbanization and climate change. Rich biodiversity supports many aspects of human life from food to medicine and environmental quality.
Biogas	A source of renewable energy, specifically methane, that is derived from the process of bacterial decomposition of sewage, manure, waste, plant crops, or other organic waste products.
Building Decarbonization	A building that contributes zero greenhouse gas emissions. A new construction building would be built utilizing reused and recycled materials and other low carbon intensity materials. Under operation, the building is energy efficient and utilizes renewable energy sources for heating, cooling and power.

C

Car-Share	An integrated network of passenger vehicles available for short-term rental. Car-share can take the form of return systems in which a vehicle must be returned to the parking space from which it was rented. Alternatively, it can take the form of point-to-point systems in which the car can be returned to another space, or left anywhere within a predetermined geographic zone.
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Carbon Dioxide (CO ₂)	A gas made up of one carbon atom and two oxygen atoms that is released during the burning of fossil fuels and other hydrocarbons. Carbon dioxide makes up a small, but growing portion of the Earth's atmosphere. As a greenhouse gas, as carbon dioxide levels in the atmosphere grow, they contribute to the heat-trapping, greenhouse gas effect causing climate change.
Carbon-Efficient	The contribution of fewer carbon emissions while providing the same service. A building, machine, or other object is more carbon-efficient if it delivers more functions or services for the same carbon emissions, or the same function or service for fewer carbon emissions.
Clean Energy	Clean energy sources are renewable, non-polluting, zero-emissions energy sources. See also Renewable Energy.
Clean Manufacturing	Manufacturing processes that remove toxic chemicals in the lifecycle of products and limit waste production and pollution, to preserve clean environments.
Climate Neutrality	A jurisdiction that has net zero GHG emissions. This is achieved through renewable energy supply, efficient buildings, sustainable materials choices and deep retrofits and decarbonization. Climate neutrality often requires carbon sequestration technologies to capture the remainder of GHG emissions.
Climate Vulnerability Assessment	An analysis of the extent to which a species, habitat, or ecosystem is susceptible to harm from climate change impacts. Vulnerability assessments are an integral component of climate adaptation planning.
Co-Generation Facility	An energy plant that recovers waste heat from conventional power generation to produce thermal energy. Also called a combined heat and power (CHP) system.
Community Emergency Response Team (CERT)	The CERT program educates volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills. These skills may include fire safety, light search and rescue, or disaster medical operations. Training in Los Angeles county is offered by the County Fire Department.
Community Land Trusts	A property trust that aims to benefit the surrounding community by providing long-term affordable housing and access to land. Community land trusts are typically private non-profit corporations that are democratically controlled.
Community Science Initiatives	Initiatives where the general public, including non-scientists, can participate in scientific research projects. The City Nature Challenge is an example of a community science initiative where residents can contribute images and information on their local flora and fauna, supporting the research into the biodiversity of the region.
Community Shared Solar Facility	Solar photovoltaic (PV) systems that generate and supply electricity to multiple customers within a specific geographic area. Participants typically make payments to reserve a portion of a solar system or the rights to a portion of its output. As the system generates electricity, all participants receive credits on their energy bill.
Complete Neighborhoods	Neighborhoods that feature necessary resources, such as grocery stores, banks, child care and medical services, all within a small geographic vicinity for easy access.
Compost	Organic matter, rich in nutrients, that has been decomposed from organic waste through a process called composting. Compost is used as a soil conditioner to aid plant growth.

Appendix III: Glossary

Congestion Pricing	A transportation demand management strategy to reduce peak-period vehicle traffic, often times in urban centers. Congestion pricing involves charging road users during set peak times or dynamically based on demand, acting essentially as variable road tolls. Funds raised can be used for transportation improvements.
Cool Surfaces	High albedo, or reflective, surfaces that reflect most of the light and heat that hits the surface. These surfaces are known as cool surfaces and can help to mitigate the urban heat island effect. Cool surfaces include cool (white) roofs, light pavements and roads. Alternatively, high albedo surfaces like asphalt roads absorb heat and radiate that heat to the surrounding areas. See also Urban Heat Island.
Cooling Centers	Community facilities that offer relief from extreme heat and keep people safe from severe temperatures. They also provide other important resources such as water, restrooms, medical attention, or social services.

D

Deep Energy Retrofit	Changes to the structure or systems of an existing building. Building retrofits allow for reductions in energy and water consumption with the use of more efficient technologies, products and designs and can improve amenities for the building's occupants. A deep energy retrofit is one that involves large capital improvements to a building's systems that significantly reduce energy consumption.
Disadvantaged Communities	Areas that suffer most from a combination of economic, health and environmental burdens. These burdens include poverty, unemployment, health conditions, air and water pollution and hazardous waste.
Displacement	The process that occurs when the increasing property values brought about through gentrification drive out the existing residents and business operators and attract a new and different demographic population to an area. Lower income residents may also become unable to access housing in certain areas due to increasing housing prices. See also Gentrification.
Distributed Energy Resources (DER)	Sources of energy that are smaller than utility-scale energy sources and can be aggregated to provide the power necessary to meet regular demand.
Diversion Rate	The percentage of disposed waste that does not end up in landfills as compared to the total waste disposed. The diverted waste is either reused, recycled, or composted.

E

Economic Mobility	The ability of someone to change their income or wealth, or economic status. Many factors can impact someone's economic mobility from income inequality quality of life and affordability of housing, goods and services.
Economic Opportunity	The potential of someone to realize economic success. Similar to economic mobility, economic opportunity can be influenced by many factors such as where one lives and goes to school or the availability of jobs.
E-Scooters / Electric Scooters	Scooters with an electric motor that assist with user mobility.

Electric Vehicles (EVs)	An umbrella term to describe a variety of vehicle types that use electricity as their primary fuel source for propulsion or as a means to improve the efficiency of conventional internal combustion engine. These generally include battery electric vehicles, plug-in hybrid electric vehicles, and fuel cell electric vehicles.
Energy Efficiency	The use of less energy to provide the same service. A building, machine, or other energy consuming object is more energy efficient if it delivers more functions or services for the same energy input, or the same function or service for less energy input.
Energy Star Portfolio Manager	A no-cost, interactive energy management tool offered by Energy Star that allows building owners and operators to track and assess energy and water consumption across one or multiple buildings.
Energy Star Certification/Rating	A building's Energy Star score is a measure of the building's energy performance compared to similar buildings nationwide. A score of 50 represents median energy performance while a score of 75 or better indicates your building is a top performer and may be eligible for Energy Star Certification.
Energy Storage System	Technologies that collect generated energy so it may be used at another time. Energy storage includes electric systems such as batteries as well as thermal systems such as hot and cold water storage tanks. Energy storage can enhance the technical and economic viability of a distributed generation system and can operate critical systems during grid outages or in the case of emergency.
Energy Use Intensity (EUI)	The amount of energy consumed by a building over a period of time and normalized by another factor, such as per square foot or per person. EUI is most often represented as total energy consumption of one building in one year (typically presented in kBtu) divided by the total gross floor area of the building. These factors allow for the comparison of building performance across buildings of different types and sizes.
Environmental Justice (EJ)	Defined by California state law as "the fair treatment of people of all races, cultures and incomes with respect to the development, adoption, implementation and enforcement of environmental laws, regulations and policies."
Extreme Heat Days	The days during which temperatures exceed 95°F. Typically, extreme heat days are projected for future years to assess the threat of extreme heat in an area.
Exurban Sprawl	Urban sprawl beyond a city's suburbs. See also Urban Sprawl.
F	
Fire Hazard Severity Zone	Areas within Los Angeles county, as determined by CAL FIRE, that have high probability of fire hazards. These zones are determined based on factors such as fuel, slope, terrain conditions and weather patterns. Degrees of fire hazard can range from moderate, high, to very high. While these designations do not specifically identify areas where wildfires will occur, they represent areas where wildfire hazards could be more severe and are of greater concern.
First Mile / Last Mile	Strategies designed to increase transit usage by making it more convenient and safe to walk or bike to transit stations. Includes strategies such as wayfinding, bikeways, sidewalk repair and bike share.
Flora and Fauna	The collection of plant and animal species, respectively, in a certain geographic location.

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Fossil Fuels Hydrocarbon fuels formed by natural processes such as the anaerobic decomposition of organic matter. This process is time-intensive and fossil fuels are regenerated on the order of magnitude of millions of years. Typical fossil fuels include coal, oil and natural gas.

G

Gentrification Generally understood as a process in historically low-wealth communities that results in rising real estate values coupled with shifts in the economic, social and cultural demographics and feel of the communities. Please also see Displacement.

Green Chemistry The design of chemical products or processes that reduce or eliminate the generation of hazardous substances.

Green Economy An economy powered by renewable sources of energy, where the net economic production minimizes waste and hazardous by-products.

Green Infrastructure A method for naturally managing rain and flood waters. Green infrastructure reduces and treats stormwater runoff while also improving the local environment. Green infrastructure includes strategies such as green roofs, bioswales and permeable pavements.

Gigawatt (GW) A unit of electric power equal to one thousand megawatts (MW) or one billion watts.

Gini Coefficient A statistical measure of income or wealth distribution, often used as a measurement of inequality.

Green Goods Movement The transportation of goods in a sustainable fashion utilizing alternative fuels and freight and shipping innovations.

Green Industries Industries and businesses that manufacture, install and maintain energy efficiency, clean transportation and renewable energy technologies, recycle or reuse existing materials, educate on environmental issues, environmental compliance, etc.

Green Purchasing Policy A policy for procuring goods and services that are more environmentally-friendly and cause minimal damage to the environment. This may include purchasing materials with recycled content or procuring caterers that utilize reusable serveware.

Greenhouse Gas (GHG) Emissions Gases that trap heat in the atmosphere by absorbing and emitting solar radiation, causing a greenhouse effect that warms the atmosphere and leads to global climate change. The main GHGs are water vapor, carbon dioxide, methane, nitrous oxide and ozone.

Greywater Waste water generated in homes and offices, sourced from baths, sinks, washing machines, or kitchen appliances. Greywater may contain amounts of dirt, food, grease, or cleaning products, but does not have fecal contamination.

Groundtruth The process of collecting, or confirming, data on location. Groundtruthing ensures that any assumptions made are accurate to the area and the community.

H

Habitat Connectivity An important component of maintaining biodiversity in a region. Habitat connectivity ensures that species are able to move around freely to mate, hunt, forage, or reproduce. Habitat connectivity also allows species the ability to migrate to preferable areas in the case of habitat loss or climate event.

Habitat Linkages	Broad regions of habitat connectivity that are important to facilitate the movement of multiple species and maintain ecological processes.
High Frequency Transit	Transit modes that have reliable, high frequency service oftentimes with service every 15 minutes or less.
High-Quality Transit Areas (HQTA)	Generally a walkable transit area, consistent with the adopted RTP/SCS and is within one half-mile of a well-served transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours.

I

Inclusionary Housing	A planning ordinance that requires a given share of new residential construction to be affordable to people with low to moderate incomes.
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J

Joint Development	A real estate development program through which a public organization collaborates with developers to build transit-oriented developments on public-owned properties. In the case of Metro’s Joint Development Program, private developers are incentivized with a long term ground lease of the land.
Joint Powers Authority	An entity created to allow two or more public agencies to jointly exercise common powers. These arrangements allow more creative approaches to the provision of public services and can be more cost-effective.
JUMPP Coalition	The Los Angeles County Joint/Shared-Use Moving People to Play (JUMPP) Coalition, formerly Task Force, is a collaborative of school, park, health, faith, for-profit and community based organizations working together to foster access to safe physical activity spaces for all families in LA county.
Just Cause Eviction	Legislation that protects tenants from eviction and requires landlords or building owners to have a specific reason for eviction.

K

kBtu	One thousand British thermal units. Often used to calculate the energy use intensity (EUI) per square foot of buildings.
Kilowatt (kW)	A unit of electric power equal to 1,000 watts.
Kilowatt Hour (kWh)	A measurement of the amount of kW of electrical power used in one hour

L

LEED	Leadership in Energy and Environmental Design (LEED) is a rating system devised by the United States Green Building Council (USGBC) to evaluate the environmental performance of a building. The rating levels are achieved by fulfilling credits that are grouped into six (6) credit categories: Location and Transport, Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources and Indoor Environmental Quality. Platinum is the highest certification level and requires 80 or more credits (out of 100) be fulfilled.
Lifecycle Approach	An approach to material production and consumption that evaluates all stages of a material’s life including production, use and disposal.

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Lifeline Rates	A water pricing structure where low-income households are charged lower rates on non-discretionary water consumption and higher rates on water consumed beyond that amount.
Light-Duty Vehicle	A passenger vehicle with a maximum gross vehicle weight rating of 8,500 lbs.
Living Building Challenge	The Living Building Challenge is a building certification program run by the non-profit International Living Future Institute. The main areas of focus for this program, called Petals, are: Materials, Site, Water, Energy, Health, Equity and Beauty. The Living Building Challenge is performance-based and certifications are awarded after a full year of proven results during occupancy and full building operation. There is also a Living Community Challenge for a larger scale development.
Living Wage	A minimum income necessary for a worker to meet their basic needs and live comfortably.
M	
Marginalized	A group of people or population that has been pushed to the peripheral of society by not allowing them an active voice, identity, or role in it.
Maximum Contaminant Levels (MCLs)	Thresholds for drinking water systems set by the EPA under the Safe Drinking Water Act, to monitor water quality. MCLs are measures at the water treatment plant before drinking water is distributed and any violations trigger notifications to service areas, not just billed customers.
Measure M	A measure that introduced, in 2017, a one-half cent sales tax in Los Angeles county that will help fund 40 major highway and transit projects over the years to come. Measure M will continue indefinitely unless voters rescind it. It extends Measure R which was set to expire in 2039. See also Measure R.
Measure R	A measure that took effect in July 2009 to introduce a half-cent sales tax for Los Angeles county to finance new transportation projects and programs and accelerate those already in the pipeline. Measure R was extended through Measure M. See also Measure M.
Medium-Duty Vehicle	A passenger vehicle with a maximum gross vehicle weight rating from 8,501 to 10,000 lbs.
Methane (CH ₄)	A gas made up of one carbon atom and four hydrogen atoms. Methane is the main component of natural gas, commonly used as a fuel for heating. Methane is released during the production and distribution of natural gas but also through livestock and other agricultural practices and by the decay of organic waste in landfills. Like carbon dioxide, methane is a greenhouse gas and exacerbates climate change. However, methane has a much higher global warming potential than carbon dioxide meaning that the same amount of methane has a much larger effect than the same amount of CO ₂ .
Microgrid	An electrical distribution network that is connected to two or more buildings in a local area that can enter into “island mode” and provide power to buildings without using the central grid.
Micromobility	Mobility options that are personal vehicles meant to carry one or two passengers such as bicycles, small electric cars, or scooters. Micromobility options are typically offered in urban areas in vehicle-sharing programs.
Mode	A particular form of travel such as walking, traveling by automobile, traveling by bus, or traveling by train.

N

Net Zero Carbon	A building that mitigates greenhouse gas emissions or does not use energy sources that emit greenhouse gases.
Net Zero Energy	A concept to describe structures and systems that produce enough renewable energy to meet their own annual energy consumption requirements.
Net Zero Waste	A building that sends no waste to landfills by reducing consumption and maximizing recycling and composting.

O

Opportunity Zones	Designated census tracts where tax incentives are offered for investment. These zones provide a tax incentive for investors to re-invest their unrealized capital gains into dedicated Opportunity Funds. Opportunity zones are intended to spur growth in low-income and disinvested communities.
Ordinance	A piece of legislation enacted by a municipal authority.
Organic Waste	Biodegradable waste containing materials from living organisms. Organic waste may include food waste, green waste, landscaping and pruning waste, non-hazardous wood waste, or food-soiled paper waste that is mixed in with food waste. Organic waste is typically processed through composting or anaerobic digestion.

P

Particulate Matter (PM)	A combination of solid and liquid droplets found in the air. Particulate matter can include dust, dirt, soot, or smoke. Some PM is large enough to be seen but other types are microscopic (fine particulate matter). Fine particulate matter can travel deeply into the human respiratory tract and can cause health effects such as throat irritation, coughing, or asthma.
Passive House	The Passive House Institute US (PHIUS) Passive Building Standard targets aggressive energy and carbon reductions with cost effectiveness. The Standard requires rigorous quality assurance with protocols requiring specialized PHIUS+ Raters and Verifiers to evaluate the site. The main design considerations for this Standard are the building envelope, air tightness, high-performance windows and doors, heat recovery and moisture recovery ventilation techniques and optimized solar gain through the façade.
Poverty Line	The poverty line is updated regularly to reflect the household income under which a household lacks the resources to meet basic needs. In 2016, the California state poverty line was at \$24,300 per year for a family of four.
Power Purchase Agreement (PPA)	A contract between a seller who generates electricity and a buyer looking to purchase electricity, often used for purchases of renewable sources of energy separate from the utility.
Priority Ecological Sites	See Significant Ecological Areas.
Producer and Manufacturer Responsibility	A shared responsibility between the user and producer or manufacturer for end-of-life management of products. This level of responsibility encourages producers and manufacturers to create products that minimize negative impacts and waste.

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Public-Private Partnership A collaborative arrangement between public agencies and private-sector companies. These partnerships allow large-scale government projects to be completed with private funding, where the private entities are able to receive operating profits.

R

Reach Code A local ordinance that requires projects to exceed minimum requirements established in Title 24, Part 6 Building Energy Efficiency Standards. Reach codes allow the opportunity to aggressively pursue local climate and energy goals while also aligning with the California Energy Commission's goals.

Redlining A government-supported practice that exacerbated inequality by prioritizing home loans in desirable areas for white homeowners, driving away low-income and minority communities and leaving them with fewer pathways to home ownership, economic security and the ability to adapt to shocks and stresses such as impacts from climate change.

Regenerative Agricultural Practices Regenerative agriculture is a holistic land management and agriculture practice that reverses the effects of climate change through the rebuilding of soil organic matter and restoring degraded soil biodiversity. Practices that support regenerative agriculture may include well-managed grazing, the use of compost, or minimal tillage.

Regional Housing Needs Assessment (RHNA) The total number of housing units by affordability level that each jurisdiction must accommodate as defined by the California Housing and Community Development (HCD).

Renewable Energy Energy that comes from resources which are naturally replenished on a human timescale, such as sunlight, wind, tides, waves, bioenergy, hydrogen and geothermal. See also Clean Energy.

Rent Control Rent control is a renter protection measure. Most rent control laws limit how much rent can be increased, limit how often rent can be increased, limit late fees and require landlords to give a reason when asking a tenant to move.

Resilience The capacity to survive, adapt and thrive in the face of chronic stresses and acute shocks and to even transform as conditions require. See also Shocks and Stresses.

Retro-Commissioning The process of improving the efficiency of existing building systems and equipment by ensuring that the equipment is operating appropriately and that setpoints and maintenance are sufficient. Retro-commissioning measures are typically low-cost and may include installing pipe insulation, reducing temperature setpoints during the nighttime, or ensuring that lights are turned off when they should be (through lighting controls or timers).

Right-Sized Parking An effort to reduce the parking footprint and ensure that parking lots and other infrastructure is not oversized for the local demand. Right-Sized parking can incentivize public transportation use and active transportation modes.

Right-to-Return The right of a tenant to return to their apartment after a landlord must perform substantial rehabilitation of a rental units to address code violations or habitability issues, or if the unit was vacated due to fire, flood, or disaster.

S

Safe Clean Water Program (Measure W)	A countywide measure approved by a majority of voters in the November 2018 election. Measure W is funded by a parcel tax of 2.5 cents per square foot of impermeable areas (like concrete driveways and sidewalks) within the County. The funds from the parcel tax would be used to support an integrated and holistic approach to stormwater management, including increasing the countywide rainwater collection capacity.
Sensitive Uses	Land uses that are occupied with vulnerable populations, such as children, older populations and populations with illnesses, that would be particularly sensitive to high levels of air pollution. These sensitive uses may include playgrounds, daycare centers, schools, residences, or medical facilities.
Shocks and Stresses	Events that can range from slow, chronic change to once-in-a-generation occurrences that can impact vulnerability in an area. Shocks are sudden events that threaten or impact the County's immediate well-being. These can include earthquakes, fires, landslides, public health emergencies, civil unrest, terrorism, chemical emergencies, financial crises, extreme heat, flooding, infrastructure outages or disruptions, or building failures. Stresses are longer-term, chronic challenges that weaken natural, built and economic or human resources. These can include inequity, disparities in employment, health and education, crime and violence, homelessness, economic recession, lack of affordable housing, food insecurity, climate change, air pollution and urban heat island.
Signal Prioritization	Techniques for prioritizing bus travel in roadways. Signal prioritization aims to improve service reliability and reduce delays for mass transit vehicles at intersections controlled by traffic signals.
Significant Ecological Areas (SEA)	Officially designated areas within LA County with irreplaceable biological resources. These areas are identified through the SEA Program, intended to conserve the genetic and physical diversity within LA County and development on any SEA is overseen through the LA County SEA Ordinance to balance preservation of the County's natural biodiversity with private property rights.
Single Use Plastics	Disposable plastics that are used only once before they are thrown away or recycled. Food packaging, plastic bags, straws and water bottles are all examples of single use plastics.
Single-Occupancy Vehicle	Privately operated vehicle that contains only one driver or occupant.
Smart Metering	Digital meters that record energy or water consumption and communicate the information to the supplier for monitoring and billing.
Solar Panel	Also known as solar photovoltaics (PV). Systems that convert sunlight into electricity. Excess electricity produced that is not used by the connected building can be sold to the utility through a process called net-metering or the electricity can be stored on site using an energy storage system.
Source Separation	The proper separation of different waste streams for waste collection and treatment. For instance, properly separating and disposing of paper recycling from organic waste.

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Sub-Metering	A system that allows a landlord or building owner to individually meter and bill units based on consumption in a traditionally master-metered building (or one where a single meter measures the entire building's consumption). These systems give residents more visibility and control over their consumption.
Sunset Strategy	A strategy to manage declining industries, such as the oil and gas industry and phase them out.

T

Technology-Enabled Transportation	Transportation modes that are supported by technology either through a phone application or website. These are data-driven applications that share up-to-date information on transportation services and assist with e-ticketing, among other services.
Tipping Rates	A rate or fee paid by anyone disposing of waste at a landfill. Rates vary by type of waste and are generally presented in dollars per ton of waste.
Toxic Emissions	Toxic emissions, as evaluated by the SCAQMD MATES, are emissions that have a carcinogenic risk to humans with air exposure. The study monitored 30 air pollutants, both gaseous and particulate air toxics.
Toxicity-Weighted Concentrations of Emissions	Emissions concentrations scaled based on a toxicity factor. This means that emissions that are more toxic to human health have a higher weight than less toxic emissions. The primary source for toxicity data is EPA's Risk-Screening Environmental Indicators (RSEI) model.
Transfer of Development Rights (TDR)	A zoning technique used to permanently protect land with conservation value, such as farmland or community open space, by redirecting development that would otherwise occur on the land to an area planned to accommodate growth and development.
Transfer of Floor Area Rights (TFAR)	A zoning technique used to permanently protect historical neighborhoods or other sensitive areas by allowing land owners to transfer their allowable floor area ratio (floor area rights) to another building.
Transit-Oriented Development (TOD)	A planning strategy that explicitly links land-use and transportation by focusing mixed housing, employment and commercial growth around bus and rail stations (usually within ½ mile). TODs can reduce the number and length of vehicle trips by encouraging more bicycle/pedestrian and transit use and can support transit investments by creating the density around stations to boost ridership.
Transportation Demand Management (TDM)	Strategies intended to manage the transportation demand of different modes either by reducing demand or redistributing demand. Strategies may include ridesharing, telecommuting, park-and-ride programs, pedestrian improvements and alternative work schedules.

U

Unincorporated Areas	More than 65% of the County (or 2,654 square miles) is unincorporated. For the population of nearly 1 million people living in these areas, the County Board of Supervisors acts as their city council and the supervisor representing a specific area acts as the city mayor. County departments provide the municipal services for these areas. There are approximately 120 – 125 unincorporated areas in Los Angeles county.
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Urban Agriculture	Agriculture practices in urban areas that take the form of backyard, rooftop, or balcony gardening, community gardening in vacant lots or parks, or roadside agriculture and livestock grazing in available open space.
Urban Ecology	The study of ecological processes particularly in urban environments.
Urban Heat Island	A metropolitan area that is significantly warmer than its less dense surroundings. This temperature difference is due to urbanization and the lack of cool surfaces and urban tree canopy to reflect the sun's heat. See also Cool Surfaces.
Urban Sprawl	The unrestricted growth of urban areas into rural surrounding areas that promote low density development and car dependence.

V

Vision Zero	A countywide commitment to eliminate traffic-related deaths and severe injuries on unincorporated roadways by 2035.
Vehicle Miles Traveled (VMT)	A measurement of miles traveled by vehicles within a specified region for a specified time period.
Vulnerable Populations	The population of Los Angeles county including the elderly, people with disabilities, children, people of color and people with chronic medical conditions that are at elevated risk of climate change impacts such as extreme heat, fire and flooding. These communities typically lack the resources to protect themselves from climate events or recover quickly from damage or illness.

W

Walk Score	A Walk Score is a measurement of walkability of a location. The Walk Score considers the walking commute between amenities, road metrics such as block length and intersection density and population density. Walk Scores can range from 1 - 100 where a Walk Score between 90 and 100 is considered to be a "Walker's Paradise."
Waste Characterization Study	A study to determine the mix of waste types in the disposed waste of an area by collecting waste data and taking samples. Waste characterization can determine how much of the disposed waste is recyclable, how much is organic, or how much is hazardous. This information is very important for setting up recycling and reuse programs and developing strategies to reduce waste generation.
Waste Conversion	Non-incineration based technologies used to convert non-recyclable solid waste to electricity, fuels, or industrial chemical feedstocks.
Waste Generation	The total amount of waste created within a geographical area before source separation and recycling.
Waste Treatment	The biological, chemical, or mechanical treatment of waste in order to remove pollutants and minimize harm to people and the environment.

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Watershed Approach	A holistic approach to water management that engages multiple stakeholders (public sector, private sector and communities) and is focused on maintaining a watershed that provides drinking water, recreation and sustains life for the area. A watershed approach addresses the highest priority problems within certain geographic areas taking into consideration both ground and surface water flow.
WELL Building Standard	The WELL Building Standard is a performance-based system for measuring, certifying and monitoring buildings elements that impact occupant health and wellness. WELL analyses building qualities such as air, water, nourishment, light, fitness, comfort and mind. WELL certification is design to work in parallel with other existing frameworks such as LEED, Living Building Challenge, or BREEAM.
Working Lands	Working lands refer to the farms, ranches, forests, other extractive land uses and managed natural areas that support economic activity and land-based livelihoods. These areas supply life-sustaining resources including clean water, air, food and fiber.
World Biodiversity Hotspot	Areas across the globe that are biologically rich and threatened by development, urbanization, pollution and disease. There are a total of 36 qualified world biodiversity hotspot areas of which the California Floristic Province, inclusive of Los Angeles county, is one.

Z

Zero Emission Vehicles (ZEV)	Vehicles that produce no tailpipe emissions of criteria pollutants. Generally, ZEVs feature electric powertrains. Technically, ZEVs are still responsible for some greenhouse gas (GHG) emissions, as the GHG content from the electricity generation must be accounted for.
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