



TRANSFORMING LOS ANGELES

ENVIRONMENT | ECONOMY | EQUITY

3rd Annual Report 2017-2018





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Here in Los Angeles, we know that when we live sustainably, we increase equity, protect the environment, and fortify ourselves in the best of times so we don't just survive – but thrive – in the face of inevitable challenges.

This past year was marked by a series of milestones in our work to make Los Angeles the most sustainable city in the United States, and the world. I set 61 commitments, and I'm proud to announce that we have achieved – and in many cases, exceeded – 90% of our goals. Here's a glimpse at some of this year's defining accomplishments:

- Launched the BlueLA Electric Car Sharing Program, the nation's largest EV car sharing program for underserved communities. The project works to reduce greenhouse gas emissions and provide low-income communities with clean, affordable transportation options in neighborhoods. Since the first demonstration site opened in June, the City has hosted more than 140 community events to increase awareness and exposure to affordable, clean transportation options.
- Signed the Fossil Fuel Free Streets Declaration alongside 11 other C40 Mayors – which pledges to procure only zero-emission buses by 2025 and ensures that a major area of our city will be zero-emission by 2030.
- Secured \$35 million in state funding from the Transformative Climate Communities grant program for a community revitalization project in Watts. The grant will fund an array of projects, including affordable housing, urban greening, emission-free transportation, and energy efficiency retrofit programs.
- Partnered with Long Beach Mayor Robert Garcia to sign a joint declaration setting ambitious goals for the Ports of Los Angeles and Long Beach to make the transition to zero emissions goods movement in their Clean Air Action Plan, which will help reduce greenhouse gas emissions and provide relief to communities that have historically borne the burden of poor air quality caused by port-related activities.
- Passed the Affordable Housing Linkage Fee, which will help Los Angeles double its production and preservation of affordable housing, put incentives in place for more mixed-income developments, and create more than 900 good-paying jobs for Angelenos every year. After its full implementation, the fee is expected to generate \$100 million for affordable housing activities.

Los Angeles is a leader on the global stage, much of which is due to our commitment to sustainability. Indeed, climate change is a transnational issue that extends far beyond county and state lines. That's why when the White House announced the decision to withdraw from the Paris Climate Agreement, I spearheaded a bipartisan coalition of U.S. mayors committed to upholding the Paris Climate Accord.

Today, the Climate Mayors network is 402 cities strong, spanning 47 states and representing nearly 70 million Americans. And to help Los Angeles uphold the Paris Agreement, we are working together with our partners at the C40 Cities Climate Leadership Group to ensure our Sustainable City pLAN is compatible with the goals of the agreement.

I am grateful to my fellow Angelenos who have stepped up to conserve water, save energy, and turn to more sustainable methods of transportation. These actions, and others, have helped move the pLAN's proposals to meaningful actions.

When I released this report in 2015, I committed to a full pLAN refresh every four years so we can evaluate where we're making progress and how we can be even bolder in our efforts. The next pLAN, scheduled for release in 2019, will fulfill this commitment and feature a refined focus on workforce development and equity to ensure our efforts are felt by every individual across Los Angeles.

Sustainability is so much more than a lens through which we make policy decisions; it is a value that guides everything we do in Los Angeles. We know that today's decisions will shape the lives of our children and grandchildren tomorrow, and I am inspired by all that we have achieved – and all that we will do – in the work of making ours the most sustainable city in the world.

Sincerely,

Mayor Eric Garcetti





When Mayor Garcetti released the Sustainable City pLAN in April of 2015, he not only set time-bound commitments to be achieved in 2017, 2025, and 2035; he set into motion unprecedented collaboration and focus to bringing environmental health, economic opportunity, and equity to Angelenos.

What do I mean by collaboration? Here are a few examples:

EV Deployment: The pLAN calls for at least 50% of all future vehicle procurements be electric by 2017, the most ambitious procurement commitment of any city at the time. For nearly two years, our office has convened an EV Task Force with 13 city departments on a monthly basis to coordinate all of the City’s fleets – General Services, LAPD, LAFD, LAWA, POLA, and DWP. In that short amount of time, the task force helped the City procure over 475 electric vehicles, and developed an EV charger deployment strategy for municipal facilities and in the public right of way.

Environmental Justice: We set a goal to reduce the number of census tracts in the top 10% of CalEnviroScreen by 25% by 2025 and when a unique opportunity like the Transformative Climate Communities grant came about, we were ready. Through proactive engagement with local community groups and city departments, three exciting and worthy projects were put forward. The Watts Rising Collaborative was the successful candidate this year, with sixteen co-applicant organizations ranging from local non-profits, clean tech companies, and city departments led by the Housing Authority of the City of Los Angeles. By working together, they turned a \$35 million grant into an over \$203 million project that will revitalize the neighborhood, fight climate change, and improve the health of residents.

Clean electric grid: Last June LADWP convened the first meeting of the 100% Renewable Energy Advisory Group – including universities, non-profits, neighborhood councils, businesses, and the U.S. Department of Energy – to launch this unprecedented analysis of LA’s electric system. Our goal for this study is not “if” but “how” and so we have intentionally sought a diversity of expertise, backgrounds, and perspectives represented to help guide the study.

International Leadership: 2017 was marked by a surge in collaboration among Mayors and cities. With Mayor Garcetti’s leadership in adopting the principles of the Paris Climate Agreement, he helped invigorate now 402 Mayors around the country to do the same. As we assess our progress since the pLAN was launched, we are looking ahead at opportunities to stretch our ambition and make the pLAN a world leading example of what it means to uphold the Paris Climate Agreement. To deliver on its commitment, L.A. has teamed up with C40 to create one of the first Paris-compatible city sustainability plans which we will achieve through the Sustainable City pLAN refresh – a collaborative process to review pLAN goals, incorporate new goals, and include deep decarbonization pathways. The pLAN refresh is set to be completed by the first quarter of 2019 and stakeholder engagement is already underway.

Last year was indeed a marquee year for the pLAN. It was the year we set as our near-term target date for 61 ambitious outcomes. As we mark 2017, I am proud to share that our City departments, local businesses, nonprofits, and other partners came together to achieve, and in many cases exceed, 90% of our 2017 goals (see page 15 for our status on the remaining six outcomes).

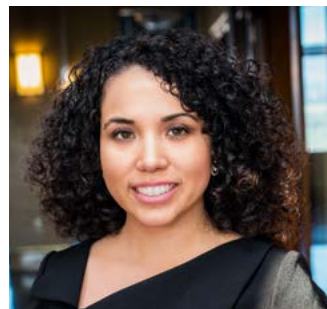
I want to thank our partners inside the City family and beyond the City family. At a time when the Federal government has turned its back on environmental protection, and all the benefits to our health and prosperity that come with it, Mayor Garcetti is not just staying the course, he’s leading it. That leadership is made possible by our partners. We cannot make the goals of the pLAN a reality without you, so thank you for your passion, dedication, ambition, and action.

Onward!

Lauren Faber O'Connor, Chief Sustainability Officer



Lauren Faber O'Connor
Chief Sustainability Officer



Jeanalee Obergfell
Senior Policy Analyst



Kathryn Goldman
Climate Adviser



Katie Mika
Water Policy Adviser



Liz Crosson
Deputy Chief Sustainability Officer



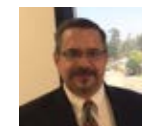
Michael Samulon
Senior Policy Analyst



Nidia Erceg
Air Quality Adviser



Elena Guevara
Policy Analyst



Department of Aging
Marco Perez
Additional Sustainability Staff:
Jennifer Ware



Department of Animal Services
Tammy Watson



Department of Building and Safety
Osama Younan



Department of Contract Administration
Chris Smith
Additional Sustainability Staff:
Hannah Choi



Department of Cultural Affairs
Danielle Brazell



Economic and Workforce Development Department
Stella Catanzarite
Additional Sustainability Staff:
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Bureau of Engineering
Mahmood Karimzadeh
Additional Sustainability Staff:
Shawn Farzan, Zohra Akhter, Jeannie Park



Los Angeles Fire Department
Chief Fred Mathis
Additional Sustainability Staff:
Chief Nikki Brodowy



General Services Department
Lisa Gabriel
Additional Sustainability Staff:
Valerie Melloff



Housing and Community Investment Department
Laura Guglielmo
Additional Sustainability Staff:
Sally Richman



Information Technology Agency
Jeanne Holm



Department of Neighborhood Empowerment
Jasmine Elbarbary



Department of City Planning
Shana Bonstin
Additional Sustainability Staff:
Claire Bowin



Los Angeles Police Department
Commander Sean Malinowski
Additional Sustainability Staff:
Commander Jeffrey Bert, Detective Michael Bland



Port of Los Angeles
Christopher Cannon
Additional Sustainability Staff:
Rachel McPherson



Los Angeles Public Library
Eloisa Sarao



Department of Recreation and Parks
Matthew Rudnick
Additional Sustainability Staff:
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Bureau of Sanitation
Doug Walters



Bureau of Street Lighting
Norma Isahakian
Additional Sustainability Staff:
James Quigley



Department of Street Services
Greg Spotts
Additional Sustainability Staff:
Ron Lorenzen



Department of Transportation
Marcel Porras



Department of Water and Power
Nancy Sutley
Additional Sustainability Staff:
Aaron Gross



Los Angeles World Airports
Samantha Bricker
Additional Sustainability Staff:
Tamara McCrossen-Orr



Los Angeles Zoo
Darryl Pon

The pLAN Dashboard

When the Sustainable City pLAN was released in 2015, Mayor Garcetti committed to not only create annual reports on progress in implementing the pLAN, but also to demonstrate progress and transparency through clear metrics. The annual report is one way to keep up with the pLAN, but you can also track our progress at:

plan.lamayor.org/sustainability-dashboard

Metric
Corresponds to long-term outcomes that are measurable and time-bounded by 2025 and 2035.



Goal
Where L.A. aims to be by the year stated.

Latest Progress
Most recently available data.



Photo: Shutterstock_244494649

Below are all the 2017 (or where noted 2025) outcomes. We met 55 out of the 61 2017 outcomes, and 2 of the 2025 outcomes have been completed ahead of schedule. The 6 outcomes not met remain in progress.



- Secure additional funding for San Fernando Groundwater Basin clean up
- Reduce average per capita potable water use by 20%
- Establish Water Cabinet to implement key aspects of local water policy
- Expand recycled water production by at least 6 million gallons per day
- Replace 95 miles of water pipe infrastructure
- Reduce number of annual sewer spills to less than 125
- Identify funding mechanism(s) to implement the Enhanced Watershed Management Plan necessary for Municipal Separate Storm Sewer System permit compliance
- Reduce number of annual sewer spills to less than 100 (2025)



- Increase installed capacity of local solar photovoltaic (PV) power to 400 megawatts (MW)
- Reduce residential solar PV interconnection wait time to less than two weeks
- Install at least 1 MW of solar on L.A. Convention Center roof
- Increase total cumulative MW of energy storage capacity to 24 MW (excluding Castaic Pump-Storage Plant)
- Upgrade Castaic Pumped-Storage Plant to accommodate intermittent renewable energy sources
- Launch a revised Integrated Resource Plan (IRP) process that includes in the 2015 and/ or 2016 IRP a local solar scenario that achieves the long-term stretch goal outcomes



- Avoid cumulative 1250 GWh of energy use between 2014 and 2017 due to efficiency programs
- Expand Los Angeles Better Buildings Challenge (LABBC) to 60 million square feet
- Create benchmarking policy to monitor and disclose building energy-use
- Develop a policy package (e.g., audits and retro-commissioning) to address energy consumption in the city's largest buildings (public and private)
- Retrofit 12,500 homes with residential Property Assessed Clean Energy (PACE) financing



- Establish a pathway to derive 50% of LADWP's electricity from renewable sources by 2030
- Develop a comprehensive climate action and adaptation plan, including an annual standardized GHG inventory
- Work with other cities to establish standardization of municipal and community-wide GHG inventory reporting in the US and globally
- Lead Mayors of the US's largest cities to sign on to the Mayor's National Climate Action Agenda
- Accelerate the decarbonization of the electricity grid, including ceasing delivery of power from Navajo Generating Station



Waste & Landfills

- Expand local organic waste-collection program
- Designate a site and project parameters for an anaerobic digestion facility with at least 50 tons of capacity to process local organic waste
- Implement a waste franchise system to increase commercial recycling rates, reduce pollution from heavy-duty waste-hauling vehicles, and enhance material recovery opportunities to reach an 80% diversion rate by 2020.



Housing & Development

- Issue permits for 17,000 new units of housing within 1,500 feet of transit
- Increase the combined annual amount of federal, state, and local money dedicated to affordable housing development by at least 33% compared to 2014 levels
- Minimize the loss of existing affordable housing units through density bonus revision and implementation of AB 2222



Mobility & Transit

- Complete LA Metro's regional integrated bike share system plan
- Establish bike share system in LA starting with at least 65 stations and 1,000 bikes
- Increase multimodal connections at 10 rail stations



Prosperity & Green Jobs

- Increase Minimum wage to \$13.25/ hr
- Achieve annual parity between incoming and outgoing entitlement cases (i.e. no additional case backlog)
- Create 20,000 green jobs
- Attract \$100 million of private-sector investment through the L.A. Cleantech Incubator
- Reduce the unemployment gap between City of LA and LA County to .35% (2025)



Preparedness & Resiliency

- Implement enhanced Reverse 911 system to incorporate mobile phones and alerts
- Install 10,000 new cool roofs
- Pilot installation of "cool slurry" pavement
- Develop comprehensive climate action and adaptation plan



Air Quality

- Install more than 1,000 publicly available EV charging stations, with more than 100 (including DC fast chargers) on City property
- Expand alternative maritime power and alternative low-emission compliance mechanisms (e.g., stock on the stack) to 70% of ships calling at the Port of Los Angeles
- Execute four zero-emissions or PZEVs goods movement pilots within the Port of Los Angeles
- Develop and complete Clean Air Action Plan 2.0 at the Port of Los Angeles



- Implement and expand Clean Up Green Up program by targeting the highest scoring (i.e., most impacted) CalEnviroScreen census tracts, including South LA
- Implement neighborhood-level air quality monitoring
- Require all city farmers' markets to accept EBT



- Achieve 56% of Angelenos living within a half mile of a park or open space
- Develop city biodiversity strategy
- Develop strategy for funding Park Stewardship Alliance with nonprofits and other partners
- Pass legislation allowing for and encouraging urban agriculture in open space (e.g., medians, vacant lots, etc.)
- Initiate tree and tree-canopy registry to document L.A.'s urban forest to guide tree-planting investments
- Create additional 5 miles of L.A. River Public access



- Implement improvements on 15 commercial corridors/Great Streets
- Achieve designation as an Age-Friendly City by the World Health Organization's Global Network of Age-friendly Cities and Communities



- Reduce water use at city facilities and proprietary departments by 20%
- Achieve 4-STAR Community rating
- Ensure that 50% of the City's light duty vehicle purchases are EVs, and analyze conversion of other vehicle types to EVs
- Be a Top 10 city as rated by the American Council for an Energy Efficient Economy (ACEEE)
- Create a city-to-city partnership in L.A. County to establish a baseline sustainable city plan for adoption
- Establish a pLAN working group of key city departments, business leaders, local universities, and major stakeholders

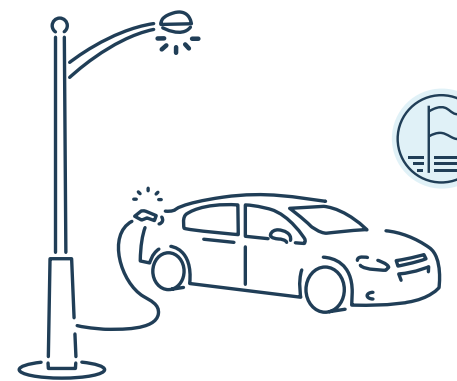
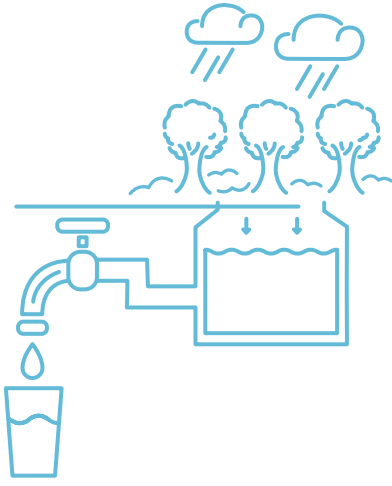
2017 Outcomes Still in Progress

- Increase installed capacity of local solar photovoltaic (PV) power to 400 megawatts (MW)**
 - Local solar capacity reached 291 MW by the end of February 2018, a 29% increase over the last year. (Source: L.A. Department of Water and Power, March 2018)
- Retrofit 12,500 homes with residential Property Assessed Clean Energy (PACE) financing**
 - By the end of 2017, 8,692 PACE projects were completed in the city, a 36% increase over the last year. (Source: Renovate America and California First, February 2018)
- Achieve annual parity between incoming and outgoing entitlement cases (i.e. no additional case backlog)**
 - In 2017, the Department of City Planning completed processing for a number of cases equal to 94% of those filed. (Source: L.A. Department of City Planning, January 2018)
- Achieve 56% of Angelenos living within a half mile of a park or open space**
 - 41.5% of Angelenos currently live within a half mile of a park or open space. The Department of Recreation and Parks (RAP), along with non-profit partners, continues to develop new open space in park-deficient areas of L.A. In partnership with the Los Angeles Unified School District, RAP is also working to provide public access to school play yards and fields to increase walkable park access in high-density neighborhoods. (Source: Trust for Public Land ParkScore, January 2018; RAP, March 2018)
- Create additional 5 miles of L.A. River Public access**
 - The opening of the Zev Yaroslavsky Greenway Trail in June 2017 added an additional half mile of open space along the L.A. River, bringing us halfway to our 5 mile goal. (Source: L.A. RiverWorks, January 2018)
- Achieve 4-STAR Community rating**
 - The City has partnered with local non-profits and university students to complete the certification. (Source: Mayor's Office, February 2018)



Local Water

- L.A. broke ground on the North Hollywood West Wellhead Remediation Project that will restore the use of groundwater as a safe source of drinking water.
- L.A. has undergone a multi-year collaborative effort, led by LASAN and LADWP, to develop *One Water LA 2040*, an implementation strategy to manage our water in a more integrated, cost effective, and sustainable manner.



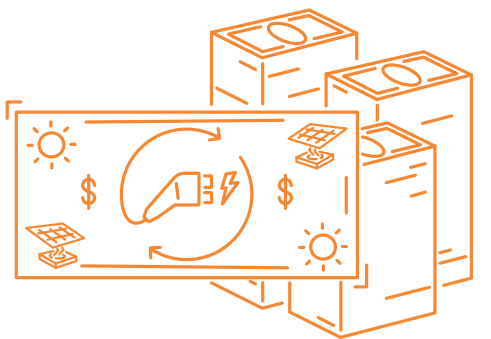
Lead by Example

- At 475 vehicles, we have the largest municipal EV fleet in the country.
- L.A. is the first U.S. city to mount an EV charging station onto a light pole.
- L.A. is named #1 city with EPA certified ENERGY STAR buildings (public and private).



Air Quality

- The Port of L.A. announced goals to transition all terminal equipment to zero emissions by 2030 and to transition to a zero-emission drayage fleet by 2035.
- At nearly 1,500, L.A. has the most publicly available electric vehicle chargers of any U.S. city and LADWP has committed to install 10,000 EV chargers in the next 5 years.



Prosperity & Green Jobs

- L.A. has created over 28,500 green jobs.
- L.A. has attracted \$159 million in green investment through LACI.



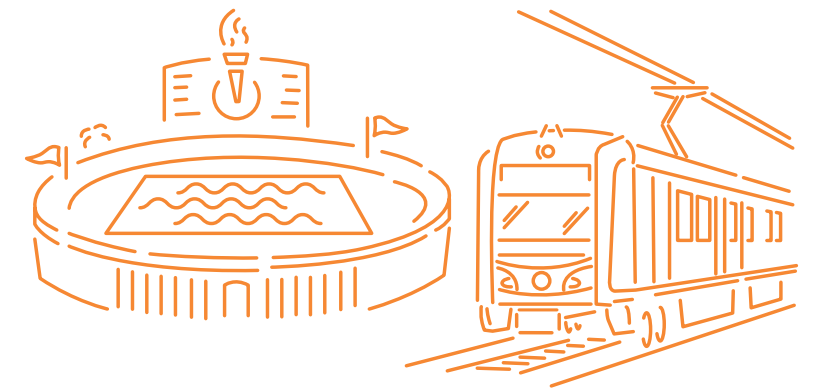
Local Solar

- LADWP launched Solar Rooftops, a community solar program to help deploy solar in low-solar penetration neighborhoods.
- At 291 MW, L.A. has the most installed solar power of any city in the U.S.



Environmental Justice

- The Watts community was awarded \$35M in cap-and-trade funding for transformative community revitalization projects including affordable housing, urban greening, clean energy, and active transportation.



Mobility and Transport

- Mayor Garcetti announced a "Twenty-eight by '28" initiative to push for the completion of 28 major Metro projects in time for the 2028 Olympic and Paralympic Games.



Preparedness & Resiliency

- L.A. released its first ever comprehensive resilience strategy that addresses climate change vulnerabilities and strategies for adaptation.
- L.A. has installed over 140,000 square feet of cool pavement and over 39 million square feet of cool roofs throughout the city to help mitigate urban heat.



Carbon and Climate Leadership

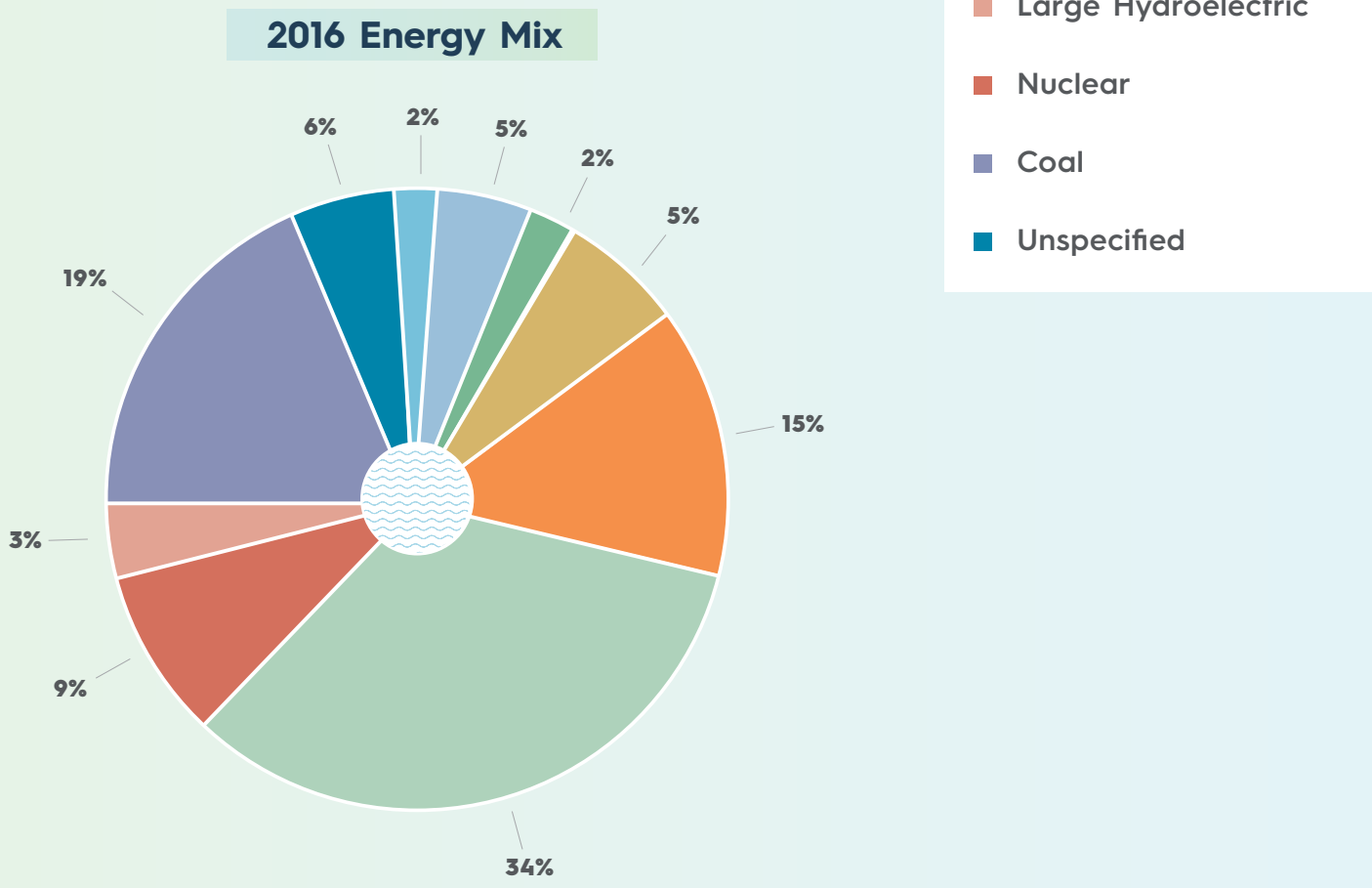
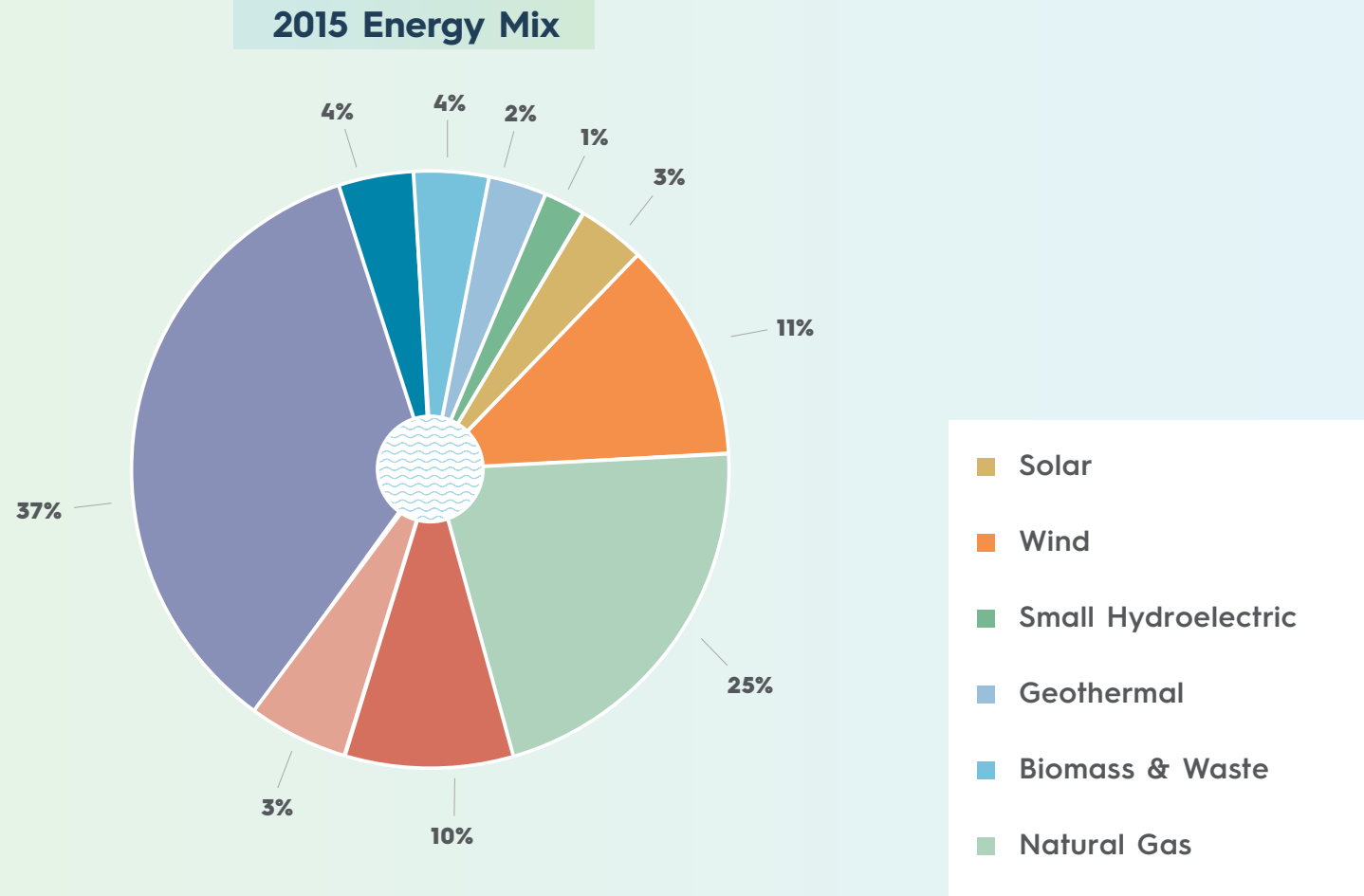
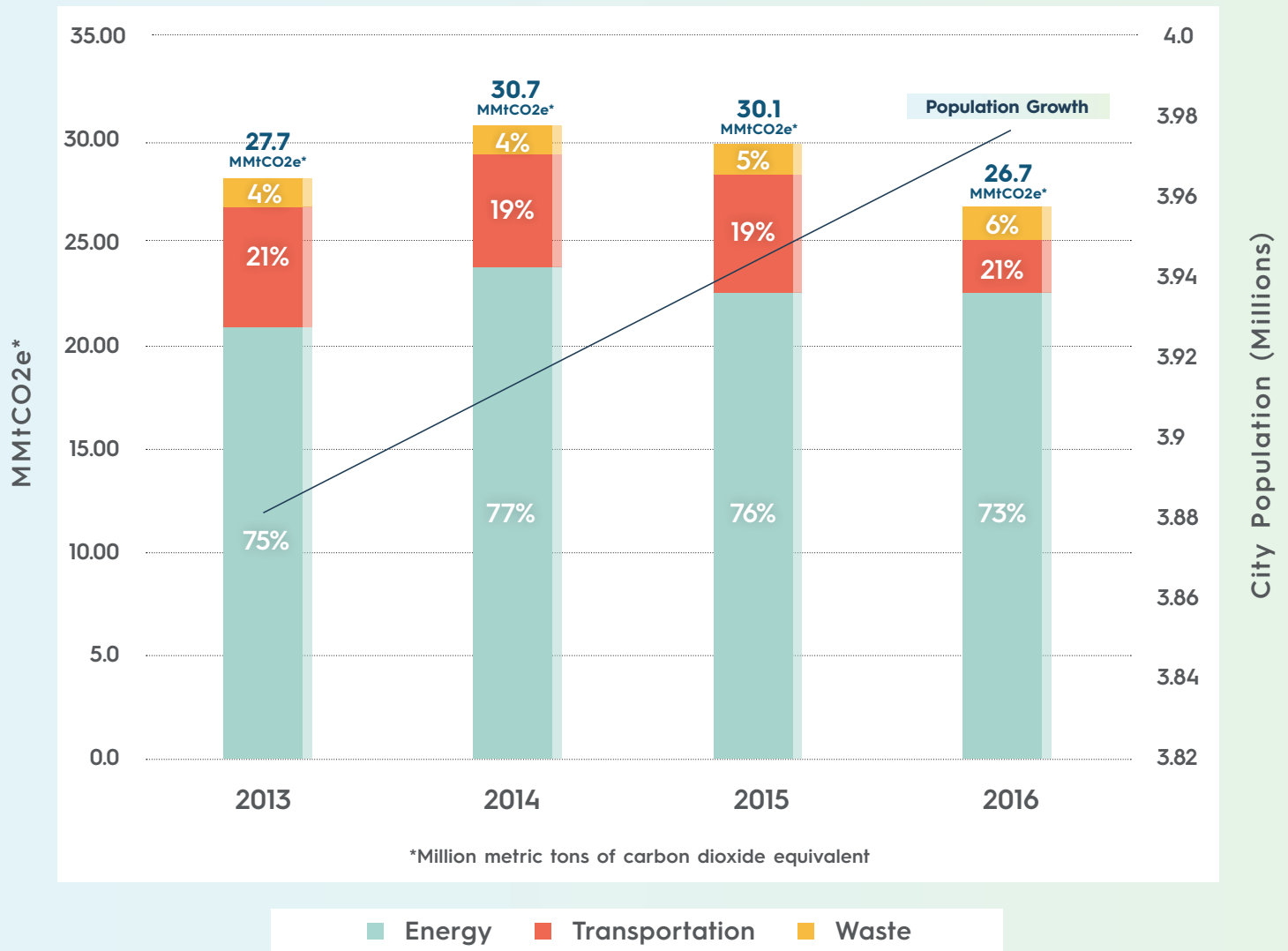
- In 2016 alone, L.A. reduced its city-wide greenhouse gas emissions by 11%, equivalent to taking 737,000 cars off the road.
- L.A. has secured \$160M in California Climate Investment Funds from the state's cap-and-trade program.



Urban Ecosystem

- L.A. is the first U.S. city to apply the Singapore Index on Cities' Biodiversity, an international index for evaluating and monitoring cities' progress on biodiversity conservation efforts.





L.A. assessed its community-wide greenhouse gas (GHG) emissions for 2013-2016 following the Global Protocol for Community-Scale Greenhouse Gas Inventories (GPC), an internationally recognized GHG accounting and reporting standard for cities. The inventory covers emissions from the energy, transportation, and waste sectors.

In 2016 alone, city-wide GHG emissions decreased 11%, which is equivalent to taking 737,000 cars off the road. At the same time, L.A.'s population continues to increase and our economy continues to grow. Our per capita emissions are currently 6.7 metric tons CO2e - about one-third of the national average - and are on track with the goals for cities to achieve the Paris Agreement ¹.

Much of the decline in emissions in the last year was due to the Los Angeles Department of Water and Power's (LADWP) increasingly cleaner energy mix. From 2015 to 2016, LADWP decreased the percentage of its coal-generated electricity from 37% to 19% and increased renewables from 21% to 29%.

Notably, L.A. experienced a drop in emissions from energy used to move and provide water to Angelenos. From 2015 to 2016, these emissions declined by 29%. Although emissions related to water consumption make up a small percentage of total community-wide GHGs (0.7%), they are important to monitor as we transform our water system and move towards water independence.

¹ C40 Cities. (2016). Deadline 2020: How cities will get the job done. <http://www.c40.org/researches/deadline-2020>

\$35 Million for Watts Community Revitalization

On January 29, 2018 the California Strategic Growth Council (SGC) announced that the Watts Rising Collaborative's proposal was selected to receive \$35 million in state funding from the Transformative Climate Communities (TCC) grant program. The Watts Rising Collaborative is comprised of 16 co-applicant organizations led by the Housing Authority of the City of Los Angeles (HACLA). Owing to significant community engagement undertaken to develop the proposal, the project includes construction of 81 affordable housing units for the Phase 2A of the Jordan Downs redevelopment, opening nine acres of green space and about 165,000 square feet for retail, as well as an expansion of "Safe Passage Program" to improve safety for children walking to school. It also includes urban greening, active transportation improvements, energy efficiency retrofits to multi-family homes, and 150 solar



Photo: Housing Authority of the City of Los Angeles

installations on single family homes. The project will electrify ten DASH buses serving Watts and will launch an electric vehicle car sharing and shuttle program to serve the community. The new programs will be supported by a workforce development plan and displacement avoidance plan to ensure that the benefits of the TCC grant are fully enjoyed by Watts residents.

Mayor Garcetti a Founding Signatory to C40's Fossil Fuel Free Streets Declaration

On October 23, 2017 Mayor Garcetti and 11 other C40 mayors signed the Fossil Fuel Free Streets Declaration, pledging to procure only zero-emission buses by 2025 and ensure that a major area of the city is zero emission by 2030. These commitments will serve as market signals to accelerate the shift to a decarbonized transportation sector - the fastest growing source of emissions in cities - and will propel L.A. towards its goal of reducing emissions and improving air quality. The Mayor's Office is working closely with the Los Angeles Department of Transportation (LADOT) and the Los Angeles County Metropolitan Transportation Authority to deliver on this commitment. Both transit agencies have committed to electrifying their bus fleets by 2030. LADOT's commitment was reinforced by a council motion introduced by Councilmembers Mike Bonin and Jose Huizar and unanimously approved in November 2017. To further increase the benefits of bus electrification



Photo: Los Angeles Department of Transportation

to Angelenos, the motion was amended to include workforce development, prioritize the electrification of buses in disadvantaged communities with the poorest air quality, and integrate renewable energy into powering the electric buses.

402 U.S. Climate Mayors Commit to the Paris Climate Agreement

When President Trump announced his plans for the U.S. to withdraw from the Paris Climate Agreement on June 1, 2017, Mayor Garcetti led a coalition of 60 Climate Mayors in a statement denouncing his actions and committing to adopt the goals of the Agreement in their cities. One week later, the Climate Mayors network and signatories to the statement quadrupled in size to include 279 cities, across red and blue states. Today, 402 cities have committed to uphold the Paris Agreement, including the 10 largest cities in the U.S. The Climate Mayors network now spans across 47 states, representing nearly 70 million Americans.



Photo: Mayor's Office

New Clean Air Action Plan Pushes Ports Towards a Zero-Emissions Future

In June 2017, Mayor Garcetti and Long Beach Mayor Garcia came together to sign a joint declaration setting ambitious goals for the Ports of Los Angeles and Long Beach to make the transition to a zero-emission on-road drayage fleet by 2030 and zero-emission terminal equipment by 2035. These goals are incorporated into the joint Ports' Clean Air Action Plan (CAAP) Update, approved by the ports' governing boards in November 2017 to provide high-level guidance for reaching zero-emission operations while strengthening the ports' economic competitiveness. New in the 2017 CAAP are targets for reducing greenhouse gas emissions (GHGs) from port-related sources, 40 percent by 2030 and 80 percent by 2050. Decreasing GHGs is expected to further lower diesel particulate matter (DPM), nitrogen oxide (NOx), and sulfur oxide (SOx) emissions, the leading causes of poor air



Photo: Mayor's Office

quality experienced by communities residing near the ports and along freight corridors. Significant in the 2017 CAAP is the commitment to reduce DPM emissions by 85 percent by 2020 and reduce NOx and SOx emissions by 59 percent and 93 percent, respectively, by 2023.

L.A. Breaks Ground on New Groundwater Treatment Project

On January 17, 2018 Mayor Garcetti broke ground on the North Hollywood West Wellhead Remediation Project (NHWWRP), a project to clean up and restore the use of groundwater for safe, high-quality drinking water in the San Fernando Valley and city at large. The Los Angeles Department of Water and Power (LADWP) was awarded a \$44.5 million Proposition 1 grant from the State Water Resources Control Board in January 2018 to help fund this \$92 million project which is slated to be complete by 2020. The NHWWRP, in combination with three other planned remediation projects in the San Fernando Valley, advances two key pLAN goals – reducing the purchase of imported water by 50 percent by 2025 and producing 50 percent



Photo: Mayor's Office

of L.A.'s water locally by 2035. By facilitating the use of additional groundwater from the San Fernando Basin, this project also furthers the goals of increasing recycled water use and stormwater capture.

New Linkage Fee Will Help L.A. Increase Affordable Housing

On December 13, 2017 Mayor Garcetti signed into law the Affordable Housing Linkage Fee, which will help L.A. double its production and preservation of affordable housing, put incentives in place for more mixed-income developments, and create more than 900 well-paying jobs for Angelenos every year. Once fully implemented, the fee is expected to generate \$100 million for affordable housing related efforts. Mayor Garcetti first proposed this iteration of the linkage fee in 2015 as part of his comprehensive housing strategy, which includes tripling the production of permanent supportive housing for the homeless, strengthening the City's Rent Stabilization Ordinance, doubling the production and preservation of affordable housing, and permitting 100,000 units by 2021 through a robust development reform agenda.



Photo: Mayor's Office

The fee is expected to help L.A. achieve its 2025 goal of reducing the number of rent-burdened households by 10 percent.

L.A. Launches 100% Renewable Energy Study

In June 2017, the Los Angeles Department of Water and Power (LADWP) launched a 100% Renewable Energy Study to determine what investments are needed to achieve a 100% renewable energy supply. The study was launched after Mayor Garcetti worked with City Council to adopt a motion directing LADWP to undertake the study and establish a working group including academics, policymakers, and technical advisers. LADWP has brought in the National Renewable Energy Laboratory (NREL) to conduct an economic and reliability analysis of options for reaching a 100% renewable energy supply. The 100% renewable energy study is the first of its kind for an electric grid as large and comprehensive as L.A.'s power system.



Photo: Los Angeles Department of Water and Power

L.A. Releases First-Ever Resilience Strategy

L.A. released its first-ever city-wide resilience strategy on March 2, 2018, Resilient Los Angeles, which charts a path towards a safer, more equitable, and prepared city. The strategy identifies actions that address L.A.'s greatest risks and protect the most vulnerable people, places, and systems, focusing on five primary themes: Leadership and Engagement; Disaster Preparedness and Recovery; Economic Security; Climate Adaptation; and Infrastructure Modernization. To prepare the city for the effects of climate change, the strategy highlights climate adaptation actions. Along with the release of Resilient Los Angeles, Mayor Garcetti also signed a historic executive directive that commits City departments to appoint Chief Resilience Officers who will take the lead in making L.A. stronger and safer. Meanwhile, the City is already beginning to manage some effects of climate change, particularly rising temperatures, through



Photo: Bureau of Street Services

installation of cool pavement and cool roofs. The City has installed over 140,000 square feet of cool pavement and over 39 million square feet of cool roofs to combat urban heat.

Exide Cleanup Continues to Move Forward

By marshalling city departments, the Mayor’s Office is working to ensure that residential cleanup occurs as efficiently and effectively as possible. This includes engaging the Department of Transportation, Bureau of Sanitation, and Bureau of Street Services to provide the California Department of Toxic Substances Control (DTSC) with a traffic management plan that coordinates waste haul routes and lifts street parking restrictions in neighborhoods on cleanup days. In May 2017, City Council introduced a motion to ensure that the Departments of Building and Safety and City Planning report to Council with recommendations to ensure that relevant information and guidance about dust suppression and worker safety is provided to applicants for construction and demolition activities in areas of the City within the 1.7 mile radius of concern



Photo: Mayor’s Office

from the Exide Technologies facility. The City is also working closely with the Department of Water and Power to leverage their landscaping rebate for Boyle Heights residents to have additional landscaping options when their properties are remediated.

L.A. and Paris Sign MOU on Olympic Cooperation

In October 2017, following the historic, simultaneous awarding of the 2024 and 2028 Olympic and Paralympic Games to Paris and Los Angeles, respectively, Mayor Eric Garcetti and Mayor Anne Hidalgo signed a Memorandum of Understanding (MOU) on coordination and collaboration, particularly in three key areas – sustainability, inclusion, and innovation. Paris and L.A. committed that the 2024 and 2028 Games will offer exemplary and innovative approaches to energy and water efficiency, greenhouse gas emissions reduction, and climate resilience, while creating new opportunities for residents and visitors and saving taxpayer dollars.



Photo: Sarah Bastin/ C40 Cities

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Community Partners

Watts Rising Collaborative / T.R.U.S.T South LA / Watts Community Leadership Council / Michaels Development Company / Green Commuter / Restore Neighborhoods Los Angeles / Grant Housing and Economic Development Corporation / From Lot to Spot / Los Angeles Unified School District / TreePeople / LACI / Matt Petersen / Bridge Housing Corporation / Watts Labor Community Action Committee / North East Trees / C40 / Heal the Bay / The River Project / TreePeople / Omelet / Mayor’s Fund of Los Angeles / UCLA / Los Angeles Waterkeeper / Building Owners and Managers Association of Greater LA / SEIU / USWW / Kilroy Realty Corporation / Climate Resolve / Enterprise Community Partners / Los Angeles County Metropolitan Transportation Authority (Metro) / MetroLink / Earthjustice / IBEW 11 / GRID Alternatives Greater Los Angeles / Renovate America / U.S. Department of Energy / Trust for Public Land / LA Food Policy Council / Leadership for Urban Renewal Network (LURN) / Clean Up Green Up Coalition / American Lung Association / Liberty Hill Foundation / Communities for a Better Environment / Pacoima Beautiful / Union de Vecinos / The Sierra Club / Los Angeles Alliance for a New Economy / Repower LA / SCOPE / People for Parks / National Parks Service / U.S. Forest Service / City Plants / Western National Parks Association / NRDC / Environment Now / LAUSD / L.A. Better Buildings Challenge / Watts Re:Imagined / TruGreen Capital / PermaCity / Black Rock / U.S. Green Building Council / Cal State Los Angeles / Environment California Research and Policy Center / Neighborhood Council Sustainability Alliance / USC Sustainability / L.A. SHARES / Los Angeles Memorial Coliseum / Skid Row Housing Trust / USGBC-LA / Healthy Neighborhood Market Network / Strategic Growth Council / Los Angeles County / California Community Foundation / Weingart Foundation / S.D. Bechtel Jr. Foundation / California Endowment / L.A. County Bicycle Coalition / Chiat\Day / USDN

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