

L.A.'s Green New Deal

ANNUAL REPORT

2021-2022



ENVIRONMENT
ECONOMY
EQUITY



L.A.'s Green New Deal

Annual Report 2021-2022



ENVIRONMENT . ECONOMY . EQUITY



Table of Contents

Letter from Mayor Eric Garcetti	4
Letter from Chief Sustainability Officer Lauren Faber O'Connor	6
Garcetti Administration Timeline	8
Annual Report at a Glance	10
Where LA is Leading	14
L.A.'s Greenhouse Gas Emissions Inventory	16
A Just and Equitable Transformation for Our City	20
Leading the Way to 100% Clean Energy	22
Securing Our Water Through Innovation and Conservation	24
Clean Air and Mobility Access	26
Clean and Healthy Buildings for All	28
Building a Resilient and Healthy L.A.	30
Acknowledgements	33

Letter from Mayor Eric Garcetti

When I took office in 2013, California was in the midst of a record-breaking drought. The Intergovernmental Panel on Climate Change reported the unequivocal warming of our planet, the impacts of which we've since felt in years of devastating wildfires and drought across the state. At the time, it was clear Los Angeles needed a fundamental transformation of our infrastructure, institutions, and investments to ensure we don't just endure, but thrive.

In 2015, I released the City's first Sustainable City pLAn accompanied by Executive Directive 7, which institutionalized sustainability within City government by establishing Chief Sustainability Officers in 18 key departments. Annual reviews with my General Managers included reporting on pLAn milestones and sustainability projects were prioritized in the City budget process. All of this continues today with sustainability imbued in all our work and driving many of our most groundbreaking projects.

Recognizing the need for collaboration at the national level, I co-founded Climate Mayors in 2014 to build bipartisan, peer-to-peer cooperation on climate action. When the Trump administration announced the U.S. withdrawal from the Paris Climate Agreement in 2017, I made sure the voices of Climate Mayors were heard around the world saying that *we were still in*. Today 468 Climate Mayors from across the country are committed to meeting the goals of Paris and demonstrating true climate leadership.

From there, L.A.'s Green New Deal was born — a mandate to create not just a more livable city, but a calling to create a more livable world. The plan is based on four key principles:

- A commitment to the Paris Climate Agreement;
- A responsibility to deliver environmental justice and equity through an inclusive economy guided by the communities themselves;
- A duty to ensure that every Angeleno has the ability to join the green economy; and
- A resolve to demonstrate the art of the possible and lead the way.

L.A.'s Green New Deal doubles down on the Sustainable City pLAn with more aggressive goals and accelerated timelines because there's not a moment to lose in this fight. It uses a lens of equity and resilience and has five zeros as its goal: zero carbon grid, zero carbon buildings, zero carbon transportation, zero waste, and zero wasted water. These targets are backed by 445 initiatives that will get us to carbon neutrality by 2050 — and prevent 1,650 premature deaths, save \$16 billion, and create 400,000 green jobs.

This isn't just a vision for the future. It's an action plan we're implementing today, and the results have been nothing short of transformational. For example:

- After committing in 2019 to not repower three in-basin natural gas power plants, we undertook the groundbreaking LA100 study and accelerated by 10 years our 100% clean energy grid goals. We're now building more renewable energy projects than any other city in the U.S. and helped bring online the largest renewable energy plant in the country.
- At the Port of Los Angeles — the busiest in the Western Hemisphere — we are transitioning to zero emission trucks through the implementation of the first-ever Clean Truck Fund Rate. We also won the \$25 million Electrify America Green City award for zero emission vehicles infrastructure in the area, which will significantly improve air quality in the surrounding environmentally burdened communities.

- In 2019, I established L.A.'s first Mayor's Youth Council for Climate Action to ensure the next generation has a say in shaping the city they will inherit, and in 2021, I established the first ever Climate Emergency Mobilization Office to amplify the voices of underserved communities.
- Since the beginning of my administration, our investments in water conservation, reuse, and stormwater capture have reduced our water imports 54% and increased our resilience during droughts that have become more frequent and intense.
- By leaning into renewable energy sources and energy efficiency measures and ensuring low-income customers in particular benefitted, Angelenos have saved \$1.8 billion in energy costs since 2013 and greenhouse gas emissions from buildings have declined 35%.

Our city is changing in ways that previously seemed unimaginable, but the impact of our work goes well beyond L.A.

As Chair of C40, a network of the world's megacities representing a quarter of the world's economy, I led the way in establishing a Global Green New Deal that links the goals of ecological and economic restoration and asserts we can only solve the climate crisis by advancing racial and economic justice. Cities from Paris to Rio de Janeiro to Tokyo joined in support and helped propel our work in the lead up to the United Nations Climate Change Conference (COP26).

In November 2021, I stood before world leaders at COP26 and announced that 1,049 cities had committed to the Cities Race to Zero — a pledge to reach net zero emissions by 2050 and cut their fair share of global emissions in half by 2030. This represented the largest commitment outside of the national commitments at the Conference and is the equivalent of reducing global carbon emissions between the 4th and 5th highest emitting countries in the world.

These past eight years of work through L.A.'s Sustainable City pLAN and L.A.'s Green New Deal have shown the impacts of our ambition — from reducing our greenhouse gas emissions by 36% to becoming the #1 solar city in America and installing more commercial EV chargers than anywhere else in America. L.A. is leading the way and the power of our work can be seen in the coalitions we build here at home and across the globe. This is our greatest calling and we will continue to rise together to meet the challenge.

Sincerely,



Mayor Eric Garcetti



Letter from Chief Sustainability Officer Lauren Faber O'Connor

This Administration has never shied away from taking on the toughest challenges required to meet the magnitude of the climate crisis. Throughout Mayor Garcetti's term, Angelenos have faced all too many climate disasters, from record drought to wildfire, extreme heat, and degraded air. Angelenos not only understand the dangers posed by climate change, but we also recognize that climate change impacts people unfairly and exacerbates structural racism and environmental injustice. This awareness has helped us push the boundaries and challenge ourselves to do more.

When we set out to study our path to 100% Renewable Energy with the groundbreaking LA100 study, we found our answers and without hesitation accelerated our path by ten years. When we slowed streets down to make them accessible to walkers, rollers, and strollers during the worst of the pandemic, we saw the health and community benefits, and now we are making these Slow Streets permanent. And when we committed to transitioning polluting heavy-duty trucks at the Port to zero emission, we established the nation's first-of-its-kind dedicated fund to support this effort.

The Mayor's office doesn't work in silos. We reach out to local partners — the experts in their communities — to inform and guide our work:

- The Comprehensive Affordable Multifamily Retrofit program at LADWP, a new \$75 million low-income building decarbonization program, was designed from a multiyear engagement process with energy and housing justice leaders.
- Our commitment to phasing out oil drilling in the city goes beyond writing new laws. We've also teamed up with the County to establish a Just Transition Task Force made up of labor, frontline communities, and workforce experts to ensure workers will have a next step.
- Through a Sustainable Transportation Equity Program grant, we brought in \$13.8 million to introduce new shared mobility options to South L.A., such as an e-bike lending library, an on-demand community shuttle, and expanded fare payment subsidies, all to be guided by a local resident advisory committee.
- We heard from Angelenos about the importance of urban agriculture and composting as we support a more circular, less wasteful economy, and assembled a panel of experts to help us develop the City's first ever Healthy Soils Strategy. This strategy, developed by academic and local community leaders, will support green job creation, greenhouse gas reduction, and the development of a more resilient local food supply, particularly in vulnerable communities.

Our focus on raising up community voices and priorities kicked into high gear with the 2022 launch of the Climate Equity LA series by the Climate Emergency Mobilization Office. The Climate Equity LA series is forging new, more inclusive governance models in which community and policy experts come together to identify specific needs and opportunities for holistic climate action. These engagements feed directly into policy design to deliver positive change to benefit Angelenos and the climate, because L.A.'s Green New Deal is rooted in transformational change from the ground up.

Sincerely,



Lauren Faber O'Connor
Chief Sustainability Officer





Photo credit: L.A. Mayor's Office

Garcetti Administration Timeline

2013

Began term as
42nd Mayor of Los
Angeles

Established
L.A.'s first ever
Sustainability Office



2014

Established Climate
Mayors with Mayors
Parker (Houston)
and Nutter
(Philadelphia) after
serving together
on President
Obama's Task
Force on Climate
Preparedness and
Resilience

Released Executive
Directive 5 to
address L.A.'s
historic drought

Elected to serve
as a Vice-Chair of
C40 Cities Climate
Leadership Group

Pioneered the use
of shade balls to
effectively preserve
water quality and
supply in local
reservoirs



2015

Released L.A.'s first
ever Sustainable
City pLAn;
Executive Directive
7 establishes
accountability
framework



Hosted the US-
China Climate
Leaders Summit, a
critical precursor
to the Paris Climate
Agreement

Launched the Save
the Drop Campaign
to help Angelenos
conserve water
during a historic
drought



2016

Led the coalition
that passed Measure
M, which created or
expanded 15 rapid
transit lines



Led the coalition
to pass Proposition
HHH, a bond
measure to triple
L.A.'s annual
production of
supportive housing

Created one of
the first and most
comprehensive
energy and water
benchmarking
laws, known as the
Existing Buildings
Energy and Water
Efficiency Program

Convened Aliso
Canyon gas blowout
roundtable with
Department of
Energy Secretary
Moniz to discuss
the pursuit of 100%
renewable energy
for L.A.

2017

Mobilized Climate
Mayors in reaction
to President Trump's
announcement
that the US would
withdraw from
the Paris Climate
Agreement;
membership grows
seven-fold



Launched BlueLA,
the first ever
electric vehicle
car-sharing program
designed to serve
disadvantaged
communities

Signed a joint
declaration with
Mayor Garcia (Long
Beach) on Zero
Emissions Ports
establishing goals
for zero emission
drayage trucks and
cargo handling
equipment

Introduced Twenty-
eight by '28 effort
to complete 28
transportation
infrastructure
projects before the
start of the 2028
Summer Olympic
and Paralympic
Games



2018

Hosted a Clean Transportation Forum with Mayor Hidalgo (Paris) and launched the Climate Mayors EV Purchasing Collaborative



Released L.A.'s first Resilience Strategy, preparing L.A. for adverse events and a changing environment



Released a first in the nation biodiversity report using an internationally recognized global standard

Helped lead a coalition to pass Measure W, The Safe Clean Water Act

2019

Committed to the beginning of the end of natural gas in the city, with the plan to retire in-basin natural gas power generating units

Announced plans to recycle 100% of L.A.'s wastewater by 2035

Released L.A.'s Green New Deal, one of the world's first city sustainability plans compatible with the goals of the Paris Climate Agreement



Established L.A.'s first Mayor's Youth Council for Climate Action

Hired the first L.A. City Forest Officer

Elected Chair of C40 Cities Climate Leadership Group

2020

Released ED 25, L.A.'s Green New Deal: Leading by Example, codifying or accelerating many of the goals laid out in the Green New Deal

Launched the C40 Global Mayors COVID-19 Recovery Task Force

Started the C40 Global Youth and Mayors Forum on Climate Change



Launched the C40 Green Ports Forum

Launched Cities Race to Zero campaign to mobilize 1,000 cities for COP26

2021

City was awarded \$25 million from the Electrify America Green City program for zero emissions vehicle infrastructure



Created the first-in-the-nation Climate Emergency Mobilization Office

Declared a moratorium on new oil drilling in L.A.

Released LA100 and committed to a 10-year acceleration to a zero-carbon grid for L.A.

Electrified the G line, Metro's most heavily used route

Addressed world leaders at COP26 World Leaders Summit to announce 1,041 cities joined Cities Race to Zero



Annual Report at a Glance

Below includes all of the outcomes due to be completed by the end of 2021.
Sixty percent of the 97 outcomes are on track, have been achieved, or have exceeded the goal.

Progress Key (The icons show the progress being made toward each milestone)

-  Making progress toward milestone
-  Milestone achieved
-  On track to achieve milestone by target date
-  Milestone exceeded/Achieved early






Environmental Justice

Short-term Milestones









Progress

Dramatically reduce exposure to health-harming pollutants in our most disadvantaged communities by 2025	
Invest in housing, services, and infrastructure upgrades that will improve the quality of life for sensitive populations including children, the homeless, and elders by 2025	
Implement cost-saving programs to alleviate financial burdens in our most vulnerable communities by 2025	
Improve access to community programs in low-income areas by 2025	
Deploy air quality tracking in high scoring CalEnviroScreen neighborhoods by 2021	
Create an annual oil well and facilities compliance inspection program, prioritizing communities in closest proximity to facilities by 2021	
Increase the percentage of zero emission vehicles in the city to 25% by 2025; 80% by 2035; and 100% by 2050	






Renewable Energy

Release 100% Renewable Energy Plan by 2020	
Expand Feed-in-Tariff (FiT), community solar, and increase cumulative MW of local solar to 500 MW by 2021	
Increase cumulative MW of energy storage to 1,428-1,524 MW by 2021	
Launch residential thermostat demand response (DR) program, and increase cumulative MW of DR to 96 MW by 2021	
Invest \$8 billion to upgrade power system infrastructure and ensure power system reliability by 2022	

Local Water

Ensure that \$80 million annually from Measure W supports multi-benefit projects that improve water quality by 2020	
Increase stormwater capture to 75,000 AFY by 2021	
Complete Programmatic environmental impact report (EIR) by 2022 for 100% water recycling by 2035 plan*	
Replace 108 miles of water mainlines by 2021	
Produce 1.5 millions of gallons per day (MGD) of recycled water at Hyperion Water Reclamation Plant (WRP) for use at LAWA and other local facilities by 2021	
Establish guidelines for incorporation of green infrastructure into street and sidewalk repair projects by 2021	
Expand existing programs and develop targeted campaigns to increase awareness on L.A.'s water policy goals by 2021	
Establish permanent drinking water access in Skid Row by 2021	





Clean & Healthy Buildings

Use energy efficiency to deliver 15% of L.A.'s projected electricity needs by 2020	
Design and implement policies to decarbonize new buildings by 2021	
Design and implement policies to decarbonize existing buildings by 2021	
Invest \$100 million in energy efficiency programs to renters and affordable housing customers by 2021	
Achieve and maintain +85% compliance with Existing Building Energy & Water Efficiency (EBEWE) program by 2021	

Annual Report at a Glance

	Short-term Milestones	Progress
Housing & Development	Complete Transit Neighborhood Plans underway for Purple Line Extension and Orange Line by 2020	→
	Implement the Mayor's A Bridge Home program by building at least 1,500 beds across the city by 2021	☀
	Build 100,000 new housing units by 2021	☀
	Complete Downtown Community Plan by 2021	→
	Enforce the Rent Stabilization Ordinance and further enhance tenant protections by 2021	☀
	Build 15,000 units of affordable housing by 2021	☀
Mobility & Public Transit	Launch a behavior change campaign to encourage shared, sustainable mobility options*	☀
	Adopt a Mobility First policy by 2021	✓
	Launch a user-friendly, searchable app mapping all curbside designations throughout the city by 2021	→
	Use transportation data to ensure that new transit, app-enabled, and for-hire mobility options are equitably available across the City by 2021	→
	Expand Metro Bike Share to at least three new neighborhoods by 2021	☀
	Ensure all autonomous vehicles used for sharing services are electric by 2021	→
Zero Emission Vehicles	Distribute 1,000 used electric vehicle (EV) rebates, 11,500 Level 2 EV charger rebates, and 75 DC fast charger rebates by 2021	☀
	Develop a zero emission roadmap for LAX by 2021	→
	Develop roadmap for Fossil Fuel Free Zone by 2021; and implement by 2030*	✓
	Electrify LA Metro's G (Orange) and J (Silver) Lines by 2021*	→
	Introduce 155 new electric DASH buses into fleet by 2021	→
	Install 10,000 commercial EV chargers by 2022; and 28,000 by 2028*	☀
Industrial Emissions & Air Quality	Deploy community air quality monitoring networks by 2021	☀
	Expand the city's efforts to improve air quality from industrial sources by 2021	✓
	Create an annual oil well and facilities compliance inspection program by 2021	→
	Support the implementation of refinery and heavy duty industry emission reduction plans by 2021	✓
	Reduce oil production by 40% below 2013 levels by 2021	☀
	Eliminate backlog of leaks within the natural gas supply chain by 2021	→
	Develop an auditing and tracking program for oil and gas wells throughout the City by 2021	→
	Improve tracking for emissions from imported oil and gas by 2021	✓
Waste & Resource	Pass legislation requiring take-out foodware be made with compostable material / Ban expanded polystyrene citywide by 2021	→
	Cut illegal dumping by one-third by 2021	→
	Reduce the number of street grids rated 'unclean' by one-third by 2021	→
	Increase construction and demolition (C&D) waste recycling requirements to at least 80% by 2021	→
	Pilot a sector-specific recycling program by 2021	✓
	Conduct a waste characterization and diversion study every four years with the first one being done by 2021	✓
	Design and implement a zero waste policy for City-sponsored and permitted events by 2021	→
	Launch an educational awareness campaign on source reduction by 2021	→
	Establish food scraps drop-off locations at all city farmers markets by 2021	→
	Launch citywide residential food scraps collection by 2021	→
	Modernize the City's environmentally preferable purchasing policy to include waste reduction strategies by 2021	→
	Pilot an industrial materials exchange program by 2021	→

Annual Report at a Glance

	Short-term Milestones	Progress
 Food Systems	Increase food recovery beyond pre-packaged food at LAX by 2021	✓
	Establish a healthy food cart program and support early-stage good food entrepreneurs by 2021	➔
	Leverage public property for urban agriculture by increasing the number of edible gardens in City parks and public libraries by 50% by 2021	➔
	Double participation in the Urban Agriculture Incentive Zone program by 2021	➔
	Commission a study to strengthen our infrastructure for a more resilient local food system by 2021	✓
	Pilot two healthy soil projects by 2021	✓
 Urban Ecosystems & Resilience	All new roofs must be cool roofs by 2020; and install 13,000 additional cool roofs by 2021	☀
	Plant and maintain at least 90,000 trees citywide by 2021	➔
	Complete citywide tree inventory by 2021; and an Urban Forest Management Plan by 2025	➔
	Create a partnership to develop an 100-acre L.A. River open space by 2021	☀
	Initiate work on L.A. River reaches 6, 7, and 8 by 2021	☀
	Increase access by completing 3 active transportation bridges by 2021	☀
	Complete at least 1 additional mile of LARiverWay bike paths and trails by 2021	➔
	Pilot 6 cool neighborhoods in vulnerable communities by 2021	✓
	Set biodiversity targets and pilot L.A.'s first wildlife corridor by 2021	✓
	Update a citywide Integrated Pest Management plan by 2021	➔
 Prosperity & Green Jobs	Open green career pathways through various programs and partnerships by 2021	✓
	Create 100,000 green jobs by 2025	➔
	Increase the total number of businesses certified and recertified through the Green Business Certification Program to 1,000 by 2025	➔
	Support businesses in the city through a robust range of programs and services focused on the specific needs of businesses by 2025*	➔
 Lead by Example	Install 15 MW of solar at the Port by 2021	☀
	Expand municipal and proprietary buildings retrofits by 2021	➔
	Transition to paperless personnel files by 2021	➔
	Adopt and implement a sustainable technology policy across all City departments by 2021	☀
	Ensure all City facilities are equipped with appropriate recycling, including recycling for machining material and organics collection, by 2021; and proprietary facilities by 2024	➔
	Deploy additional charging stations by 2021	✓
	Lead locally and nationally on EV adoption by 2021	✓
	All vehicle procurement will follow a "zero emission first" policy for City fleets by 2021	✓
	Implement GHG performance standards for material procurement for purchasing by City Departments by 2021	✓
	Create a Climate Emergency Commission that empowers impacted communities in implementation of L.A.'s GND by 2019	✓
	Launch GND engagement campaign by 2020	✓
	Develop and implement sustainability training for on-boarding all new City employees by 2020; and current employees by 2021	➔
	Convene 10 citywide forums through the Department of Neighborhood Empowerment, inviting participation from 96 Neighborhood Councils on critical sustainability issues by 2021	✓

*This milestone has been modified. Please see the corresponding chapter in L.A.'s Green New Deal for more details.



Photo credit: L.A. Mayor's Office

Where L.A. is Leading



Environmental Justice

- First in the nation Climate Emergency Mobilization Office.
- Nation's first all-electric carshare program designed to serve low-income residents, which has provided over 63,000 trips with over 1.3 million miles driven.
- Investing \$150 million into two LADWP programs targeting low-income multifamily energy efficiency and building electrification, including free upgrades for renters.
- Awarded a \$32.25 million investment in Watts and \$23 million in Pacoima-Sun Valley through California's Transformative Climate Communities program.



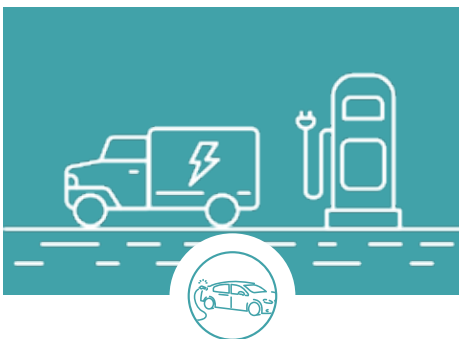
Renewable Energy

- #1 solar city 8 out of the last 9 years.
- First electric grid in America on a path to zero carbon by 2035, with a focus on equitable implementation.
- Set national standard for expedited online permitting for residential solar.
- Building more renewable energy projects than any city in the country.
- Largest solar Feed-in-Tariff program in America.



Local Water

- One of the most water efficient big cities per capita in the world.
- Transforming the Hyperion Water Reclamation Plant into one of the largest water recycling plants in the world.
- Instituted some of the most stringent water efficiency building codes in the nation.
- Distributed \$247 million to residents and businesses for water efficiency measures.



Zero Emission Vehicles

- Most commercial EV chargers of any U.S. city.
- Led L.A. Department of Transportation and L.A. Metro to commit to 100% zero emission bus fleets by 2028 & 2030.
- Placed an order of 155 electric buses, the nation's largest single order.
- Pioneered the deployment of charging stations on city street lights, with over 430 currently installed.



Industrial Emissions & Air Quality

- 43% drop in oil production since 2013.
- Partnering with communities, schools, and libraries to expand local air quality monitoring.
- Leading in 100% zero emission goods movement by 2035, with over 60 pieces of zero emission equipment (trucks, top handlers, yard tractors, harbor craft) in use or on order at the Port of L.A.
- Signed a plan for a citywide phase-out of all oil and gas drilling.



Waste & Resource Recovery

- First city in the nation to pilot recycled plastic asphalt on a major city street.
- Banned the sale of single-use plastic water bottles at the L.A. Convention Center and phasing them out at the Los Angeles International Airport by June 2023.
- Increased recycling 14 fold through recycLA, L.A.'s first citywide recycling service for all businesses, institutions, and large multifamily buildings.
- One of the highest recycling rates of big cities in the U.S.



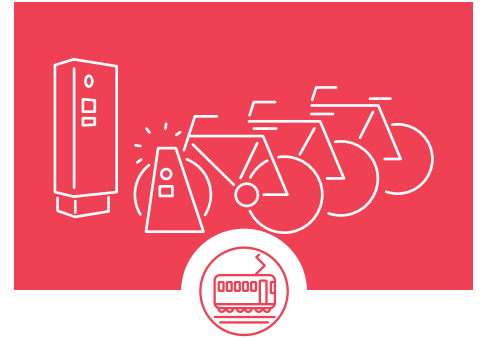
Clean & Healthy Buildings

- Ranked #1 Energy Star City in 2021 for the 9th year.
- The City's energy efficiency investments have cut customer bills by \$1.8 billion and saved enough energy to power 1.5 million homes for a year.
- First city to adopt the Buy Clean CA Act for low-carbon construction.



Housing & Development

- Built the largest Emergency Rental Assistance Program in the country, delivering \$748M to support 100,000 households impacted by COVID-19.
- Established pre-eviction legal services to vulnerable residents through Stay Housed L.A. eviction defense program.
- Increased annual production of supportive housing units by 600% and will deliver more supportive housing ahead of schedule thanks to Proposition HHH.
- Incentivized 22,000 new housing units near transit through Transit Oriented Communities program.



Mobility and Public Transit

- Led the passage of the nation's largest-in-history public infrastructure program, Measure M, to fund transit projects in the region indefinitely.
- Launched the NextGen Bus Plan to reimagine the region's bus system to create faster, more frequent, reliable, and accessible service.
- Installed over 25 lane miles of bus-only lanes throughout the city.



Food System

- Largest U.S. city to develop a Healthy Soil Strategy that prioritizes composting, urban agriculture, and biodiversity health.
- Recognized by the United Nations Future Policy Award as the first city to adopt a Good Food Purchasing Program.
- First big city to require all city farmers markets to accept EBT.



Urban Ecosystems & Resilience

- First North American city to evaluate and monitor its conservation efforts using a global standard, the Singapore Index on Cities' Biodiversity.
- Largest city to be certified a biodiversity haven by the National Wildlife Federation.
- Pioneer of cool pavement, now replicated in cities across the world.
- Installed 132 million square feet of cool roofs to help mitigate urban heat.



Prosperity & Green Jobs

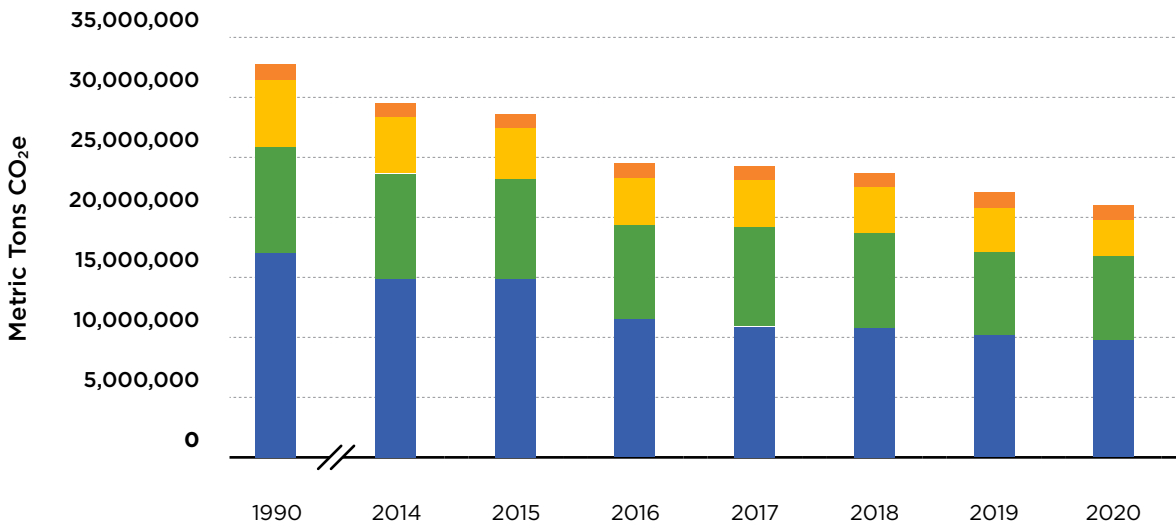
- Provided 913 youth with placement in green job opportunities through Hire LA's Youth program.
- Attracted \$695 million in green investment through the Los Angeles Cleantech Incubator.
- First big city in the U.S. to raise the minimum wage to \$15.

L.A.'s Greenhouse Gas Emissions Inventory

City of L.A. 2020 Community Greenhouse Gas Emissions Inventory¹

As of 2020, L.A. has reduced its community-wide greenhouse gas emissions by 36% compared to its 1990 baseline. This puts us on track for our interim target of a 50% reduction by 2025 and overall goal of carbon neutrality no later than 2050. 2020 experienced a significant reduction in greenhouse gas emissions partially influenced by the COVID-19 pandemic and associated “Safer at Home” order, but predominantly due to the continued decarbonization of the city’s electric grid, which decreased coal generation by 25% from 2019 to 2020. This reduction is mainly reflected in emissions associated with the Buildings sector. Additional analysis can be found in the [City of Los Angeles 2020 Community Greenhouse Gas Inventory report](#).

- Waste
- Transportation
- Industrial
- Buildings

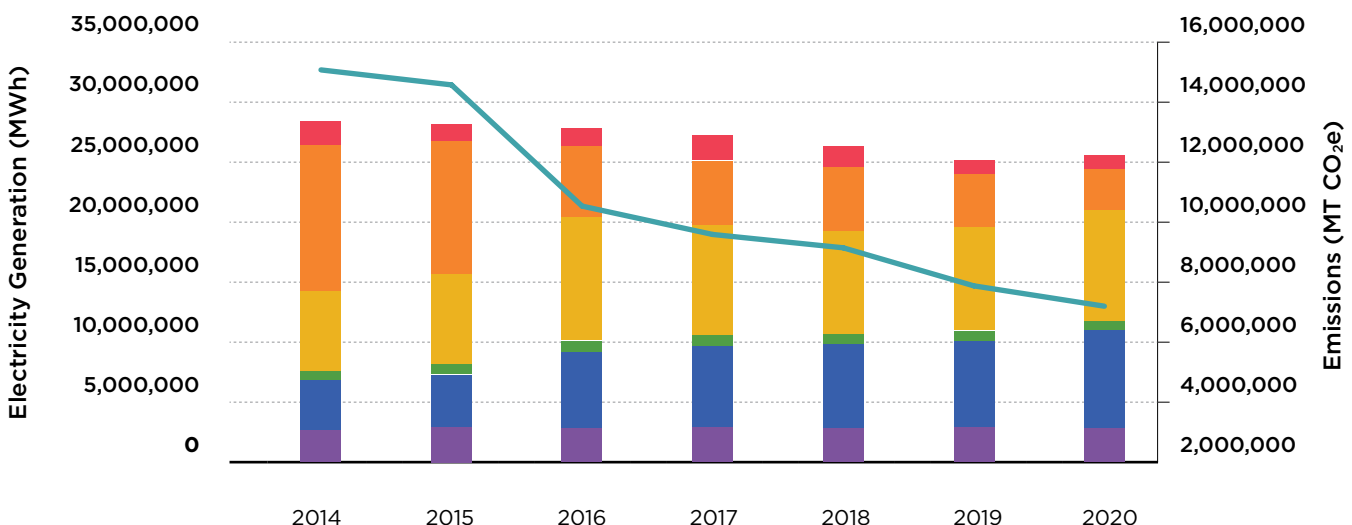


¹ Per Intergovernmental Panel on Climate Change (IPCC) guidance, as inventory methodologies improve, the City regularly revises previous inventories where possible to maintain a consistent time-series. Any modifications from data in previous annual reports are based on these methodological and data improvements (IPCC Guidelines for National Greenhouse Gas Inventories, Volume 1 Chapter 5).

Electricity Generation Portfolio vs Emissions

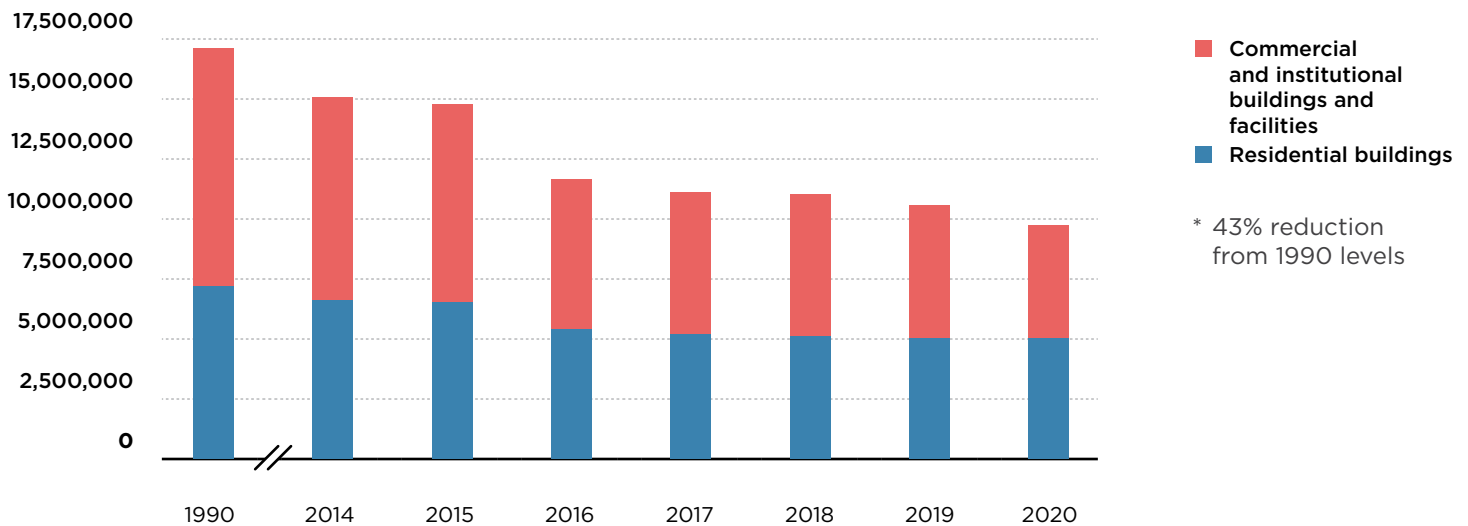
Between 2014 and 2020, the carbon intensity of L.A.’s electricity grid has decreased by 46%, and 59% compared to a 1990 baseline. At 43% renewables today, L.A. is ahead of the state goal to reach 60% renewables by 2030 and 100% carbon free by 2045.

- Unspecified Sources of Power
- Coal
- Natural Gas
- Large Hydroelectric
- Renewable
- Nuclear
- Electricity Generation Emissions (MT CO₂e)

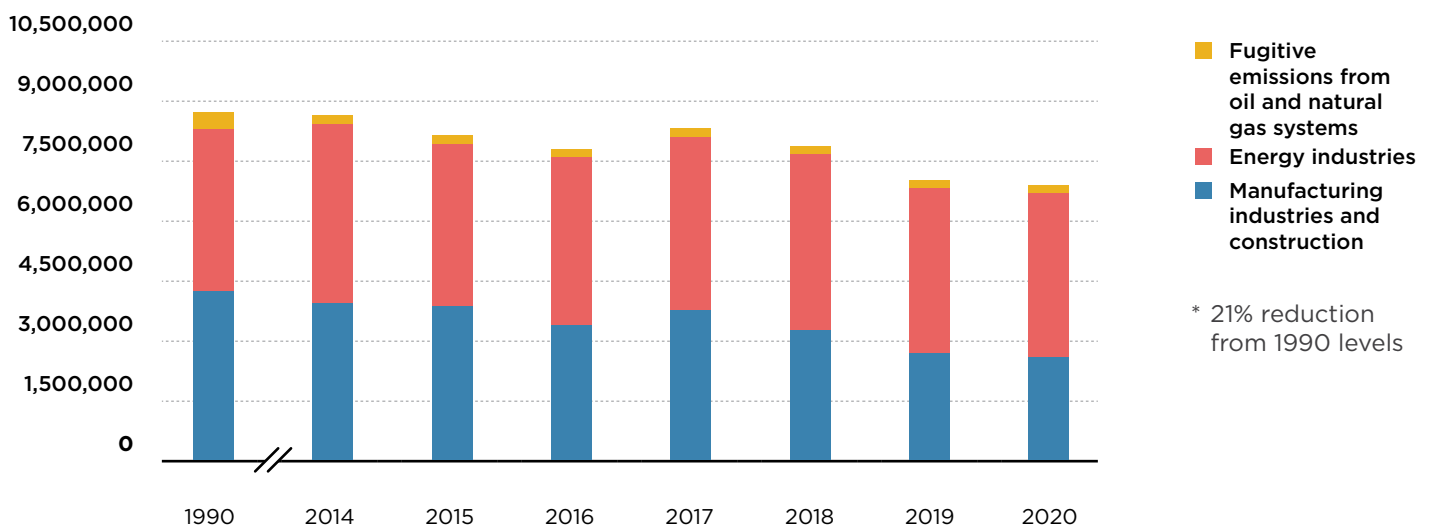


L.A.'s Greenhouse Gas Emissions Inventory

Building Sector Emissions (MT CO₂e)

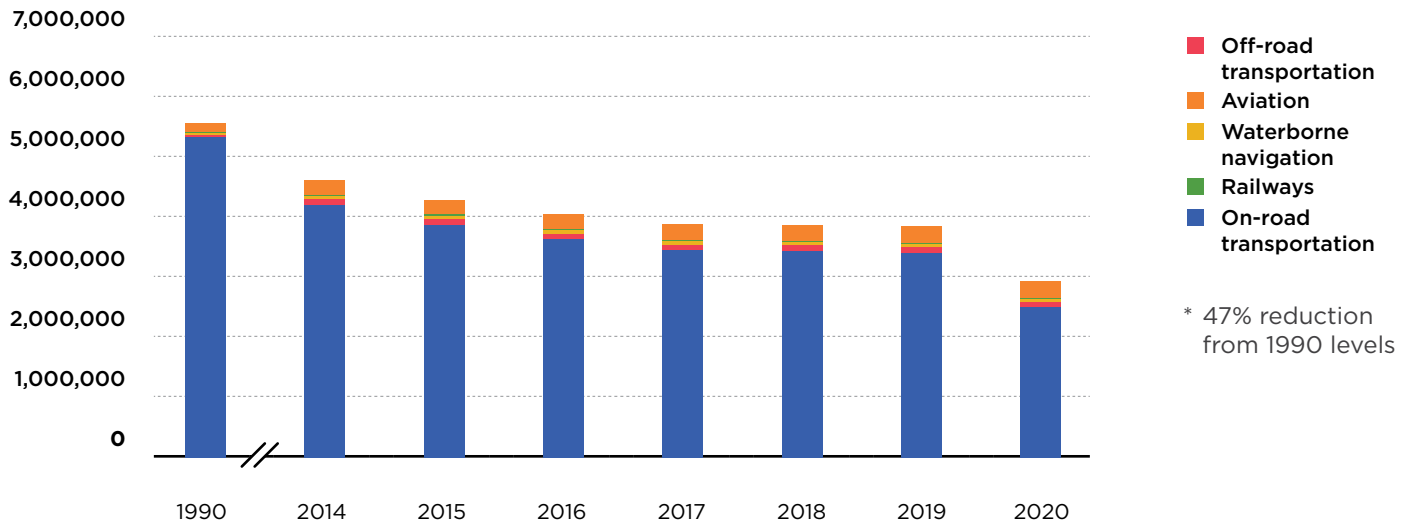


Industrial Sector Emissions (MT CO₂e)



L.A.'s Greenhouse Gas Emissions Inventory

Transportation Sector Emissions (MT CO₂e)



Waste Sector Emissions (MT CO₂e)

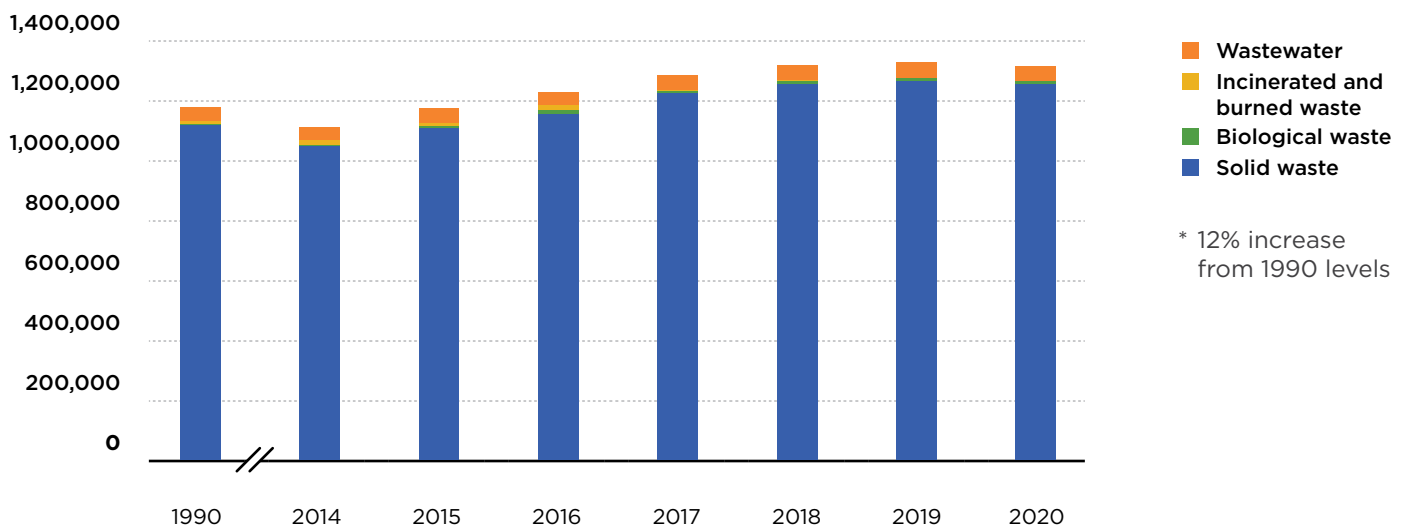
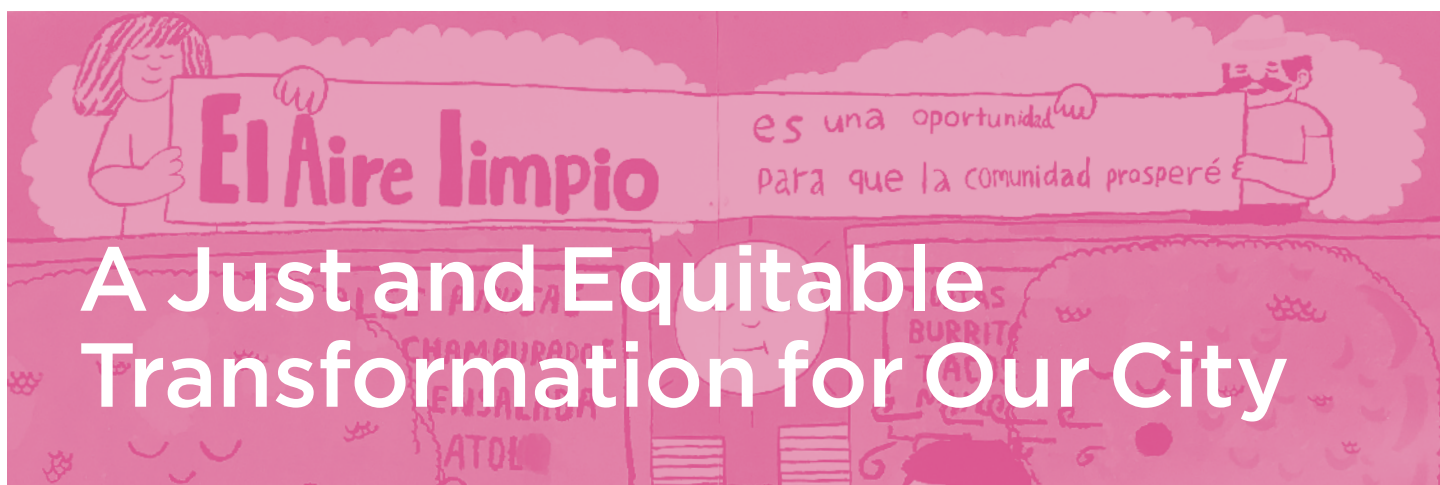




Photo credit: L.A. Mayor's Office



A Just and Equitable Transformation for Our City



U.N. Sustainable Development Goals



Mayor Garcetti has always ensured that every decision on sustainability has our most vulnerable populations first in mind. That's why L.A.'s Green New Deal calls for a clean energy agenda that empowers community leaders, targets air pollution, and delivers results that residents can feel in their daily lives.

L.A.'s Transformative Climate Communities projects are an indispensable part of Los Angeles' community-focused approach to addressing the climate crisis. The Green Together Coalition and the Watts Rising Collaborative are investing a combined \$56 million in workforce development, affordable housing, green spaces, tree planting, clean mobility, and other community growth initiatives in the northeast San Fernando Valley and South L.A. These investments have created a model for future community-driven projects to follow.

"The Green Together Collaborative, responsible for the Transformative Climate Communities projects in Pacoima and Sun Valley, has welcomed the partnerships with city agencies to expand and augment the benefits of our projects in the community. Our community will be able to experience and see improvements in a few years, from more tree-lined streets, to new walking paths at a local park, to public transportation that will reduce greenhouse gas emissions. These are benefits they'll get to enjoy and take advantage of in a short time. Many times communities like Pacoima get wait-listed for decades or don't see any improvements at all, but now we won't just say, 'this will happen in your lifetime,' we can say this will happen in the next few years."

– Dora Frietze-Armenta, Lead Project Planner
Pacoima Beautiful

To better connect environmental justice groups to the decisions made at City Hall, Los Angeles established the nation's first-ever Climate Emergency Mobilization Office (CEMO), a collaboration across the Mayor's Office, the City Council, and local community groups. The CEMO also works in partnership with the Climate Emergency Commission, a 19-member body composed of community and indigenous leaders, climate and air quality experts, labor and small business leaders, and youth representatives to ensure a diversity of voices are heard.

"We appreciate the leadership and partnership of the Mayor's Office in championing innovative and equitable solutions to the health, climate, and environmental justice threats our communities face. The establishment of the



Photo credit: Billie Jean Londono

first-in-the-nation Climate Emergency Mobilization Office is a lasting legacy that will center frontline, indigenous and vulnerable communities in policy design, and will ensure that the benefits of a just transition will be shared by all.”

– *Martha Dina Argüello, Executive Director
Physicians for Social Responsibility - Los Angeles*

Recognizing the impact that land use policy has on the health of our neighborhoods, the City established a groundbreaking environmental justice strategy called Clean Up Green Up. “Green zones,” designated in Boyle Heights, Pacoima-Sun Valley, and Wilmington, are designed to streamline environmental compliance of local business, revitalize neighborhoods, and protect community health. To further understand the impact of air quality and empower community action, the City has also installed 28 air quality monitors across L.A.’s most polluted neighborhoods, including in two green zone communities.

Mayor Garcetti has made inclusive climate action and coalition building a priority of L.A.’s Green New Deal, and brought that work to his leadership of the C40 Cities Climate Leadership Group through a Global Green New Deal. Among its many initiatives, the Global Green New Deal launched a Global Youth and Mayors Forum to elevate the role of youth voices in C40’s agenda. In addition, as a member of C40’s workforce-focused pilot program, Los Angeles is partnering with L.A. County on a task force designed to give labor, community leaders, industry, and academic and workforce training experts the opportunity to develop recommendations for a just transition plan for displaced workers from the phase out of local oil drilling.

“This year, the City of LA answered the call to action by frontline communities who have long needed an end to the hazardous practice of neighborhood oil drilling near their homes. We will continue to work together with the City to find an equitable path for workers and communities to build more resilient neighborhoods in Los Angeles.”

– *Darryl Molina Sarmiento, Executive Director
Communities for a Better Environment*

Historic change is possible when we lift up the voices of those most directly impacted by the climate crisis. By listening to and empowering community advocates, we can deliver a more fair, just, and equitable future for all Angelenos.



Photo Credit: Housing Authority of the City of Los Angeles



Photo Credit: C40 Cities Climate Leadership Group

Leading the Way to 100% Clean Energy



U.N. Sustainable Development Goals



From the City's planned phaseout of coal and natural gas to a first-of-its-kind energy equity initiative and local solar programs, the transition to a zero carbon grid is foundational to Los Angeles' climate leadership.

Under Mayor Garcetti's leadership, the city has come a long way. In 2013, the city was powered by 40% coal and 20% renewable energy – and today, those numbers have been flipped to 16% coal and 43% renewables. This incredible progress is a product of a decades-long commitment to climate stewardship, including decisions that will allow the city to be completely coal-free by transitioning its last coal plant into a hydrogen-powered facility by 2025; a determination to not repower three in-basin natural gas plants; the commission of LA100, the most comprehensive, globally-recognized study of an electric grid as complicated as L.A.'s, which proved that a 100% renewable energy grid is achievable, affordable, and reliable; and unprecedented progress on new renewable energy projects, including the Eland Solar and Storage Center – the largest solar and battery energy storage system in the United States – and the Red Cloud Wind Farm, which is already providing enough clean energy to power 222,300 homes in Los Angeles.

Emboldened by this progress and the guidance of our LA100 study, Mayor Garcetti and City Council committed to reaching a 100% zero carbon grid by 2035, a 10-year acceleration of the goals outlined in L.A.'s Green New Deal that prioritizes a transparent, inclusive, and equitable transition. L.A. is well on its way to achieving this goal – as evidenced when Mayor Garcetti announced earlier this year that the city now receives over 60% of its power from clean energy sources.

"Sierra Club is proud to work with Mayor Garcetti on Los Angeles' historic commitment to 100% clean electricity by 2035. We appreciate Mayor Garcetti's leadership and continued collaboration - to co-craft a Los Angeles with healthier and less-polluted communities, stronger and more climate-resilient infrastructure, and new jobs and opportunities in a thriving clean energy economy."

*– Francis Yang, Senior Organizing Representative
Sierra Club's My Generation Campaign*

Recognizing the jobs and health benefits of rooftop solar, Mayor Garcetti made local solar an early priority, helping direct the investment of \$339 million in the Solar Incentive Program, which has completed over 34,543 installations since 2013. L.A. has also been named the #1 solar city in the country eight out of the last nine years.



Photo credit: L.A. Mayor's Office

To encourage more solar installations, the City has also established the country's largest Solar Feed-in-Tariff program and pioneered a streamlined solar permitting process, which created the national standard (SolarAPP+).

"The Los Angeles Business Council has been a proud champion of Mayor Garcetti's ambitious sustainability agenda including his 100% clean energy goals that prioritize the job creation and economic vitality of our region. Our partnership has resulted in nationally recognized programs, such as the country's largest Solar Feed-in Tariff, that incentivize local distributed energy resource deployment, job creation, equity, and public-private partnerships and set us on a healthier and more prosperous future."

– Mary Leslie, President
LABC & LABC Institute

To meet our ambitious goals, the City is partnering with labor leaders, environmental justice leaders, and clean energy innovators. To ensure that the benefits of a green transition are felt in the communities hit hardest by the climate crisis, Mayor Garcetti directed the L.A. Department of Water and Power (LADWP) to work with stakeholders to establish a first-of-its-kind Equity Metrics Data Initiative. LADWP began tracking, measuring, and reporting on how its programs are benefiting customers, particularly low-income residents. In an effort to expand access to solar, LADWP launched community solar and virtual net energy metering programs, opening up solar to renters and low-income residents to offer them bill savings and grid resilience. L.A.'s clean energy transition is about more than saving the planet – it will save lives and support livelihoods for Angelenos in every zip code. A zero carbon grid is expected to save Angelenos \$1.4 billion in health care costs and support tens of thousands of jobs each year, creating a healthier and more prosperous city in the decades to come.

"In partnership with the City's leadership on clean energy, Los Angeles Community College District became an early investor in on-site renewable energy, having built nearly 10 MW of solar photovoltaics across the District. We were able to double down on our clean energy goals - setting a target of 100% carbon-free electricity by 2030 and 100% carbon-free operations by 2040 - with the partnership of the City, and together we are training the next generation of leaders and building a better future for our community."

– Aris Hovasapian, Utility Program Manager
Los Angeles Community College District



Photo credit: L.A. Mayor's Office



Photo credit: L.A. Department of Water and Power

Securing Our Water Through Innovation and Conservation



U.N. Sustainable Development Goals



If you want a window into Los Angeles' history, look to the tap. More than a century ago, the arrival of the aqueduct marked the beginning of a modern L.A. that quickly grew from a dusty pueblo into a sprawling metropolis. Since then, our region has become increasingly vulnerable to extreme natural shocks, including droughts, wildfires, and earthquakes — and as a result, Mayor Garcetti has aggressively charted Los Angeles toward a path of water independence.

To become less dependent on outside sources of water, Mayor Garcetti set the goal of sourcing 70% of our water locally by 2035 through three primary methods: water recycling, groundwater storage, and stormwater capture strategies. To support these efforts, Mayor Garcetti championed the passage of Measure W in 2018 to invest in projects, infrastructure, and programs to capture, treat, and recycle rainwater. To date, L.A. has added to the 82,000 acre feet per year of stormwater capture capacity — enough to supply 55,000 households with clean drinking water — which far exceeds the goals established in L.A.'s Green New Deal. L.A. has also made significant progress in groundwater cleanup in the San Fernando Basin, which will provide drinking water for nearly a million Angelenos when fully remediated.

"Mayor Garcetti's leadership sets Los Angeles on a path towards global leadership on developing local, sustainable, and resilient water supplies. Recognizing the need for a 'new Mulholland moment', his commitment to recycle all of L.A.'s wastewater by 2035; his leadership to help pass the transformative Safe Clean Water Program stormwater funding measure; and his dedication to make Los Angeles a leader on water conservation while also leading cleanup of our contaminated aquifers are not only making L.A. water secure, but also helping reduce pollution to our inland and coastal waters and reducing the region's carbon footprint."

*– Bruce Reznik, Executive Director
LA Waterkeeper*

In 2014, Mayor Garcetti began a three year campaign to cut L.A.'s water consumption by 20%. With the Save the Drop initiative, the emergency drought response Executive Directive 5, and water efficiency incentive programs, L.A. more than achieved this goal – it embraced conservation as a way of life. Angelenos switched to California-friendly landscapes, installed cisterns, rain barrels, and high-efficiency toilets, took shorter showers, and limited landscape watering. To date, the City's investments in customer water savings total \$247 million, with 38% specifically going to customers in disadvantaged communities.



Photo credit: L.A. Mayor's Office

"UCLA is grateful to have the City of Los Angeles as a partner on the path to a sustainable and resilient region. By collaborating with the City, we were able to achieve our 2020 goal for reducing potable water consumption, save millions of gallons of water a year, implement an award winning water reclamation program, and contribute to the development of innovative technologies, policy, and equity-focused research for the benefit of all Angelenos."

– Nurit Katz, Chief Sustainability Officer
UCLA

L.A.'s boldest water initiative yet is an investment of \$8 billion over the next 14 years to purify and reuse 100% of the city's wastewater by 2035. Operation NEXT, a partnership between LADWP and L.A. Department of Sanitation and Environment (LASAN), starts at the Hyperion Wastewater Treatment Plant, which is being transformed into one of the largest water recycling plants in the world. Operation NEXT will produce three times more water than the L.A. Aqueduct, support 44,000 jobs, and define L.A.'s independent water future for generations to come.

Local water is affordable water. While our water goals come at a cost, the long-term price is far less than importing water. And these actions are not just about how Los Angeles responds to a dry year – it's about shaping how we prepare our city for tomorrow, so that Angelenos can count on access to clean water for generations to come.

"Mayor Garcetti's commitment to improving our access to and the safety of our drinking water has resulted in important investments in the future of Los Angeles, including hundreds of new hydration stations throughout the city. WeTap is proud to have been part of this expansion and thankful to the administration for their vision and support."

– Evelyn Wendel, Founding Director
WeTap



Photo credit: Phil Sutphin



Photo credit: L.A. Mayor's Fund

Clean Air and Mobility Access



U.N. Sustainable Development Goals



Emissions from transportation are the leading cause of air pollution in Los Angeles, and L.A.'s Green New Deal charts a course to become a city that accelerates the transition to cleaner vehicles and makes it easier for Angelenos to ride public transit, bike, walk, and use emissions-free vehicles.

In 2016, Angelenos showed their overwhelming support for the transformation of our public transportation system with the approval of a no-sunset sales tax, Measure M, that will provide \$120 billion over 40 years to improve the way Angelenos travel in the region. Several projects have already been fully funded with construction well underway, including the expansion of the Metro Purple Line, which will allow Angelenos to travel from Downtown to the Westside within 25 minutes.

Our bus network is the backbone of our transportation system. Metro and the Los Angeles Department of Transportation (LADOT) have set some of the most ambitious sustainability goals in the nation, including the commitment to a fully zero emission bus fleet by 2030 for Metro and 2028 for LADOT. In response to this bold goal, LADOT placed the largest electric bus order in American history with 155 total buses, and Metro has now ordered 145 electric buses. Metro has also fully electrified one of its bus rapid transit lines, the G Line, with the J Line soon to follow suit.

"Exposure to diesel pollution and smog day-in and day-out has devastating effects on the health of Angelenos, especially low-income communities of color. The Mayor's commitment to a zero-emissions, all-electric future—including LADOT's goal of 100% electric buses by 2028 and L.A. Metro's promise of 100% electric buses by 2030—is absolutely critical to us cleaning the air faster, creating good union jobs, and doing everything in our power to ensure that we have a livable climate for generations to come."

*— Yasmine Agelidis, Associate Attorney
Earthjustice*

L.A. is leading the way with innovative tools to help people go electric when they drive. The City surpassed its 10,000 commercial electric vehicle (EV) chargers goal two years ahead of schedule, and is now home to over 16,800 commercial chargers, including over 430 charging stations that have been mounted on our street lights. To ensure every community has access to zero-emission transportation, we launched BlueLA in 2017, the nation's first all-electric, low-income carshare where 55% of members are low-income and predominantly use the service for essential trips. The program is set to expand from 40 to 100 stations and increase up to 300 EVs.



Photo credit: L.A. Mayor's Office

"The BlueLA program provides low-income residents of L.A. with affordable and sustainable mobility options, and because of the City's meaningful and intentional partnership with community-based organizations like KIWA (Koreatown Immigrant Workers Alliance), residents were also able to directly shape the design and implementation of the program. This ensured that BlueLA was linguistically and culturally accessible, which is essential for ethnically diverse communities like Koreatown."

– *Brady Collins, Policy Analyst*
Koreatown Immigrant Workers Alliance

On Clean Air Day 2021, we established a first-of-its-kind zero-emission delivery zone, a special curb designation for the exclusive use of zero-emission delivery vehicles, now implemented in five locations across the city. The Los Angeles Board of Harbor Commissioners also unanimously approved a new Clean Truck Fund rate, which will bring in \$45 million annually to help eliminate emissions from all heavy-duty trucks serving the Port by 2035.

"The Mayor and his sustainability team are instrumental to the Transportation Electrification Partnership which was created in 2018, reinforcing the firm belief that strong regional collaboration across sectors is key to faster, deeper carbon reductions. Through innovative programs and policies such as electrifying the City fleet, the Port Clean Truck Fee, and first-of-its-kind zero-emission delivery curb designations, the City has proven to be a trailblazer in setting the stage—regionally and nationally—on what an equitable, decarbonized future looks like."

– *Matt Petersen, President & CEO*
LA Cleantech Incubator

Even amid a global pandemic, the City worked to improve mobility in our communities. As L.A. Metro debuted a fareless transit pilot for K-12 and community college students, the City acted to make our streets more accessible to pedestrians through L.A. Al Fresco and Slow Streets, and installed over 60 lane miles of bikeways in just one year.

All of this work is about setting an irreversible course for a zero-emission transportation future in Los Angeles – one that is healthier, more equitable, and more prosperous going forward.



Photo credit: L.A. Department of Transportation



Photo credit: L.A. Mayor's Office

Clean and Healthy Buildings for All



U.N. Sustainable
Development Goals



With nearly 1 million buildings in the City of Los Angeles, it probably comes as no surprise that they account for 46% of the city's greenhouse gas emissions. But buildings aren't just our largest source of pollution – they represent one of our greatest opportunities to turn the tide of the climate crisis and create good-paying jobs for Angelenos.

"In the last four years, we have made progress towards our city's building decarbonization and climate-related goals. We want to make sure as the city keeps moving forward, workers and communities continue to be at the forefront of figuring out how this is going to benefit them."

*– Roxana Tynan, Executive Director
LA Alliance for a New Economy*

Because of significant clean energy and efficiency investments, Angelenos have saved \$1.8 billion in energy costs and enough electricity to power 1.5 million homes for a year. Emissions from buildings have dropped 35% over the course of Mayor Garcetti's term, a feat largely achieved by bolstering L.A. Department of Water and Power's (LADWP) direct installation programs and rebates for renters, homeowners, housing providers, and small and large businesses. Generous rebates have allowed Angelenos to make the switch to cost-saving and energy-efficient appliances.

Over the last decade, LADWP has built out a number of programs to help low-income customers save money and energy. Los Angeles' Comprehensive Affordable Multifamily Retrofit program launched in 2021 as a \$75 million investment in efficiency, electrification, and renewable energy in multifamily buildings with income-qualified renters. This program delivers on climate goals, creates good-paying jobs, and saves money for the tenants who need it the most. LADWP also expanded its direct-install Home Energy Improvement Program, investing an additional \$75 million in free upgrades. Los Angeles delivered \$275 million in utility debt relief for energy and water bills, and the EZ-SAVE program makes it easier for low-income customers to benefit from bill discounts.

"We appreciate Mayor Garcetti and his team's leadership on green buildings during his administration and as his time with us comes to a close we are at a place where equity is at the center of the building decarbonization conversation. While we have no shortage of good work left to do, we have started the process of



Photo credit: L.A. Mayor's Office

reducing embodied carbon in municipal buildings, addressing retrofits in our low income communities, and have maintained our City's important leading role in policy and innovation going forward."

*– Ben Stapleton, Executive Director
U.S. Green Building Council - Los Angeles*

The City is always looking for opportunities to incentivize actions that will improve climate benefits. To help new buildings lower their energy use, Los Angeles launched the Zero by Design program to provide financial incentives to achieve deep carbon reductions in new buildings. And to lead by example, Mayor Garcetti announced that all new municipal buildings will be all-electric and constructed with low-carbon materials, making L.A. the first city to adopt the Buy Clean California Act.

Racking up energy savings has made Los Angeles a globally recognized leader in energy efficiency. In 2021, L.A. was named the #1 Energy Star City in the U.S. with the most sustainable buildings of any U.S. city – the 9th time the City has received that award in the last 13 years.

"Los Angeles is where the future comes to happen. Thanks to our innovative business community, L.A. has been a top ENERGY STAR city since records began keeping track. But an equitable transition to 100% clean energy must include everyone, so I applaud the City's commitment to a process that values the input of all as they develop a building performance standard that will carry us into the next phase of this important work."

*–David Hodgins, Executive Director
LA Better Buildings Challenge*

Forging a path to carbon neutrality requires us to continually raise our ambition on greening our buildings. City departments, Council members, the Mayor's Office, and the Climate Emergency Mobilization Office are now working together to deliver on climate goals and improve health outcomes for Angelenos. In 2022, our entire government is focused on the development of new comprehensive policies to fully decarbonize our buildings. Thanks to the foundation Los Angeles has built, our city is on track to continue to reduce emissions and build cleaner communities, improve public health, and create more inclusive economies.



Photo credit: L.A. Department of Water and Power



Photo credit: L.A. Mayor's Office

Building a Resilient and Healthy L.A.



U.N. Sustainable Development Goals



Cities are on the frontlines of climate change. From record-setting heat waves to historic droughts to unprecedented fires, the impacts of the climate crisis are here on Los Angeles' doorstep. Recognizing this new reality, Mayor Garcetti acted to not just help Angelenos adapt, but lead with solutions to lift up residents bearing the brunt of this crisis – starting with releasing L.A.'s first ever Sustainable City pLAN that integrated climate action with resilience.

This emphasis was carried forward in L.A.'s Green New Deal released in 2019, as well as the city's first resilience strategy, ResilientLA. The results have been nothing short of historic: tens of thousands of new urban trees, 37 new parks, 132 million square feet of cool roofs, 60 miles of cool streets, sustainable and resilient sources of water and power, and a revitalization of L.A.'s river – and these projects have prioritized benefits in communities that have historically borne the burden of climate change impacts and injustice.

"I am grateful for Mayor Garcetti's vision and commitment to the Green New Deal. Angelenos in low-income neighborhoods continue to be disproportionately impacted by the urban heat island effect and lack of green space, but I know together, we can fulfill the promise of the Green New Deal."

*– Cindy Montañez, CEO
TreePeople*

As heat waves have become longer, more frequent, and more intense, Los Angeles has pioneered solutions to bring immediate relief to residents in its hottest communities. Mayor Garcetti has introduced a multifaceted approach to cooling at the neighborhood level, including a first-of-its-kind Cool Roof Ordinance in 2014 to reduce the urban heat island effect. This has led to the installation of over 63,000 cool roofs; the use of cool pavement on city streets, a strategy now being replicated around the world; the planting and maintenance of over 65,000 trees; and the installation of 112 hydration stations placed throughout the city, including five in Skid Row. And in 2019, Mayor Garcetti launched the Cool Neighborhoods L.A. program, which combines this mix of strategies to lower temperatures and add shade in 10 of L.A.'s hottest and most vulnerable communities by 2025.

"The Mayor's Office has worked with the Neighborhood Council Sustainability Alliance to accelerate our transition to clean and renewable energy, help people conserve water, reduce single-use plastics, launch both our Cool Blocks L.A. pilot and the Climate Emergency Mobilization Office, and develop a toolkit for



Photo credit: L.A. Mayor's Office

neighborhood councils to help implement L.A.'s Green New Deal, all of which support climate resilience. Everyone has a part to play in helping us reach our goals, and their efforts have helped us engage people, neighborhoods, and communities across the city."

– *Lisa Hart, Board Member*
Neighborhood Council Sustainability Alliance

Growing and restoring L.A.'s urban forest and natural ecosystem is vital to the health and well-being of its residents. In 2019, Mayor Garcetti named the city's first City Forest Officer to oversee the expansion of L.A.'s urban forest with a focus on neighborhoods with the lowest tree canopy cover. Mayor Garcetti has also worked tirelessly to ensure that the City's approach to building resilience is grounded in equity, an effort that led to the signing of Executive Directive 31, which helps make L.A.'s parks and open spaces more available and equitable. Due to this work, the proportion of residents within a 10-minute walk to a park has dramatically increased, nearly reaching L.A.'s Green New Deal goal four years ahead of schedule.

"Parks are such an important resource for the health and well-being of Los Angeles. The Trust for Public Land is proud to have worked closely with Mayor Garcetti's office and city officials to close the equity gap in access to open space throughout the city. We commend the City for its continued desire for innovative solutions such as joint-use schoolyards as the key to bringing the benefits of the outdoors to all."

– *Robin Mark, Program Director*
Trust for the Public Land

From the streets to the rooftops to the parks, L.A.'s urban landscape is evolving to produce a city full of cool and healthy spaces in the face of additional hotter days to come.



Photo credit: L.A. Mayor's Office



Photo credit: L.A. Mayor's Office



Photo credit: L.A. Mayor's Office

Acknowledgements

L.A.'s Green New Deal Partners and Stakeholders

AEG	American Institute of Architects	American Lung Association
The Better World Group	Bloomberg Philanthropies	Building Decarbonization Coalition
C40	CalSTART	Center for Biological Diversity
CicLAvia	City Plants	The Climate Registry
Climate Resolve	Coalition for Clean Air	Communities for a Better Environment
Community Healing Gardens	Community Health Councils	Earthjustice
East LA Community Corporation	East Yard Communities for Environmental Justice	EcoSet
Electrification Coalition	Energy Efficiency for All/Enterprise Community Partners	Environment California
Environmental Defense Fund	Environmental Media Association	Esperanza Community Corporation
Food & Water Watch	Food Forward	Friends of the LA River
From Lot to Spot	Global Green	Grant Housing and Economic Development Corporation
GRID Alternatives	Grown in LA	Habitat for Humanity
Heal the Bay	International Brotherhood of Electrical Workers	Investing in Place
Kilroy Realty	Kiss the Ground	Koreatown Immigrant Workers Alliance
Koreatown Youth and Community Center	LA 2028	LA Better Buildings Challenge
LA Compost	LA Conservation Corps	LA Business Council
LA Más	LA Neighborhood Land Trust	LA Waterkeeper
LACI	Leadership for Urban Renewal Network	Legacy LA
LEAP-LA	Liberty Hill	Little Tokyo Service Center
Local Initiatives Support Corporation	Los Angeles Alliance for a New Economy	Los Angeles Beautification Team
Los Angeles Business Council	Los Angeles Community College District	Los Angeles Community Garden Council
Los Angeles County Bicycle Coalition	Los Angeles County Chief Sustainability Office	Los Angeles County Metropolitan Transportation Authority
Los Angeles Food Policy Council	Los Angeles Regional Collaborative	Los Angeles Sustainability Executives Roundtable
Los Angeles Trade Tech College	Los Angeles Walks	Mayor's Youth Council for Climate Action
Michaels Development Company	National Renewable Energy Laboratory	The Nature Conservancy
Natural Resources Defense Council	Neighborhood Council Sustainability Alliance	Open Silo
Pacoima Beautiful	RePower LA	The People Concern
People for Mobility Justice	People for Parks	Physicians for Social Responsibility
Raimi + Associates	The River Project	Safe Place for Youth
Sierra Club	Social Justice Learning Institute	South Coast Air Quality Management District
Southeast Asian Community Alliance	Southern California Association of Nonprofit Housing	St. Francis Center
STAND-L.A.	Strategic Concepts in Organizing and Policy Education	Studio-MLA
Sustain LA	Sustainable Economic Enterprises of Los Angeles	T.R.U.S.T. South LA
Theodore Payne Foundation	TreePeople	Trust for Public Land
U.S. Green Building Council-LA	UCLA Institute of the Environment and Sustainability	UCLA Luskin Center for Innovation
UCLA Sustainable LA Grand Challenge	URB-E	USC
Via	Watts Century Latino Organization	WeTap
The Wilderness Society		

Designer

Gensler

This report was prepared with the generous support of the Mayor's Fund for Los Angeles



Photo credit: L.A. Mayor's Office

