



TRANSFORMING LOS ANGELES

ENVIRONMENT | ECONOMY | EQUITY

California Adaptation Forum September 8, 2016



TO ENHANCE THE ECONOMIC
AND SOCIAL RESILIENCE OF
LOS ANGELES, THE CITY OF
LOS ANGELES HAS ADOPTED
THE PLAN. THE PLAN IS A
COMPREHENSIVE STRATEGY
FOR TRANSFORMING LOS
ANGELES INTO A MORE
SUSTAINABLE AND
EQUITY-ORIENTED CITY.
FOR MORE INFORMATION,
VISIT [WWW.PLANLA.ORG](http://www.planla.org)

Eric
Garcetti
#lamayor



WHAT IS THE PLAN?



A roadmap for a Los Angeles that is environmentally healthy, economically prosperous, and equitable in opportunity



An action plan that sets short-term and long-term sustainability goals, strategies, and initiatives for the City

PLAN



by Carlos Chan/LA Dept of Recreation & Parks

ENVIRONMENT

Climate, Resources, Environmental Health



Local Water



Local Solar



Energy-Efficient Buildings



Carbon & Climate Leadership



Waste & Landfills

ECONOMY

Housing, Mobility, Resilience



Housing & Development



Mobility & Transit



Prosperity & Green Jobs



Preparedness & Resiliency

EQUITY

Access, Public Health, Connectivity



Air Quality



Environmental Justice



Urban Ecosystem



Livable Neighborhoods



Lead By Example

PLAN FRAMEWORK



VISION

What LA will be
in 20 years



OUTCOMES

Measurable goals
toward
2017, 2025, 2035



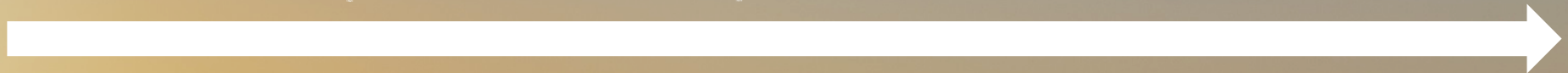
STRATEGIES

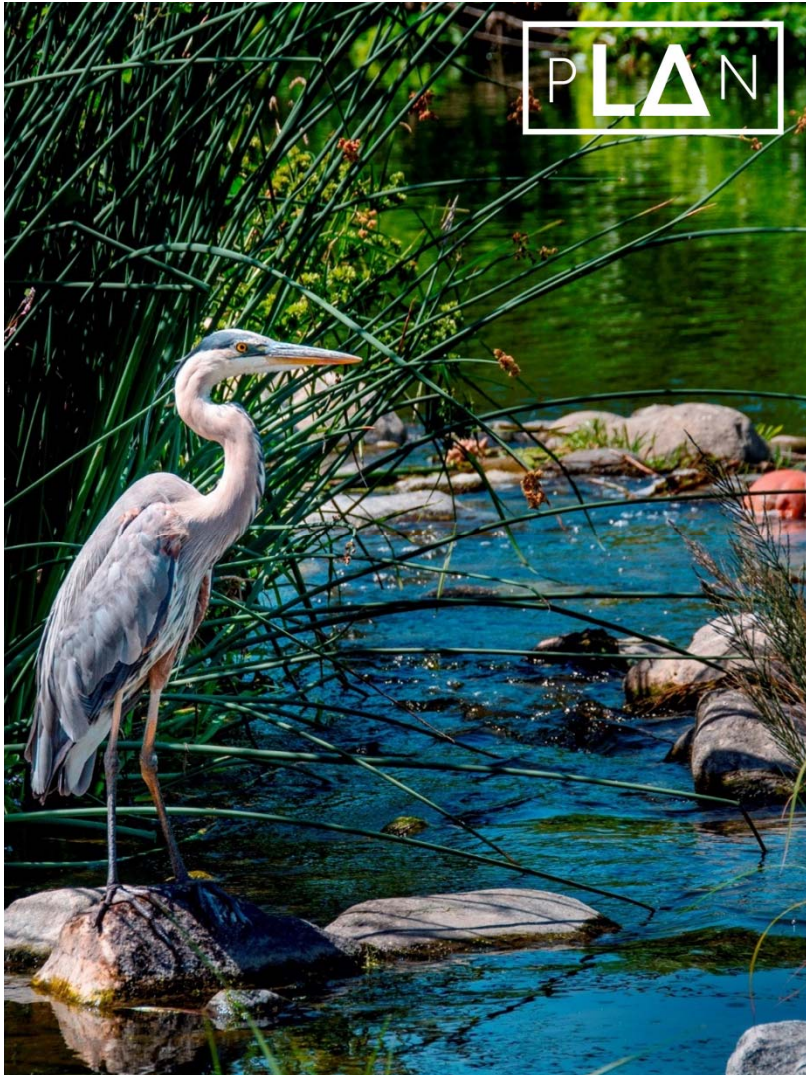
Groups of initiatives
driving toward
outcomes



INITIATIVES

Specific, actionable
initiatives and tools





HOW WILL THE PLAN BE USED

BY THE MAYOR?

GENERAL MANAGER REVIEWS

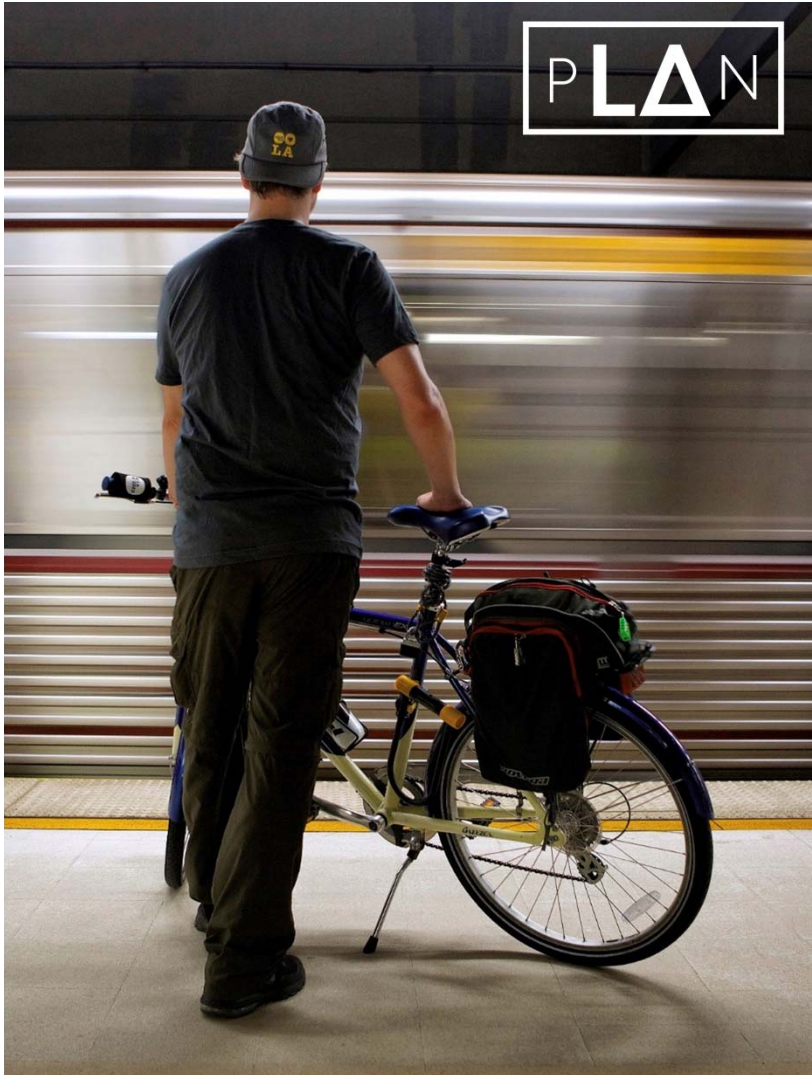
CHIEF SUSTAINABILITY OFFICERS IN KEY DEPTS

REGULAR WRITTEN REPORTS TO THE MAYOR

BUDGET PRIORITY SETTING

METRICS AND OPEN DATA

ANNUAL REPORT



THE PLAN PROVIDES:

- VISION FOR LA'S FUTURE
- SHORT-TERM RESULTS TOWARD LONG-TERM OUTCOMES
- FRAMEWORK TO BUILD OUT POLICIES
- PLATFORM FOR COLLABORATION
- SET OF TOOLS TO HELP MANAGE LA
- PERFORMANCE TRACKING
- PATHWAY FOR ENGAGING OUR RESIDENTS



PREPAREDNESS & RESILIENCY

VISION

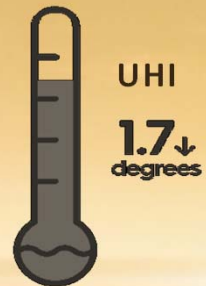
We are prepared for natural disasters, and we decrease our vulnerability to climate change

2017



10,000
COOL ROOFS

2025



UHI
1.7↓
degrees

2035



"RETURN TO
NORMAL"

SIDEWALKS → STREET TREES

80%

of sidewalk damage is due to tree roots

70%

of our street trees are over 50 yrs. old



Street Tree Replacements

will be planted 2:1 and closely integrated with the sidewalk repair program



URBAN ECOSYSTEM

VISION

We all have access to parks and open space,
including a revitalized LA River Watershed

2017



2025

32
miles

2035



Growing our Budget to Grow our Trees

Urban heat island reduction requires various strategies, including cool roofs, cool pavement, and tree planting. City Plants, a public-private partnership between the City of L.A. and non-profit and business groups, was awarded \$3.3 million from the state of California via cap and trade funding. This money is directed toward planting and maintaining over 4,000 trees along streets, open spaces, and in residents' yards, concentrating on some of the most low canopy parts of the City, including Pacoima, Sun Valley, San Fernando, Pico Union, Westlake, South L.A., Vermont corridor, and San Pedro. These trees also help with stormwater capture and urban beautification.



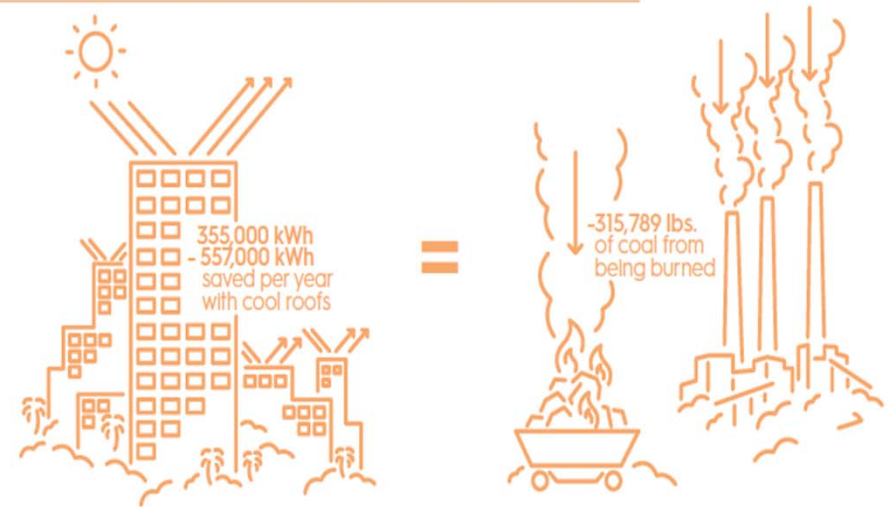
Photo credit: City Plants

"Planting trees not only helps us fight climate change, but also makes us more resilient against its impacts, and beautifies the community at the same time. We have great partners, and together we are working to protect and improve the most vulnerable communities in L.A."

Elizabeth Skrzat, Program Director, City Plants

Helping Make L.A. Cooler

Cool roofs installed since 2015 are saving 355,000 kWh to 557,000 kWh annually, equivalent to saving approximately 315,789 lbs of coal from being burned



COOL PAVEMENT

Bureau of Street Services Pilot:

Results:

- Material is safe for both pedestrian and vehicular traffic and meets on-street wet traction standards
- It wears off gradually in a way that meets the city's standards for longevity of similar coatings
- Stains are more visible on the material than on black asphalt, meaning that some kind of washing or sweeping may be necessary to keep the material in "as new" appearance
- Measurements found the "cool pavement" to be approximately 10 degrees Fahrenheit cooler than the adjacent untreated black asphalt





Photo credit: Habitat for Humanity of Greater Los Angeles

Installing Climate Ready Roofs

Grid Alternatives, Habitat for Humanity of Greater Los Angeles, and Climate Resolve completed its first home in South LA as part of a new collaboration to bring renewable energy and climate resilience to disadvantaged communities in L.A. The partnership installs free solar panels and cool roofs on low-income, single-family homes, and expects to complete another 15-20 homes in 2016.



Photo credit: Bureau of Sanitation

Making Climate Smart Decisions in L.A.

Trust for Public Land is developing a tool to help cities identify priority locations for multi-benefit green infrastructure in underserved communities. Using data layer and GIS modeling, this tool will help cities prioritize investments, such as trees to reduce urban heat island and permeable surfaces to reduce urban flooding, that meet the desired climate and social resiliency outcomes.



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