

GREEN NEW DEAL PLAN

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The Role of Cities

- Urban centers are the first and last line of defense against climate change
- Cities are leading national and global action on climate
- Decisions made now will have generational consequences



What is L.A.'s Green New Deal?

- An expanded vision of the 2015 pLAN
- An action plan that includes accelerated targets and new, aggressive goals
- Paris-compatible plan that accelerates emission reductions and reaches carbon neutrality by 2050
- Holds environmental justice and equity as a cornerstone of the work ensuring all Angelenos can join the green economy
- Demonstrates the art of the possible and leadership on a global scale



Green New Deal Topic Areas



Environmental
Justice



Renewable Energy



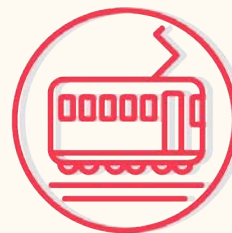
Local Water



Clean & Healthy
Buildings



Housing &
Development



Mobility & Public
Transit



Zero Emission
Vehicles



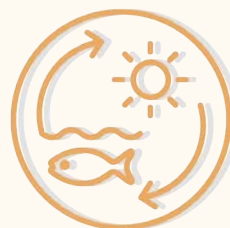
Industrial Emissions &
Air Quality Monitoring



Waste & Resource
Recovery



Food Systems



Urban Ecosystems &
Resilience



Prosperity & Green
Jobs



Lead by Example

L.A.'s 5 Zeros

Emissions must decline everywhere, as soon as possible. L.A.'s GND puts our city on the road to a zero carbon future across the board.



Zero Carbon Grid

*100% carbon free
by 2035**



Zero Carbon Buildings

*100% net-zero carbon
new buildings by 2030
& all buildings by 2050*



Zero Carbon Transportation

*80% zero emission
vehicles in the city by
2035 & 100% by 2050*



Zero Waste

*95% landfill
diversion rate by
2035 & 100% by
2050*

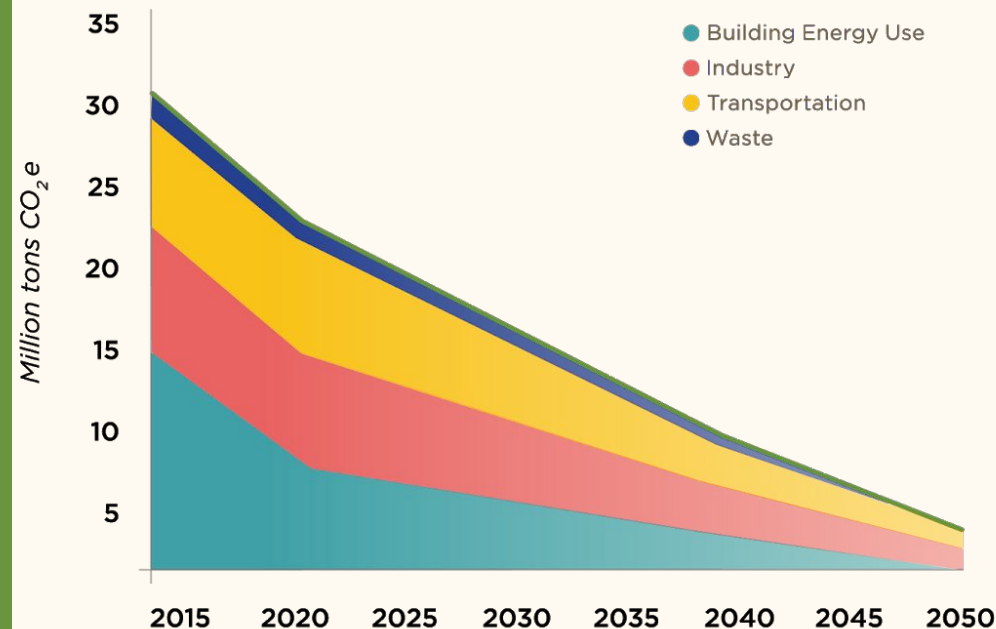


Zero Wasted Water

*100% of our
wastewater recycled
by 2035*

**Announced at the 2021 State of the City Address*

Path to Carbon Neutrality



L.A.'s GND accelerates the city's greenhouse gas emissions reduction targets. Taken together, the actions in L.A.'s GND will:

- Prevent **1,650** premature deaths and **660** respiratory and cardiovascular hospital admissions each year
- Save **\$16 billion** from prevented deaths and hospital admissions each year
- Create **300,000** green jobs by 2035; and **400,000** by 2050

Zero Carbon Grid



Major Projects & Accomplishments:

- Completed LA100 study and accelerated 100% carbon free grid target by 10 years
- More than doubled percentage of grid powered by renewable energy
- Deployed \$338M in solar incentives with 26,811 installations
- Commissioned largest solar and battery energy storage system in the U.S. and largest, highest capacity, and lowest cost wind farm in LADWP's renewable portfolio
- Established a first of its kind Equity Metrics Data Initiative to track and report on program benefits, particularly for low-income residents



Zero Carbon Buildings



Major Projects & Accomplishments:

- Adopted most ambitious and comprehensive energy and water efficiency law for existing buildings in U.S.
- Largest number of buildings with an ENERGY STAR certification in the U.S.
- Saved customers \$1.8 billion through energy efficiency investments; enough to power 1.5 million homes/year
- First city to adopt the Buy Clean CA Act for the procurement of low-carbon materials for infrastructure projects
- Announced all new municipal buildings will be all electric



Zero Carbon Transportation



Major Projects & Accomplishment:

- Installed 16,600 commercial EV chargers; the most of any U.S. city
- Pioneered the deployment of charging stations on city street lights, with over 400 currently installed
- Placed the single largest electric bus order in U.S. history and have the 2nd largest municipal EV fleet
- Launched a first-of-its-kind enforceable zero-emission delivery zone pilot program
- Greening the Port of L.A. with first-of-its-kind Green Omni Terminal, Clean Truck Fund to accelerate EV truck deployment, and partnership with the Port of Shanghai on a green shipping corridor



Zero Waste



Major Projects & Accomplishments:

- Launched recycLA, L.A.'s first citywide effort to offer recycling services to all businesses, institutions, and large multifamily buildings
- Expanding organic waste collection services
- All municipal departments are developing and implementing zero waste plans
- First city in the nation to pilot a new recycled plastic asphalt process on a major street repurposing plastic bottles
- Piloting fiber-to-fiber recycling and fiber composting

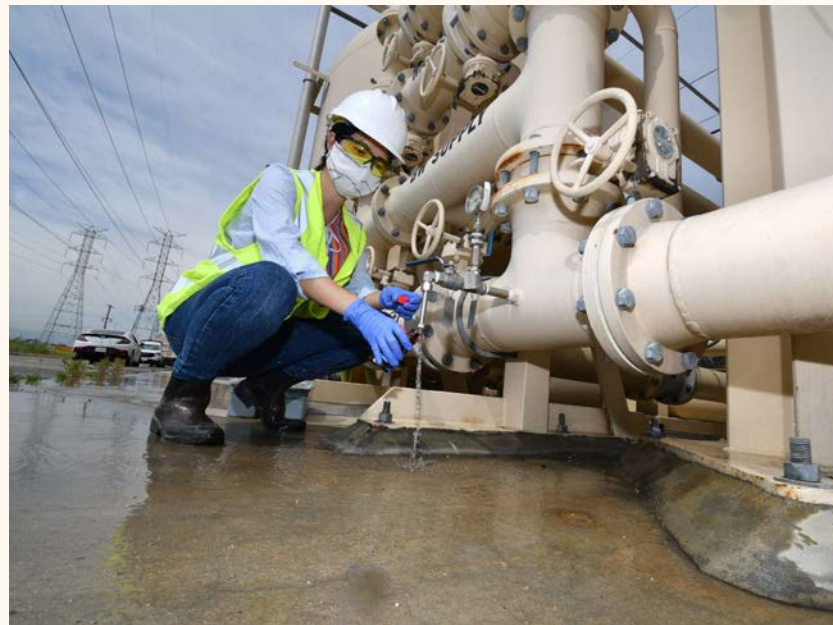


Zero Wasted Water



Major Projects & Accomplishments:

- Reduced water usage by 20%
- Distributed \$247 million to residents and businesses for water efficiency measures
- Replaced 51 million square feet of turf – resulting in 2.3 billion gallons of water saved per year
- Awarded \$263 million for 29 local and regional multibenefit stormwater capture projects
- Developing the largest water recycling plants in U.S.



C40 Cities

- Mayor Garcetti served as C40 Chair from 2019-2021
- C40 is a network of 97 of the world's largest cities committed to addressing climate change in an equitable manner
- Key initiatives founded on the principles of the Global Green New Deal:
 - Global Mayors COVID-19 Recovery Task Force
 - Global Youth and Mayors Forum
- COP26 and the Cities Race to Zero



Thank you!

