Designing a Smart Los Angeles

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A Smart and Connected City

- Technology should enable the City to be
  - Efficient
  - Effective
  - Safe
  - Equitable
  - Resilient
  - Innovative

- Creating a smart city ecosystem and economy that benefits the citizens and the City
L.A. as a Smart City

- Businesses
- City Council
- Employees
- Universities
- Global partners
- Community and citizens
- Mayor
<table>
<thead>
<tr>
<th>Artificial intelligence</th>
<th>Predictive analytics</th>
<th>Personal assistants</th>
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</thead>
<tbody>
<tr>
<td>Machine learning</td>
<td>Internet of things</td>
<td>Blockchain</td>
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<tr>
<td>Gamification</td>
<td>Virtual and augmented reality</td>
<td>Open data ecosystems</td>
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</tbody>
</table>
4,000,000 people

469 square miles

30,000 phones

Cloud hosting

2300 routers

Wifi

Fiber and lines

1500 applications

190 microwave sites and hops

25,000 field radios
LOS ANGELES OPEN DATA

The Economy
Public Safety
Environment
City Budget
Events & Culture
Parks & Libraries
City Services
Transportation
ECONOMY

New Housing: 29,750 units
Rent-Burdened Households: 61.5%
Average Daily VMT Per Capita: 14.7 miles
Walk, Bike, and Transit: 26%

Transit-Oriented New Housing: 43% of new units

Shared Transportation: 0.9% of all trips
Green Job Growth: 6,071 new green jobs
Green Investment: 59.2M dollars
Unemployment Rate Gap: 0.5%
Urban Heat Island Effect: 5.6
GoLA
Find Your Way in LA
www.GoLAapp.com
It’s About the Network -- WAZE
Comprehensive Homeless Strategy
Youth centers help you.
Learn about yourself, what kinds of careers you might enjoy, and where open jobs are located.
- Get help writing your resume and preparing for an interview.
- Brush up on the skills employers are looking for.
- Get the transportation or childcare help you need so that you can get to work.
- Stay connected to a virtual community of peers and volunteers to help you every step of the way.

FindYourFuture is a user-friendly platform to help connect you with the knowledge, jobs, education, and services you need to begin your new career path.

- Get tools that help your career path
- Find jobs tailored to your interests
- Learn application & interview techniques
- Get help every step of the way
U.S. Mayors Demonstrate Ambitious, Collective Climate Leadership

402 Climate Mayors, representing 69 million Americans, commit to uphold the Paris Agreement goals

MAYORS: Click here to join Climate Mayors
THE GLOBAL GOALS
For Sustainable Development

1. NO POVERTY
2. NO HUNGER
3. GOOD HEALTH
4. QUALITY EDUCATION
5. GENDER EQUALITY
6. CLEAN WATER AND SANITATION
7. RENEWABLE ENERGY
8. GOOD JOBS AND ECONOMIC GROWTH
9. INNOVATION AND INFRASTRUCTURE
10. REDUCED INEQUALITIES
11. SUSTAINABLE CITIES AND COMMUNITIES
12. CONSUMPTION
13. CLIMATE ACTION
14. LIFE BELOW WATER
15. LIFE ON LAND
16. PEACE AND JUSTICE
17. PARTNERSHIPS FOR THE GOALS

#GLOBALGOALS
Citizen ideas with civic focus

Twice weekly civic hacking nights
Data Science Federation

14 Universities and Colleges

City data challenges

Data science professors and students

Predict
Analyze
Visualize
Design
Simulate
Empowering a Smart City from Smart Citizens

- Open data is used (APIs, push notifications, alerting)
- Federating data and analysis across deployed sensors and sources
- Activating citizen scientists and Neighborhood Councils
- Engaging citizens in the data economy
- Driving actionable insights to improve livability from data collection and analysis
How Can LA Better Support You?

- How can the City use data and technology to support businesses?
- What technologies do you have that would benefit the City?
- How do you envision a SmarterLA and what are your ideas for making life better?