LOS ANGELES

A CITY THAT CONTINUOUSLY ADAPTS TO THE FUTURE.

City of Los Angeles, California, United States of America
1800’s
the train made the city possible

1920’s
oil and the automobile recreated the city

1924
first traffic management system anywhere
The internet was created in 1969 at UCLA.

Cell phones arrived in Los Angeles in 1983.

ATSAC started in LA in 1984.
Automated Traffic Surveillance and Control System (ATSAC)

- Traffic management across the City.
  - ~4,500 intersections
  - LOS FELIZ Boulevard at ROWENA Avenue had 76,000+ vehicle crossings in a single day.*
  - Measured intersections had an average of more than 18,000 vehicle crossings daily.
LA/2B
HOW WE MOVE

OUR CITY

COMMUTING IN LOS ANGELES:

- AVERAGE OAK WAY COMMMUTE: 31 miles
- BUS COMMUTE: 44 minutes
- BIKE COMMUTE: 19 miles
- WALK COMMUTE: 5 minutes

HOW WE COMMUTE:

- 65.7% DRIVING SOLO
- 14.7% CARPPOOL
- 11.2% PUBLIC TRANSPORT
- 3.4% BIKE
- 0.4% WALK

FUTURE TOTAL RAA MILES: 84
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HOW OTHER MAJOR CITIES COMPARE:

- NEW YORK
- CHICAGO
- SAN FRANCISCO

SOLO CAR: 33.7%
CARPOOL: 12.3%
PUBLIC TRANS: 55.1%
BIKE: 1.4%
WALK: 1.2%
OTHER: 0.1%

LA/2B
The road ahead.
1997
the hybrid car arrives

2007
the iPhone arrives

2013
LED streetlights installed across the city

City of Los Angeles, California, United States of America
2013
electric cars in mass production

2014
Internet of Things (IoT), context awareness.

smart meters start (52,000) in LA (DWP)

Streetlights + EV Charging

City of Los Angeles, California, United States of America
It Takes an Infrastructure

City of Los Angeles, California, United States of America

Challenges and Opportunities

- **People**
  - Culture
  - Digital Divide / Inclusion
  - Identity
  - Authentication
  - Payments
- **Things, Robots, and Vehicles**
  - Connected
  - Autonomous
  - Managed
- **Connectivity**
  - Licensed / unlicensed
- **Security**
- **Privacy**

City of Los Angeles, California, United States of America
Welcome to DataLA, the open data portal for the City of Los Angeles. Here you will find data to conduct research, develop web, online, and mobile applications, and generally learn more about Los Angeles. This site allows you to subscribe to changes in datasets, request new datasets, and participate in discussions with other users. We look forward to seeing what you do with DataLA.
A Livable and Sustainable City

Getting LA Moving: Reducing Car Trips and Increasing Active and Public Transit

Vehicle Miles Traveled (Daily)

41,372,940 miles

Current as of Jan 2012

Daily Vehicle-miles traveled (VMT) is an average of the total length of travel by all vehicles each day in the City of Los Angeles. This estimate is generated annually by the California Department of Transportation and reported in its California Public Road Data Publication.
City of Los Angeles

- 40+ departments, 200+ APIs
2015

connected cars?

the city in an app?

2016

autonomous cars?

City of Los Angeles, California, United States of America
Thank you

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