

Los Angeles County



The new leader in
 e-Mobility



LOS ANGELES COUNTY
ECONOMIC DEVELOPMENT CORPORATION

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Leading Producer & Consumer Market

- **World-and-domestic-leading e-Mobility-related companies** are located here, such as AeroVironment, BYD, Balqon, Clean Fuel Connection, EV Connect and Quallion. L.A. County is also home to leading and well-known start-up companies that have introduced disruptive technologies and products to the e-Mobility market as a whole, including Gridtest Systems, TransPower, TREXA and California Lithium Battery.
- **High growth expected in electric vehicles** in the County of Los Angeles where there are already 4,745 newly registered plug-in electric vehicles and growth is expected to increase to over 100,000 in 2017 and over 400,000 in 2022 (UCLA Luskin Center).
- The County of Los Angeles has a huge personal as well commercial auto, truck, trailer and motorcycle consumer market, with **nearly 7.4 million registered vehicles**.
- Strong local and regional government **support exists for alternative fuel vehicles**.
- L.A. County is the **automotive design capital of the world** with several design headquarters and centers of major car manufacturers, including General Motors, Chrysler, Ford, Honda, Mazda, Nissan, Toyota, Volkswagen and Volvo as well as the design center of electric vehicle manufacturer Telsa Motors. There are a total of 22 automotive design studios located in the region.
- Los Angeles County is the **largest manufacturing center (by employment) in the U.S.**, employing 365,500 workers in 2012.



Los Angeles County At a Glance

Nearly 10 million people (2012)

\$577.50 billion economy (2012)

3,869,700 employees (2012)

\$54,420 average annual wage (2011)

1,073,167 employees in traded clusters[†]

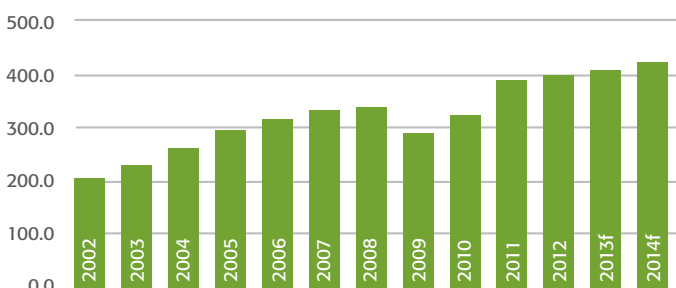
1.2 traded cluster employment location quotient*

[†]Traded industry clusters are comprised of industries that are more highly-concentrated in a few regions and provide the potential for wealth creation through exports.

*Compared to the nation as a whole, Los Angeles County has a larger share of its employment in traded industry clusters, suggesting the increased potential for wealth creation through exports.

Leading International Trade Sector

Los Angeles Customs District Value of Two-way Trade



Source: USA Trade Online

- Los Angeles County is the **#1 International Trade Center** in the U.S.
- Los Angeles Customs District handled **\$403.4 billion in two-way trade** (2012).
- L.A. is home to the **nation's busiest origin and destination airport** – Los Angeles International Airport (LAX).
- The Ports of Los Angeles and Long Beach are the nation's busiest ports handling **14.1 million TEUs** in 2012.





Leading in Alternative Fuel Readiness

- **L.A. County-based AeroVironment designed the Impact (EV-1) under contract with General Motors.**
- In L.A. County, there are **millions of dollars from the U.S. Department of Energy and California Energy Commission** that have been earmarked for alternative fuel infrastructure.
- **Over 350 publicly accessible alternative fueling stations** are located within the county (and many more planned). This includes over 260 electric, 31 CNG, and five hydrogen stations.
- **Aggressive policies by utilities promote alternative fuel infrastructure**, e.g., LADWP has \$2,000 rebate for charger installations.
- **Several municipal and educational fleet programs** are available to test the early release of products.
- **Public agencies throughout L.A. County are moving toward the adoption of alternative fuel fleets**, including Los Angeles County Metropolitan Transportation Authority whose 2,000+ fleet is entirely alternative-fuel buses.



“L.A. is a bustling, massive industrial hub where labor, business and government efforts are working together to make the city’s industries sustainable as well. With access to the ports, a strong, skilled workforce, a robust university presence, and industry groups such as CleanTech Los Angeles, the city is primed for growth in the cleantech sector.”

–Shawn Lesser, Co-Founder & Managing Partner of Atlanta-based Watershed Capital Group

Leading the World in Skilled Workers

- **L.A. County is home to world-class research universities**, including California Institute of Technology (CalTech), University of California Los Angeles, and University of Southern California, which together received \$2 billion in research funding in 2010.
- **121 accredited institutions** confer associates, bachelors, and graduate degrees, as well as numerous job training certificate programs.
- **World-leading automotive design programs** include Pasadena’s Art Center College of Design.
- **Specifically targeted and tailored degree and training programs** to meet the workforce needs of the e-Mobility industry include leading programs at Rio Hondo College, Los Angeles Trade-Tech, and Long Beach City College.
- **Well-trained engineering workforce** from technical design and production industries, including aerospace, analytical instruments, architectural engineering and auto design.



Los Angeles County Economic Development (LAEDC)
Southern California's premier economic development organization

The mission of the LAEDC is to attract, retain and grow businesses and jobs for the regions of LA County.

For more information about the region visit, www.laedc.org

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