

Digest of Green Reports and Studies

Title	<i>Innovating the Green Economy in California Regions</i>
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Organization	Center for Community Innovation at the Institute of Urban and Regional Development, University of California, Berkley
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# of Pages	162 pp.
URL	http://communityinnovation.berkeley.edu/reports/cci-ucb_innovating-green-econ-ca-regions_2010.pdf
Summary	The report examines innovation in California's green economy by concentrating on "how much innovation is occurring in the green economy, and how it takes place on a regional scale."
Key Findings	<ul style="list-style-type: none"> • "Leaders in cleantech innovation are Silicon Valley and San Diego." • "Overall leaders of California's green economy are Los Angeles and the East Bay." • "Majority of cleantech innovation and green economy jobs are located in Los Angeles, East Bay, San Diego, and Orange County." • "Innovation also takes place within traditional businesses due to the adaptations that are required to meet environmental compliance." <p>Additional findings can be found in Chapter 5 section 5.8 pp. 87 to 90</p>
Recommendations	<ul style="list-style-type: none"> • "Innovation policies should focus on regulation and standards, business incentives, market building, and networking to help support a green economy." • "Local governments should become more proactive in cleantech innovation and green economy growth." • "The State needs to remain active in future cleantech innovation and green economy growth."
Definition of "Green"	"Green economy consists of economic activity that reduces energy use and/or improves environmental quality. It includes the four principal sectors of the clean energy economy: renewable energy and alternative fuels (e.g. solar, wind, geothermal, biofuels); green building and energy efficiency technology; energy efficient infrastructure and transportation; and recycling and waste-to-energy. But the green economy is not just about the ability to produce clean energy, but also the growing market for products that consume less energy, from fluorescent light bulbs to organic and locally produced food. It also encompasses economic sectors that improve the environment, for instance toxic site remediation or design of more compact cities."
Methodology	7,286 Surveys sent out. 98 Interviews.
Data Sources Cited	<ul style="list-style-type: none"> • Acs, Z. J. & Audretsch, D. B. (1987). Innovation, market structure, and firm size. <i>The Review of Economics and Statistics</i>, 69(4), 567-574. • Advisory Committee on Measuring Innovation in the 21st Century Economy. (2008). <i>Innovation Measurement: Tracking the State of Innovation in the American Economy</i>. A report to the Secretary of Commerce. Washington, DC: U.S. Department of Commerce. • Aizcorbe, A. M., Moylan, C.E. & Robbins, C.A. (2009). <i>BEA Briefing: Toward Better Measurement of Innovation and Intangibles</i>. Washington, DC: Bureau of Economic Analysis. National Governors Association and Pew Center on the States, 2007. <p>Additional sources located on pp.156 to 162.</p>
Report Geography	California – Los Angeles County, Silicon Valley, East Bay, San Diego County, Orange County, San Francisco-San Mateo-Marín, Sacramento-Arden-Arcade-Roseville, Inland Empire (Riverside-San Bernardino), Santa Barbara-Santa Maria-Goleta, Oxnard-Thousand Oaks-Ventura, Bakersfield, Visalia-Porterville, Santa Rosa-Petaluma, Upper San Joaquin, Fresno, Santa Cruz-Watsonville, Vallejo-Fairfield, San Luis Obispo-Paso Robles, Chico, Salinas, Napa, Eureka-Arcata-Fortuna, Redding, Truckee-Grass Valley, Yuba City-Marysville, El Centro, Madera, Red Bluff, Clearlake, Phoenix Lake-Cedar Ridge, Bishop, Hanford-Corcoran, Crescent City North, Ukiah.
Green Occupations Cited	<ul style="list-style-type: none"> • Green Building Installers • Photovoltaic Installers • Recycler • Solar Panel Installers
Green Industries Cited	<ul style="list-style-type: none"> • Agriculture • Architecture, Engineering and Design

	<ul style="list-style-type: none"> • Construction • Eco-tourism • Energy Production • Energy Research and Services • Environmental Services or Consulting • Green Building • Green Manufacturing • Green Transportation • Recycling/Remediation • Solar Manufacturing • Utilities • Wind
Keywords	<p>Alternative Fuels; Bioenergy Research; Biofuels; Biogas; Biomass; Bioprocessing; Biotechnology; California Global Warming Solutions Act; California High Speed Rail; Cellulosic; ChloroFill Board; Clean Air Action Plan; Clean Energy Economy; Cleantech; Cleantechology; Climate Action Registry (CAR); Climate Change; Cogeneration; East Bay Green Corridor Partnership; East Bay; Eco-tourism; Electric Vehicle; Energy Biosciences Institute (BP-EBI); Energy Efficiency Technology; Energy Efficient Infrastructure; Energy Research and Services; Environmental Services and Consulting; Ethanol; Fresno; Fuel Cells; Fossil Fuel; Geothermal; Global Warming; Green Building; Green Building/Lighting; Green Business; Green Economy; Green Energy Research; Green Gazelles; Green Practices and Activities; Greenhouse Gases; Greenhouse Gas Emissions (GHG); Green Innovation; Green Innovative Firms; Green Jobs; Green Manufacturing; Green Processes; Green Products; Green Start-ups; Green Transportation; Hybrid Electric Bicycles; Hybrid Vehicle; Hydrogen Vehicles; Inland Empire; Kondratieff Wave; LEED; Los Angeles; Nanotechnology Research; Orange County; Photoelectrochemical Hydrogen Generation; Plug-in Hybrid Vehicle; Recycled Concrete; Recycling; Recycling Market Development Zones; Remediation; Renewable Energy; Renewable Portfolio Standard Program (RPS); Riverside-San Bernardino; Sacramento; San Diego, Sequestration; Silicon Valley; Small Business Innovation Research (SBIR)/ Small Business Technology Transfer (STTR) Grants; Solar; Solar Energy Industry Association (SEIA); Solar Panel Manufacturing; Solar Photovoltaic Panels; Sunshine Tax; Tidal Power; Toxic Release Inventory (TRI); Upper San Joaquin Valley; Waste-to-Energy; Wind Energy.</p>
Legislation Cited	<p>CA. AB 32 – California Global Warming Solutions Act of 2006 CA. SB 375 - Redesigning Communities to Reduce Greenhouse Gases ARRA – American Recovery and Reinvestment Act of 2009</p>
Bibliography (Y/N)	Y
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