

Digest of Green Reports and Studies

Title	2010 California Green Innovation Index
Author	Produced by Next 10 and Prepared by Collaborative Economics
Organization	Next 10
Author Contact	Next 10 300 Brannan Street, Suite 402 San Francisco, CA 94107 415-957-0202 Email: info@next10.org
Publication Type	Report – Literature Research
Publication Date	2010
# of Pages	72 pp.
URL	http://www.next10.org/next10/pdf/GII/Next10_GII_2010.pdf
Summary	This report documents California's increasing global leadership in green innovation, cleantech venture capital investment, and energy productivity, despite the economic downturn. New data also shows that more businesses are opening in California than closing or leaving. According to index statistics, California's economy has profited from reducing its dependence on carbon. Furthermore, this report tracks California's policy history and innovative technology, and the resulting economic and environmental gains or losses.
Key Findings	<p>The report identified the following:</p> <ul style="list-style-type: none"> • California's global leadership in green innovation continues to grow, attracting billions in investment dollars. • Global venture capital (VC) investment in clean technology is becoming more concentrated in California. Accounting for 24 percent of total global investment, the state has attracted \$11.6 billion in cleantech VC since 2006. • In the first half of 2010, the state attracted 40 percent of global cleantech VC exceeding the first half of 2009 by 246 percent. • California is the top state in patent registrations in green technology outpacing second-ranked New York by more than 150 patents between 2007 and 2009. • From 1995 to 2008, manufacturing employment in core green economy expanded by 19 percent, while there was a nine percent drop in total manufacturing employment. Between 2007 and 2008, green manufacturing employment grew by 1 percent, while total manufacturing employment dropped 4 percent. • For every dollar of GDP generated in 2008, the state's economy requires 32 percent less carbon than it did in 1990, saving California residents money and giving California businesses the competitive edge. • Californians are getting out of their cars more to use public transportation, or using more alternative fuels when driving. <p>Additional key observations can be found throughout the report.</p>
Recommendations	No actual recommendations were mentioned in the report
Definition of "Green"	A definition of "Green" was not provided in the report.
Methodology	Data analysis
Data Sources Cited	<ul style="list-style-type: none"> • Bureau of Economic Analysis, U.S. Department of Commerce • California Department of Finance • Green Establishment Database (information from multiple sources including New Energy Finance and the Cleantech GroupTM,LLC) • National Establishments Time-Series (NETS) (database based on Dun & Bradstreet business-unit data) <p>These are just a select few of the sources mentioned in the document; please see report for completed list.</p>
Report Geography	California
Green Occupations Cited	<ul style="list-style-type: none"> • Energy Conservation Consulting and Engineering • Environmental Consulting • Renewable Energy Consulting <p>Additional green occupations may be cited throughout the report</p>
Green Industries Cited	<ul style="list-style-type: none"> • Agriculture • Air & Environment • Energy Generation

	<ul style="list-style-type: none"> • Green Building • Green Transportation • Manufacturing • Services • Water & Wastewater <p>Additional industries may be cited throughout the report</p>
Keywords	Advanced Batteries; Alternative Fuel Vehicle; Business Churn; Carbon; Economic; Economy; Employment; Energy Efficiency; Energy Generation; Energy Storage; Green; Green Building; Greenhouse Gas Emissions; Green Technology; Geothermal; Job; Policy; Recycling; Region; Renewables; Solar Energy; Wind Energy.
Legislation Cited	<ul style="list-style-type: none"> • National Air Pollution Control Act (1955) • National Emissions Standards Act (1965) • Air Quality Act (1967) • Efficiency standards for appliances (Title 20) (1977) • National Appliance Energy Conservation and efficiency Act (NAECA) (1987) • California Climate Action Registry established (SB 1771) (2000) • California global Warming Solution Act of 2006 (AB 32) • The California Solar Surplus Act of 2009 (AB 920) • Energy Efficiency: Equity, Jobs and Green Building (AB 758) (2010) <p>Additional legislation is cited throughout the report</p>
Bibliography (Y/N)	No
Reviewer Name/Org	Karen del Gallego, LMID-ORG

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