

Digest of Green Reports and Studies

Title	<i>California Green Innovation Index 2009</i>
Author	Collaborative Economics
Organization	Next 10
Author Contact	http://www.coecon.com/
Publication Type	Report – Results from Case Study
Publication Date	2009
# of Pages	85 pp
URL	http://www.nextten.org/pdf/GII/Next10_GII_2009.pdf
Summary	<p>“The 2009 California Green Innovation Index is a brand new report produced by Next 10 and authored by Collaborative Economics. The index provides a deep analysis of key economic and environmental indicators that will help us better understand the role green innovation plays in reducing greenhouse gas emissions while strengthening the economy.</p> <p>Research included in this 2009 Green Innovation Index provides further evidence of the powerful economic stimulus clean energy policy can provide. California’s energy productivity, that is, the amount of gross domestic product produced per unit of energy, is 68% more productive than the rest of the nation. New data presented shows that while total jobs increased by just one percent statewide, green jobs have increased by ten percent since 2005. Clean technology investment in California nearly doubled in 2008, reaching \$3.3 billion. California is a national leader in solar, wind, and battery patents.”</p>
Key Findings	<ul style="list-style-type: none"> • California’s gross annual greenhouse gas emissions increased by 4% from 2003 to 2006. • “California has made significant progress in delinking economic growth from Greenhouse Gas emissions.” • “California’s Carbon Economy is on a downward trend.” • “California’s energy productivity is 68% higher than that of the rest of the country.” • “From 2005 to 2006 California’s energy consumption per capita declined by almost 2%....” • “Clean technology investment in California achieved an all time high in 2008 of \$3.3 billion.” • “California had 33% of nationwide solar energy patent registration in recent years (2002-2007).” • “In the most recent year, per capita emissions (from surface transportation) dropped by 1.6% and per capita vehicle miles traveled fell by 0.5%.” • “Since 2000 the number of newly registered vehicles that run on alternative fuels has grown by a factor of 26.” • “Compared to the nation, California generates a larger portion of its’ total power generation from renewable resources.” • Jobs in green businesses have been growing at a faster rate (15%) than total job growth in California (10%).
Recommendations	None
Definition of “Green”	Core Green Economy is defined as “business activities providing products and services that leverage renewable energy sources, conserve energy and natural resources, reduce pollution, and repurpose waste cover a broad spectrum of business activities and value networks. This definition is based roughly on the definition of ‘Cleantech’ by the Cleantech Group LLC.”
Methodology	Report – Results from Case Study
Data Sources Cited	California Air Resources Board, California State Controller, Field Research Organization
Report Geography	California
Green Occupations Cited	<ul style="list-style-type: none"> • Accessory Equip. and Controls • Alternative Fuels • Biomass, Geothermal, Marine, and Hydro • Energy Conservation and Engineering • Energy Conservation Consultant • Energy Conservation Products and Software • Energy Consulting • Energy Management • Energy Research • Glass • Lighting

	<ul style="list-style-type: none"> • Machinery • Meters and Measuring Devices • Solar Appliances and Devices • Solar Work • Wind
Green Industries Cited	<ul style="list-style-type: none"> • Agriculture • Air & Environment • Energy Efficiency • Energy Generation • Finance and Investment • Green Building • Installation • Manufacturing • Public Education/Service Organization • Recycling & Waste • Research & Advocacy • Research and Development • Services • Supplier • Transportation • Waste and Wastewater
Keywords	California; Energy Efficiency; Green Technology.
Legislation Cited	Assembly Bill (AB) 32 California Global Warming Solutions Act of 2006, AB 1493 California Clean Car Law of 2002, AB 3018 Green Collar Jobs Council, AB 811 Solar Loan Law, Senate Bill (SB) 375 Smart Growth/Land Use, SB 812, S-20-04 Governor's Green Building Initiative Executive Order, Governor's Executive Order S-3-05, SB 1368 California Greenhouse Gas Emissions Standards for Power Plants, AB 1103 Energy Consumption Data Requirements, AB 1470 Solar Water Heating and Efficiency Act of 2007, AB 1969, SB 375 Land Use Strategy Requirements
Bibliography (Y/N)	N
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