

Definitions of "Green"

(As Cited in Green Publications Included in Green Digest Index)

"Green" Publication Title	Author and Organization	Author's Definition of "Green" Economy or Sector Cited	URL Address to Complete Publication	Link to Green Digest Summary
<i>2008 Washington State Green Economy Jobs</i>	Prepared by: Hardcastle, Alan, Ph.D.; Employment Security Department, Labor Market and Economic Analysis	"Green jobs promote environmental protection and security." "The green economy is rooted in the development and use of products and services that promote environmental protection and energy security. It is composed of industries and businesses engaged in: energy efficiency, preventing and reducing pollution, renewable energy, and mitigating or cleaning up pollution."	http://www.workforceexplorer.com/admin/uploadedPublications/9463_Green_Jobs_Report_2008_WEXVersion.pdf	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/2008-Washington-State-green-economy.pdf
<i>A Golden Opportunity: Strengthening California's Economy through Climate Policy; January 2006</i>	Redefining Progress, January 2006 issue	None Cited.	http://www.rprogress.org/publications/2006/goldenopp0106.pdf	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/A-Golden-Opportunity.pdf
<i>A Local Revolution: California's Cities and Counties Combat Global Warming; 2008</i>	Volpe, Tristan - Green Technology	None Cited	http://www.green-technology.org/green_technology_magazine/images/local_revolution.pdf	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/A-Local-Revolution--Californias-Cities-and-Counties.pdf
<i>Americans put themselves on the path to green careers. June 9, 2008</i>	Gardner, Marilyn; Christian Science Monitor	None Cited	http://features.csmonitor.com/environment/2008/06/09/americans-put-themselves-on-the-path-	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Americans-put-themselves-on-the-path-to-green-careers.pdf

			to-green-careers/	
<i>Analysis of Clean Energy Workforce Needs and Programs in Oregon – Sustainable Oregon Workforce Phase 1 Report</i>	Hayes, Cylvia	None Cited	http://www.3estrategies.org/Documents/SOWreport_Final_may.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Energy-Workforce-Needs-in-Oregon.pdf
<i>Analysis of Clean Energy Workforce Needs and Programs in Oregon – Sustainable Oregon Workforce Phase 1 Report</i>	Hayes, Cylvia	None Cited	http://www.3estrategies.org/Documents/SOWreport_Final_may.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Energy-Workforce-Needs-in-Oregon.pdf
<i>Bay Region Solar Industry Workforce Study - Key Findings, Feb. 2008</i>	California Community College Center of Excellence	None Cited	http://www.coeccc.net/EnvironmentaI_Scans/Solar_Scan_SF-SV_08.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Bay-Region-Solar-Industry-Workforce-Study.pdf
<i>California Climate Risk and Response</i>	Roland-Holst, David	None Cited	http://are.berkeley.edu/~dwrh/CERES_Web/Documents/ClimateRiskandResponse_ES.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/California-Climate-Risk.pdf
<i>California Community Colleges: Technical Training for Competitive Advantage in the Hydrogen Economy (Draft); 2004; 44 pp</i>	Gus Koehler, Ph.D. Victoria Koehler-Jones, Ph.D.	None Cited	http://www.timestructure.com/downloads/Training%20for%20Competitive%20Advantage%20in%20the%20Hydrogen%20Economy.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/CA-Community-Colleges-Technical-Training.pdf
<i>California</i>	Gus Koehler,	None Cited.	http://www.ti	www.labormarketinfo.e

<p><i>Community Colleges: Technical Training for Competitive Advantage in the Hydrogen Economy (Draft); 2004; 44 pp</i></p>	<p>Ph.D. Victoria Koehler-Jones, Ph.D.</p>		<p>mestrustructure.com/downloads/Training%20for%20Competitive%20Advantage%20in%20the%20Hydrogen%20Economy.pdf</p>	<p>dd.ca.gov/contentpub/GreenDigest/CA-Community-Colleges-Technical-Training.pdf</p>
<p><i>California Green Innovation Index, 2008 Inaugural Issue</i></p>	<p>Next 10</p>	<p>No specific definition is provided. The Index measures progress toward green innovation—green in the sense that it generates both environmental and economic benefits.</p>	<p>http://www.nextten.org/environment/greenInnovation.html</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/CA-Green-Innovation-Index.pdf</p>
<p><i>California's Edge: Keeping California Competitive and Creating Opportunity - 2006</i></p>	<p>California's EDGE (Education, Diversity, Growth in the Economy</p>	<p>None Cited.</p>	<p>http://www.californiaedgecampaign.org/report.php</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Californias-EDGE-Campaign-Policy-Paper.pdf</p>
<p><i>California's New Energy Economy; January, 2008</i></p>	<p>Green Technology Magazine</p>	<p>“Green technology” encompasses a continuously evolving group of methods and materials, from techniques for generating energy to non-toxic cleaning products.</p> <p><u>Examples of green technology subject areas</u></p> <p>Energy - includes the development of alternative fuels, new means of generating energy and energy efficiency.</p> <p>Green chemistry - The invention, design and application of chemical products and processes to reduce or to eliminate the use and generation</p>	<p>http://www.green-technology.org/green_technology_magazine/briefs.htm</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Green-Technology-Magazine.pdf</p>

		<p>of hazardous substances.</p> <p>Green nanotechnology - Involves the manipulation of materials at the scale of the nanometer, one billionth of a meter. "Green nanotechnology" is the application of green chemistry and green engineering principles to this field.</p>		
<p><i>Central Upstate New York's Green Energy Sector: Opportunities and Prospects; Nov. 2007</i></p>	<p>Battelle Technology Partnership Practice (for Metropolitan Development Association of Syracuse and Central New York and Creative Core's Regional Green Team)</p>	<p>The Environmental and Energy Systems Industry Sector includes:</p> <ul style="list-style-type: none"> • Indoor Environmental Quality • Renewable Energy • Green Buildings/ Sustainable Design • Water Quality and Water Resources 	<p>http://www.mda-cny.com/pdf/244.pdf</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Green-Economy-Workforce.pdf</p>
<p><i>Characteristics of Canadian Environmental Practitioners, 2006</i></p>	<p>ECO Canada (Environmental Careers Organization)</p>	<p>Environmental employment is defined as work or business activities related to one of three sectors: environmental protection, conservation and preservation of natural resources, and environmental sustainability. These sectors are part of the National Occupational Standards (NOS) for environmental employment, developed by ECO Canada.</p>	<p>http://www.eco.ca/pdf/LMI_Practitioner_Final_2006_EN.pdf</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Characteristics-of-Canadian-Environmental-Practitioners.pdf</p>
<p><i>Clean Energy and Green Building Careers in Silicon Valley</i></p>	<p>Jim Cassio; NOVA Workforce Board</p>	<p>Principal values help to define being green. However, this is not a checklist. The following values reflect an approach to life that centers on an awareness of our impact on the</p>	<p>http://www.novaworks.org/lmi/#greenforum</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Clean-Energy-Green-Careers.pdf</p>

		planet and its people: Environmental protection/preservation, Eco-friendly design, Sustainable development, Renewable energy, Organic/natural products, Fair trade, Holistic health, Clean technology, Peace and justice, Social conscience.		
<i>Clean Energy and Jobs: A comprehensive approach to climate change and energy policy, 2002</i>	Economic Policy Institute and Center for a Sustainable Economy	Green is any activity or service that sustains the environment. Green collar jobs: blue collar jobs in green businesses, e.g. manual labor jobs in businesses whose products and services directly improve environmental quality.	http://www.rprogress.org/publications/2002/Clean%20Energy%20and%20Jobs.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Energy-and-Jobs.pdf
<i>Clean Technology and Green Economy - Growing Products, Services, Businesses and Jobs in California's Value Network (Draft); March 2008 (30 pp)</i>	Collaborative Economics and California Economic Strategy Panel	"Green" includes cleantech, a new technology that spans a broad range of products, services and processes that lower performance costs, reduce or eliminate negative ecological impact, and improve the productive and responsible use of natural resources. It also includes other related business activities that either support the widespread application of new technologies or apply new technologies as service providers for instance in emissions monitoring; and, specialized business services with a focus on serving the particular needs of green businesses.	http://www.labor.ca.gov/panel/pdf/DRAFT_Green_Economy_031708.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Technology-and-the-Green-Economy.pdf
<i>Clean Technology</i>	Cormia, Robert; Foothills	Clean tech refers to any product, service, or	http://groups.yahoo.com/	www.labormarketinfo.eadd.ca.gov/contentpub/

<i>Job Skills Inventory; May 2008 (50 pp)</i>	College (California)	process that delivers value using limited or zero nonrenewable resources and/or creates significantly less waste than conventional offerings.	group/NewEnergyWorkforce/files/Cleantech_Migrant_Final_Report_May_2008.pdf	GreenDigest/Clean-Technology-Job-Skills-Inventory.pdf
<i>Clean Technology Workforce Challenges and Opportunities (52 pp)</i>	BW Research Partnership for the Los Angeles/OC Regional Consortium & LATTC	Green Economy – products and services that are being developed and produced to lower greenhouse gas (GHG) emissions, improve air and water quality, provide more sustainable development alternatives, or provide cleaner and more efficient energy options.	http://www.latc.edu/dept/lattc/acaaffairs/files/Clean_Technology_Report.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Technology-Workforce-Challenges.pdf
<i>Clean, Secure Energy And Economic Growth: A Commitment To Renewable Energy and Enhanced Energy Independence February 2008 (50 pp)</i>	The First Report of the Renewable Energy Task Force	None Cited.	http://www.ny.gov/governor/press/lt-RETF_Report.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Secure-Energy-and-Economic-Growth.pdf
<i>Clean-tech investment leaps 83% in year (Aug 5, 2008)</i>	SF Gate (SF Chronicle)	Clean technology – products or services that use natural resources or reduce the negative environmental impact of their use.	http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2008/08/05/BUQE11TFP5.DTL	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Clean-Tech-Investment-Leaps.pdf
<i>Cleantech: A New Engine of Economic Growth for New York State (79 pp)</i>	New York City Investment Fund; January, 2007	“The ‘cleantech’ or clean technology industry produces goods and services that optimize the use of natural resources, while reducing ecological impact and adding economic value by significantly lowering cost.”	http://www.nycif.org/pdfs/CleantechReport.pdf	
<i>Climate Action</i>	California	None Cited.	http://www.c	

<p><i>Team Report to Governor Schwarzenegger and the Legislature, March 2006 (Note: Summary of Report available at www.climatechange.ca.gov/climate_action_team/reports)</i></p>	<p>Climate Action Team (CA EPA)</p>		<p>climatechange.ca.gov/climate_action_team/reports/2006report/2006-04-03_FINAL_CAT_REPORT.PDF</p>	
<p><i>Climate Change. Avenues for Trade Union Action. July 2004.</i></p>	<p>European Trade Union Confederation and others. February 2007.</p>	<p>Renewable energy sources: wind energy, solar energy, hydroelectric power, biomass energy, landfill gas energy, biogas and sewage treatment, gas energy, geothermal energy, wave energy, tidal energy. (Source: Directive 2001/77/EC of the European Parliament and the Council on the promotion of the electricity produced from renewable energy sources in the international electricity market).</p>	<p>http://www.tradeunionpress.eu/Web/ENONE/CITEDactivities/Environment/Studyclimatechange/rapport.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Climate_Change_Trade_Union_Action_EU_Digest.pdf</p>
<p><i>Climate Change. Avenues for Trade Union Action. July 2004.</i></p>	<p>CES - Confédération Européenne des Syndicats</p>	<p>Renewable energy sources: wind energy, solar energy, hydroelectric power, biomass energy, landfill gas energy, biogas and sewage treatment, gas energy, geothermal energy, wave energy, tidal energy. (Source: Directive 2001/77/EC of the European Parliament and the Council on the promotion of the electricity produced from renewable energy</p>	<p>http://www.euc.org/IMG/pdf/GuideKyoto-Text-ENG.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Climate_Change_Trade_Union_Action_EU_Digest.pdf</p>

		sources in the international electricity market).		
<i>Climate Protection Strategies and Best Practices Guide, 2007 Mayors Climate Protection Summit (75 pgs)</i>	United States Conference of Mayors	None Cited.	http://www.usmayors.org/climateprotection/documents/2007bestpractices-mcps.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Climate-Protection-Strategies-and-Best-Practices.pdf
<i>Community Jobs in the Green Economy 2007; 24 pgs.</i>	Apollo Alliance and Urban Habitat	Green economy is used to describe a broader range of economic activities and includes a range of products and practices related to improving or preserving the natural environment and the quality of the air, water, and food in our communities.	http://www.urbanhabitat.org/files/Community-Jobs-in-the-Green-Economy-web.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Community-Jobs-in-the-Green-Economy.pdf
<i>Cost Effective GHG Mitigation Measures for California, Jan. 19, 2006</i>	Center for Clean Air Policy	None Cited.	http://www.ccap.org/domestic/State/Summary%20Report_1-19-06_.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Cost_Effective_GHG.pdf
<i>Current and Potential Jobs in the U.S. Economy; Oct. 2008; 41 pp.</i>	Global Insight (for The United States Conference of Mayors and the Mayors Climate Protection Center)	Green economy – the part of economic activity which is devoted to the reduction of fossil fuels, the increase of energy efficiency, and the curtailment of greenhouse gas emissions.	http://www.usmayors.org/pressreleases/uploads/GreenJobsReport.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Current-and-Potential-Green-Jobs.pdf
<i>Defining Energy Technologies and Services report (2008)</i>	Advanced Technology Environmental and Energy Center	None Cited.		www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Defining_Energy_Tech_Services_.pdf
<i>Defining, Estimating, and Forecasting the Renewable Energy and</i>	The American Solar Energy Society (ASES) and Management Information	For the purpose of this study, green jobs are defined as jobs that, “as a result of environmental pressures and concerns, have produced the	http://www.colorado.gov/energy/in/uploaded_pdf/GreenJobsReportFull.p	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Defining-US-and-Colorado.pdf

<i>Energy Efficiency Industries in the U.S. and Colorado.</i>	Services (MIS), Washington D.C.	development of numerous products, processes, and services, which specifically target the reduction of environmental impact.”	df.	
<i>Designing Climate Change Legislation that Shields Low-income Households from Increased Poverty and Hardship, November 2007; Revised May 2008</i>	Center on Budget and Policy Priorities	“Green” is referred to as “clean” energy: Reducing greenhouse-gas emissions to encourage efficiency and the substitution of “clean” energy sources for fossil fuel.	http://www.cbpp.org/10-25-07climate.pdf	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Designing-Climate-Change-Legislation.pdf
<i>DOE Announces \$126M for Carbon Capture Projects</i>	SustainableBusiness.com	None Cited.	http://www.sustainablebusiness.com/index.cfm/go/news.display/id/15977	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/DOE-Announces-Money-for-Carbon-Capture.pdf
<i>DOE to Invest up to \$24 Million for Breakthrough Solar Energy Products</i>	Jennifer Scoggins; United States Department of Energy	None Cited.	http://www.doe.gov/news/6477.htm	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/DOE-Invest-24-Million-Solar.pdf
<i>Drivers of Change - Presentation by Natural Capitalism Solutions; 2008</i>	Lovins, Hunter, Pres.	None Cited.	http://www.green-technology.org/gcsummit/gcs08presentations.htm	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Drivers-of-Change.pdf
<i>Economic and Workforce Development Opportunities of Green Technology</i>	[BW] Research Partnership	None Cited.	http://www.lattc.edu/dept/lattc/acaaffairs/files/TheEconomicWorkforceDevelopmentOpportunitiesofGreenTech_1007.ppt#333	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Economic-and-workforce-devpt.pdf

<p><i>Economic Development Potential of the Green Sector; June 2006</i></p>	<p>Ong, Paul; The Ralph and Goldy Lewis Center for Regional Policy Studies, UCLA School of Public Affairs, June 2006</p>	<p>The authors provide no exact definition. However, they note that the Green sector "can be conceived as being composed of activities related to efforts to clean the air and water, manage waste products, promote conservation, and enhance the environment."</p>	<p>http://repositories.cdlib.org/lewis/pb/Policy_Brief_06-06/</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Economic-Development-Potential-of-the-Green-Sector.pdf</p>
<p><i>Economic Growth and Greenhouse Gas Mitigation in California. UC Berkeley, August 2006</i></p>	<p>Roland-Holst, David</p>	<p>Summary Not Yet Completed</p>	<p>http://calclimate.berkeley.edu/Growth_Strategies_Full_Report.pdf</p>	
<p><i>EDGE Perspective on Green Collar Jobs - Short Article, 2008</i></p>	<p>California's EDGE (Education, Diversity, Growth in the Economy</p>	<p>None Cited.</p>	<p>http://www.californiaedgcampaign.org/download/EDGEPerspectiveOnGreenCollarJobsApril2008.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/EDGE-Perspective-on-Green-Collar-Jobs.pdf</p>
<p><i>Effects of a Transition to a Hydrogen Economy on Employment in the U.S. Report to Congress; July 2008; 66 pp</i></p>	<p>Dept. of Energy</p>	<p>None Cited.</p>	<p>http://www.usfcc.com/Fuel%20Cell_Hydrogen%20Employment%20Study_final.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Effects-of-a-Transition.pdf</p>
<p><i>Energy Efficiency, Innovation, and Job Creation in California</i></p>	<p>Roland-Holst, David; Center for Energy, Resources, and Economic Stability (CERES)</p>	<p>None Cited.</p>	<p>http://are.berkeley.edu/%7Edwrh/CERES_Web/Docs/UCB%20Energy%20Innovation%20and%20Job%20Creation%202010-2008.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Energy-Efficiency-Innovation.pdf</p>

<p><i>Energy Efficiency Occupations: Bay Region</i></p>	<p>Carrese, John and Oliver, Jennifer; San Francisco Bay and Greater Silicon Valley Centers of Excellence, California Community Colleges</p>	<p>For the purposes of this study, the energy efficiency sector was defined as those firms that:</p> <ul style="list-style-type: none"> a) deliver energy efficiency services as their primary focus, b) are public or private utilities or agencies who hire energy efficiency workers, c) are large customers of energy utilities who hire energy efficiency workers. 	<p>http://www.coeccc.net/energy.</p>	<p>www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Energy-Efficiency-COE.pdf.</p>
<p><i>Going from "Blue Collar" to "Green Collar" in Workforce Development; Feb. 2008.</i></p>	<p>McCarthy, Michael – Workplace, Inc.</p>	<p>GREEN is a term used to imply that a service, product, or technology is environmentally friendly (i.e. sustainable)."</p> <p>Note: this is the definition created and promoted by the Elle Baker Center for Human Rights</p> <p>GREEN ECONOMY - A rapidly growing billion-dollar sector that includes renewable energy sources, organic produce and products, green buildings, alternative fuel vehicles, and more.</p> <p>"Greenwashing" - a term used to describe the act of misleading consumers regarding the environmental practices of a company or the environmental benefits of a product or service.</p>	<p>http://www.workplace.org</p>	<p>www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Going-from-Blue-Collar-to-Green.pdf</p>
<p><i>Gov. Schwarzenegger Showcases California</i></p>	<p>Governor's Office of External Affairs (State of</p>	<p>None Cited.</p>	<p>http://gov.ca.gov/press-release/9665/</p>	

<i>Businesses' Environmental Innovations; May 20, 2008</i>	California)			
<i>Governor's budget plan grows green staff; May 4, 2008</i>	SF Gate (SF Chronicle)	None Cited.	http://www.sfgate.com/cgi-bin/Citedrticle.cgi?f=/c/a/2008/05/04/BALG10G2RL.DTL	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Governors-Budget-Grows-Green-Staff.pdf
<i>Green Business Zone -- Pasadena's Green Plan Hits the Bottom Line; 2008</i>	Lilienthal, Lisa; Green Technology Magazine	None Cited.	http://www.green-technology.org/green_technology_magazine/pasadena_business.htm	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Business-Zone.pdf
<i>GREEN CA SUMMIT: Renewable Energy Options: Going for Net Zero and Beyond; 2008</i>	Schultz, Don	None Cited.	http://www.green-technology.org/gcsummit/images/Renewable_Energy_Options_Don_Schultz.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/GREEN-CA-SUMMIT-Renewable-Energy.pdf
<i>Green Collar Jobs – An analysis of the capacity of Green Businesses to Provide High Quality Jobs to Men and Women with Barriers to Employment</i>	Pinderhughes, Raquel, Ph.D	Green is any activity or service that sustains the environment. Green collar jobs: blue collar jobs in green businesses, e.g. manual labor jobs in businesses whose products and services directly improve environmental quality.	http://bss.sfsu.edu/raquelrp/documents/v13FullReport.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Collar-Jobs-Berkeley.pdf
<i>Green Collar Jobs in the U.S. and Colorado, Economic Drivers for the 21st Century (American Solar Energy)</i>	Bezdek, Roger H., Ph.D.; American Solar Energy Society (ASES), Management Information Services Inc. (MISI)	None Cited.	http://www.ases.org/images/stories/ASES/pdfs/CO_Jobs_Report_Jan2009_summary.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-collar-jobs-in-US-and-Colorado.pdf

<p><i>Green Collar Workers and other Mythical Creatures, 2008</i></p>	<p>Marc Anderburg, Texas Workforce Commission</p>	<p>NET reduction in energy consumption and NET reduction in toxic emissions, particularly of CO2 for each new position added to a firm or for legacy workers retrained with Title X dollars</p>	<p>http://www.lmci.state.tx.us/shared/PDFs/GreenCollar_Workers2.pdf</p>	<p>www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Collar-Workers-and-Other-Mythical-Creatures.pdf</p>
<p><i>Green Economy Workforce Study; 30 pp</i></p>	<p>Center of Excellence - Central Valley Region</p>	<p>Green firms in the research were defined as businesses that are making money off of providing products or services that use resources more efficiently, provide alternative sources of energy or lower or minimize greenhouse gas emissions. Methodology Data Sources Cited Primary research of central valley employers, executive interviews</p>	<p>http://www.coecc.net/Environmentalscans/GreenEcon_Scan_CV_08.pdf</p>	<p>www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Economy-Workforce.pdf</p>
<p><i>Green Job Creation Project, 2003</i></p>	<p>Canadian Labour Congress</p>	<p>None Cited.</p>	<p>http://canadianlabour.ca/index.php/green_job_creation</p>	<p>www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Job-Creation-Canadian-Labour-Congress.pdf</p>
<p><i>Green Jobs: A Pathway to a Strong Middle Class</i></p>	<p>White House Task Force on the Middle Class- Office of the Vice President of the United States</p>	<p>“The most general trait of green jobs is that they must be jobs that somehow contribute to the improvement of environmental quality.” The study adds more detail to its definition by drawing from other organization’s definitions. According to the study, a green job must be a job that is associated with improving the environment, is well-compensated and sustainable, and is available to a diverse</p>	<p>http://www.whitehouse.gov/assets/documents/mctf_one_staff_report.pdf</p>	<p>www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Jobs-Middle-Class.pdf</p>

		workforce.		
<i>Green Jobs Guidebook: Employment Opportunities in the New Clean Economy; 2008</i>	Environmental Defense Fund	Jobs that assist in moving the economy towards preventing or adapting to climate change.	http://www.edf.org/cagre/enjobs	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Jobs-Guidebook.pdf
<i>Green Jobs: Survey of the Energy Industry</i>	Association of Energy Engineers	None Cited.	http://www.aeecenter.org/shows/PDFs/Survey-GreenEnergyIndustry.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Jobs-Energy.pdf
<i>Green Jobs: Towards Decent Work in a Sustainable Low-Carbon World; 2008</i>	UNEP Green Jobs Initiative/ Study with WorldWatch, Jan 2008.	Summary Not Yet Completed	http://www.unep.org/labour_environment/PDFs/Green-Jobs-Preliminary-Report-18-01-08.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Industries-and-Jobs.pdf
<i>Green Jobs: Working for People and the Environment – Summary</i>	Renner, Michael; WorldWatch Institute	The author defines green jobs as “employment that contributes to protecting the environment and reducing humanity’s footprint.”	http://www.worldwatch.org/node/5925#summary	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Jobs-Working.pdf
<i>Green Industries & Jobs in California</i>	Centers of Excellence of the California Community Colleges Economic and Workforce Development	A Green Job is an occupation that: 1) directly works with policies, information, materials, and/or technologies that contribute to minimizing environmental impact, and 2) requires specialized knowledge, skills, training, or experience in these areas.” “A Green Firm is an organization that provides products and/or services that are aimed at utilizing resources more efficiently, providing renewable	http://www.coeccc.net/green/documents/Emerging_Green_09.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-Industries-and-Jobs.pdf

		sources of energy, lowering greenhouse gas emissions, or otherwise minimizing environmental impact.”		
<i>Green Recovery -- A New Program to Create Good Jobs and Start Building a Low-Carbon Economy;</i> 2008	Podesta, John; Political Economy Research Institute at the University of Massachusetts for the Center for American Progress	Includes alternative fuel generation, building retrofitting, and efficiency measures to infrastructure with a goal of reducing carbon fuels.	http://www.americanprogress.org/issues/2008/09/green_recovery.html	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Green-recovery-review.pdf
<i>Green-Collar Jobs in America's Cities;</i> March, 2008 (24 pp)	Apollo Alliance	Green Collar Jobs are family-sustaining, career track jobs that contribute directly to preserving or enhancing environmental quality. Green-collar jobs range from low-skill, entry-level positions to high-skill, higher-paid jobs that include opportunities for advancement in both skills and wages	http://www.apolloalliance.org/downloads/greencollarjobs.pdf	
<i>Greener Pathways: Jobs and Workforce Development in the Clean Energy Economy;</i> 2008	Center on Wisconsin Strategy, the Workforce Alliance, The Apollo Alliance	“Green” jobs are family-supporting, middle-skill jobs in the primary sectors of a clean energy economy – efficiency, renewables, and alternative transportation and fuels.	http://www.cows.org/pdf/rp-greenerpathways.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Greener-Pathways.pdf
<i>Growing Green: The Potential for Green Job Growth in Tennessee</i>	Tennessee Department of Labor and Workforce Development, Employment Security Division, Labor Market Information Section	The Tennessee Department of Labor has not yet determined a universal definition of “green.”	http://bree.tn.gov/energy/sites/default/files/GrowingGreenInTN2008.pdf	
<i>High Road or Low Road?</i>	Lead Author: Mattera, Philip	None cited.	http://www.changetowin.org	www.labormarketinfo.eadd.ca.gov/contentpub/

<i>Job Quality in the New Green Economy</i>			org/fileadmin/pdf/green/obsreport.pdf.	GreenDigest/High-Road-or-Low-Road.pdf.
<i>IGCC with Carbon Capture and Storage: Opportunities and Challenges for Labor COWS, Oct. 2007; (Note: IGCC = Integrated gasification combined cycle); 41 pp)</i>	Center on Wisconsin Strategy	Green is referred to as newer, cleaner energy technology that generates environmental and economic benefits. Integrated gasification combined cycle and carbon capture and storage are two components that generate electricity from gasified coal and other feedstock to convert to synthetic gas or syngas and capture CO2 from entering into the air by storing it underground.	http://www.cows.org/pdf/rp-igcc.pdf	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/IGCC-with-Carbon-Capture-and-Storage.pdf
<i>Job Opportunities for the Green Economy June 2008</i>	Robert Pollin & Jeannette Wicks-Lim	A green economy is based on the efficient use of energy, reducing polluting emissions, and the use of renewable sources of power.	http://www.bluegreenalliance.org/atf/cf/%7B3637E5F0-D0EA-46E7-BB32-74D973EFF334%7D/NRDC_report_May28.pdf	
<i>Jobs and the Climate Stewardship Act: How Curbing Global Warming Can Increase Employment, Feb. 2005</i>	Natural Resources Defense Council NRDC	None Cited.	http://www.rprogress.org/publications/2005/CS_Ajobs.pdf	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Jobs-and-the-Climate-Stewardship-Act.pdf
<i>Jobs from Renewable Energy and Energy Efficiency (fact sheet)</i>	Methipara, Jasmy; Sauer, Amy; Elles, Chrissy; Beck, Fredric; Environmental and Energy Study Institute	None Cited.	http://www.esi.org/files/green_jobs_factsheet_102208.pdf.	www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Jobs-from-renewable-energy.pdf.

<i>Jobs in L.A.'s Green Technology Sector</i>	Burns, Patrick and Flaming, Daniel	Green goods and services provide renewable or less-polluting sources of energy, as well as technologies that help reduce pollutants from the existing economic base, transportation infrastructure, and residential communities.	http://www.economicrt.org/summaries/Green_Tech_synopsis.html	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Jobs-in-L.A.s-Green-Tech-Sector.pdf
<i>Managing Greenhouse Gas Emissions in California - January 2006</i>	California Climate Change Center at UC Berkeley	None Cited.	http://calclimate.berkeley.edu/managing_GHGsin_CA.html	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Managing-Greenhouse-Gas-Emissions.pdf
<i>Massachusetts Clean Energy Industry Census; 2007</i>	Massachusetts Technology Collaborative	Clean energy technologies use the sun, wind, water, and plant matter to produce electricity, heat, and transportation fuel.	http://www.masstech.org/renewableenergy/reports/2007census.html	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Massachusetts-Clean-Energy.pdf
<i>Mayors Form Partnership to Build Regional Green Economy (article)</i>	City of Richmond, CA Web site	None Cited.	http://www.ci.richmond.ca.us/index.asp?NID=1353	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Mayors-Form-Partnership-to-Build-Regional-Green-Economy.pdf
<i>New Energy for Cities Energy-Saving Policies for Governors and Legislators; 2006;(51 pp)</i>	Apollo Alliance	None Cited.	http://www.apolloalliance.org/downloads/resources_new_energy_cities.pdf	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/New-Energy-For-Cities.pdf
<i>New Energy for States Energy-Saving Policies for Governors and Legislators not sure of the date but probably around 2002/2003 (50 pp)</i>	Apollo Alliance	None Cited.	http://www.apolloalliance.org/downloads/resources_apollostate_report.pdf	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/New-Energy-For-States.pdf

<p><i>Northern California Regional Competitiveness Network Renewable Energy and Energy Efficiency Report</i></p>	<p>Labor Market Information Division (LMID), Northern California Regional Competitiveness – Northern CA WIRED</p>	<p>“Green or clean is any activity that performs at least one of the following: 1)Generating or storing renewable energy 2)Recycling existing materials, 3)Energy-efficient product manufacturing, distribution, construction, and maintenance 4)Education, compliance, and awareness, and 5) Natural and sustainable product manufacturing.”</p>	<p>http://nortec.org/cb/wired_events.html</p>	
<p><i>Occupational Profiles For the Solar Industry Updated for 2008</i></p>	<p>Interstate Renewable Energy Council (IREC)</p>	<p>None Cited.</p>	<p>http://www.irecusa.org/index.php?id=59&xtnews%5bpS%5d=1217217835&xtnews%5btnews%5d=1143&xtnews%5bbackPid%5d=50&cHash=52021261e3</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Occ_Profiles_Solar_Ind.pdf</p>
<p><i>Oregon’s Energy Efficiency and Renewable Energy Workforce</i></p>	<p>Ayre, Art</p>	<p>Jobs created and supported by the renewable energy and energy efficiency industries.</p>	<p>http://www.qualityinfo.org/pubs/single/green_energy.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Oregons_Energy_Efficiency.pdf</p>
<p><i>Preparing the Workforce for a “Green Jobs” Economy</i></p>	<p>Cleary, Jennifer and Kopicki, Allison; John J. Heldrich Center for Workforce Development</p>	<p>“Green jobs can be broadly defined as jobs that involve protecting wildlife or ecosystems, reducing pollution or waste, or reducing energy usage and lowering carbon emissions.”</p>	<p>http://www.heldrich.rutgers.edu/uploadedFiles/Publications/Heldrich%20Center_Green%20Jobs%20Brief.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Preparing-the-Workforce.pdf</p>
<p><i>Putting Renewables to Work: How</i></p>	<p>Kammen, Kapadia and Fripp; Energy</p>	<p>Kammen et al do not take a stance on the definition of green;</p>	<p>http://rael.berkeley.edu/files/2004/Ka</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Putting-</p>

<p><i>Many Jobs Can the Clean Energy Industry Generate?</i> By UC Berkeley. APRIL 13, 2004 (corrected 1/31/06)</p>	<p>and Resources Group, Goldman School of Public Policy,</p>	<p>however, they make the point that it is important to distinguish between manufacturing, construction and installation jobs versus operations and maintenance jobs. They believe this is key point for regional and state-level policy.</p>	<p>mmen-Renewable-Jobs-2004.pdf</p>	<p>Renewables-to-Work.pdf</p>
<p><i>Remake a Living: Hire definition How do we define the green-job economy?</i> (blog)</p>	<p>Doyle, Kevin</p>	<p>The writer encourages the reader to define the term “green” in terms of those emergent industries and their related occupations that the job seeker might pursue. He also describes these industries as those “...that may become eligible to receive programs and subsidies in the name of green economic development.”</p>	<p>http://gristmill.grist.org/story/2008/2/19/155825/434</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Remake-a-Living.pdf</p>
<p><i>Renewable Energy and Energy Efficiency: Economic Drivers for the 21st Century;</i> November 2007</p>	<p>ASES and Bezdek, Roger H.</p>	<p>Authors defined metrics for energy efficiency (for example, vehicles can be counted only if they get at least 10 percent better mpg than CAFE requirements), and included all workers within a green industry. They also included non-profits (such as ASES) and government agencies (such as DOE Laboratories).</p>	<p>http://www.ases.org/ASES-JobsReport-Final.pdf</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Renewable-Energy-and-Energy-Efficiency.pdf</p>
<p><i>Renewable Energy Demand - A Case Study in California;</i> 2006; (15 pp)</p>	<p>Sterzinger and Stevens</p>	<p>Green Manufacturing Components “In doing so, we must decide what constitutes a major component – for this study we consider a part that would likely be sold by a manufacturer as a single unit, and not the parts that went into that unit further up the</p>	<p>http://www.apollochallenge.org/CA_JOBS_REPP.pdf</p>	<p>www.labormarketinfo.e-dd.ca.gov/contentpub/GreenDigest/Renewable-Energy-Demand-A-Case-Study-of-California.pdf</p>

		supply chain. For example, we consider the gearbox in a wind turbine as a wind, solar PV, geothermal, and biomass generation – we identified the most prevalent modern technology, and then identified the major components that go into each.”		
<i>State of Green Business 2008</i>	Greenbiz.com; Makower, Joel	None cited.	http://www.stateofgreenbusiness.com/	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/State-of-Green-Business-2008.pdf
<i>Strategic Possibilities Report Bay Region, Energy Efficiency Occupations At-A-Glance</i>	California Community College Center of Excellence	The green technology arena includes: alternative energy, transportation systems, and building with a focus on residential, commercial and industrial construction.	http://www.coeccc.net	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Strategic-Possibilities-in-Energy-Efficiency.pdf
<i>Taking the Low Road: How Independent Contracting at the Port of Oakland Endangers Public Health, Truck Drivers, & Economic Growth (California) September, 2007</i>	EBASE	None cited.	http://workinggeastbay.org/download/s/Coalition%20Port%20Trucking%20Report.pdf	www.labormarketinfo.eadd.ca.gov/contentpub/GreenDigest/Taking-the-Low-Road.pdf
<i>The New Apollo Program. Clean Energy, Good Jobs: An Economic Strategy for American Prosperity</i>	Apollo Alliance	None Cited.	http://www.apolloalliance.org/downloads/fullreportfinal.pdf	
<i>The Strategic Opportunity To</i>	Prepared for Los Angeles	Study’s definition of green jobs is borrowed	http://www.lattc.edu/dep	

<p><i>Build a Green Workforce In Los Angeles (Working Copy); February, 2008</i></p>	<p>Trade-Technical College Regional Economic Development Institute</p>	<p>from Pinderhughes: “green jobs’ can be viewed as skilled and professional jobs where specific training is provided to produce products and services that directly improve environmental quality.”</p>	<p>t/latticeacaaffairs/files/The_Strategic_Opportunity_To%20Build_GreenWorkforceinLA_Working_Copy%2002_08.doc</p>	
<p><i>Too Good to Be True? An Examination of Three Economic Assessments of California Climate Change Policy, Nov. 2007.</i></p>	<p>National Bureau of Economic Research; Working Paper No. 13587</p>	<p>None cited.</p>	<p>http://www.nber.org/papers/w13587</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/Too-Good-to-be-True.pdf.</p>
<p><i>Toward a Sustainable Energy Future (SERDA)</i></p>	<p>SERDA</p>	<p>None cited.</p>	<p>http://www.iea.org/textbase/nppdf/free/2000/future2001.pdf.</p>	
<p><i>U.S. to hold public meetings in California on solar power projects; June 10, 2008</i></p>	<p>Sacramento Business Journal</p>	<p>The use of solar energy, as an alternative energy source, which is emission-free and can be converted directly into useable electrical energy.</p>	<p>http://www.bizjournals.com/sacramento/stories/2008/06/09/daily35.html?feet76&ana=e_du</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/US-Hold-Public-Meetings.pdf</p>
<p><i>UNEP Background paper on Green Jobs; 2007</i></p>	<p>United Nations Environment Programme</p>	<p>“Green Jobs are defined as positions in agriculture, manufacturing, R&D, administrative, and service activities aimed at alleviating the myriad environmental threats faced by humanity. Specifically, jobs that help to protect and restore ecosystems and biodiversity, reduce energy consumption, decarbonizes the economy, and minimize</p>	<p>http://www.unep.org/labour_environment/PDFs/Green-Jobs-Background-paper-18-01-08.pdf</p>	<p>www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/UNEP-Background.pdf.</p>

		or altogether avoid the generation of all forms of waste and pollution. 'Green jobs' is a relative and highly dynamic concept—in other words there will be 'shades of green' in employment.”		
<i>What's Old is New: Green Jobs and What America's Federal Workforce Investment System Can Do Now to Develop a Green Workforce</i>	Robert T. Mejia, B.A., M.P.A	Green Job: A group of homogeneous tasks related by similarity of functions. When performed by an employee in an exchange for pay, a job consists of duties, responsibilities, and tasks that are (1) defined and specific, and (2) can be accomplished, quantified, measured, and rated. What is made or provided by the incumbent contributes to the reduction or elimination of greenhouse gases and/or other agents of environmental degradation (products/services). How a product or service is made or provided by the incumbent is environmentally sustainable (processes). The incumbent's work functions and outcomes are intended to be environmentally respectful and lead to value (purpose).	http://www.southbayresource.net/articles/whatsoldisnew.pdf .	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/WhatsOld-is-New.pdf .
<i>When Supply Does Not Meet Demand: Labour Gaps and Issues in Canada's Contaminated Sites Sector; 2008; 49 pp.</i>	ECO Canada (Environmental Careers Organization)	None cited.	http://www.eco.ca/pdf/contsites_rpt_08_en.pdf	www.labormarketinfo.eedd.ca.gov/contentpub/GreenDigest/When-Supply-Does-Not-Meet-Demand.pdf

<i>Working for a Sustainable Future; Forum of the Los Angeles Infrastructure and Sustainable Jobs Collaborative (slide presentation); 2007; 36 slides</i>	Burns and Flaming	None cited.	http://www.lattc.edu/department/lattc/acaaffairs/files/SustainableFutureEducatorForum.pps	
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