

Digest of Green Reports and Studies

Title	<i>Green Collar Jobs Demand Analysis for District of Columbia</i>
Author	NA
Organization	The Louis Berger Group, Inc., ESOP Advisors, Inc., and the Green Builders Council of DC/Momentum Analysis
Author Contact	NA
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Publication Date	September 2008
# of Pages	92 pp.
URL	http://planning.dc.gov/planning/frames.asp?doc=/planning/lib/planning/green_collar_jobs/dc_green_jobs_final_report.pdf
Summary	“Research was conducted to estimate the potential green collar job opportunities from District government green policies or laws (2009-2018). In addition, barriers, opportunities and best practices from around the country were identified.”
Key Findings	<ul style="list-style-type: none"> • “Tax incentives are not available for large energy producers for renewable energy production mandates.” • “Tax benefits are not being offered to green businesses to create green jobs.” • “There is not a large manufacturing foundation to develop upon.” • “DC has a sizeable printing and printing supply industry, but it is declining.” • “Buildings that are LEED-certified and Energy Star-rated have a higher value than conventional commercial buildings.” <p>Additional Key Findings can be found in the: Executive Summary pp. 3-4, and 9-12; Chapter 1 pp.26-28, 48-57, and 60-62; Chapter 2 pp. 68, 69, 72, 74, 76, 81-83, 85, 86; Chapter 3 pp. 89-91.</p>
Recommendations	<ul style="list-style-type: none"> • “Increase demand for environmentally preferable goods and services.” • “Fortify green business retention and attraction and measure performance.” • “Develop assistance for green business and clean tech at the start.” • “Attract green and clean tech industries.” • “Attract and grow green businesses.” <p>Additional Recommendations can be found in the: Executive Summary pp.3, 4, and 9-12; Chapter 2 pp.71, 73, 75, 79, 80, 84, 86; Chapter 3, pp. 91 and 92.</p>
Definition of “Green”	<p>“Green collar jobs” “as career-track employment opportunities in emerging environmental industries as well as conventional businesses and trades, created by a shift to more sustainable practices, materials, and performance. The definition includes both lower and higher skilled employment opportunities that minimize the carbon footprint of all necessary inputs and directly result in the restoration of the environment, the generation of clean energy and improved energy efficiency, the creation of high performing buildings, and the conservation of natural resources.”</p> <p>“Green”, “going green” or “green trend”: “The current national trend to seek more environmentally sustainable products, business practices, and standard operating procedures.”</p> <p>“Green jobs”, or “green collar jobs”: “Jobs created, across industries and skill levels, by a shift to more sustainable practices, materials, and performance.”</p> <p>“Green motivation”: “Using an interest in going green to encourage participation in a specific industry, or to cultivate soft skills.”</p> <p>“Greenwashing”: “The practice of a business misleading the public into believing it is more environmentally sustainable than it really is.”</p>
Methodology	Literature Research
Data Sources Cited	<ul style="list-style-type: none"> • District Department of Employment Services • 2005 American Community Survey Public Use Micro-data Sample Data. • User Guide for Current Green Collar Jobs Database. • www.energystar.gov • Methodology paper by O-Net on Job Zones at: http://online.onetcenter.org/help/online/zones. • Envisioning Opportunity: Three options for a community college in Washington, DC, May 2008. • LEED New Construction and Major Renovation Reference Guide. • Bureau of Labor. • Going Green: Strategies and Solutions to Serve the Federal Government (Jun 2008). • Bureau of Labor Statistics Occupational Outlook Handbook. <p>Additional Sources can be found in the footnotes at the bottom of each page and also throughout the text.</p>
Report	District of Columbia

Geography Green Occupations Cited	<ul style="list-style-type: none"> • Architects/Designers • Bicycle Repairmen, Selling and Renting • Boiler Contractors • Brick Masons and Block Masons • Building Operator/Building Technician • Carpenters – Helpers • Cement Masons and Concrete Finishers • Construction Laborers • Construction Managers • Consultants • Developers • Electricians (including Photovoltaic Panel Installers) • Energy Analyst • Energy Auditor • Energy Managers • Energy Star Portfolio Manager • Engineers • Environmental, Conservation and Wildlife Workers • Facilities Maintenance Personnel • First-line Supervisors/Managers of Construction Trades and Extraction Workers • General Contractors • Heating, Air Conditioning, and Refrigeration Mechanics and Installers • HVAC Technicians • Home Inspectors • Interior Designers • Landscaping and Grounds Keeping Workers • Loan Officers • Measurement and Verification Technician • Office Clerks, General – Bookkeeping, Accounting and Auditing Clerks • Operating Engineers and Construction Equipment Operators • Painters, Construction and Maintenance • Plumbers, Pipefitters and Steamfitters • Restaurant Workers • Real Estate Professionals • Roofers • Secretaries and Administrative Assistants • Service Contractors • Solar Contractors and Suppliers • Solar PV Installers • Solar Technician/Solar Electric Installers • Specialty Trades • Structural Iron and Steel Workers • Systems Technician • Truck Drivers, Heavy and Tractor-Trailer
Green Industries Cited	<ul style="list-style-type: none"> • Construction - Plumbing, Heating, Air Conditioning, and Electrical Construction • Architecture and Engineering • Federal Government Jobs • Service Sector • Energy • Water • Green Building • Woodworking • Green Space Food • Transportation • Non-Toxic Printing • Non-Toxic Cleaning • Waste Stream Diversion
Keywords	<p>Affirmative Procurement; Alternative fuels; Anacostia Demonstration Streetcar Project; Association of Energy Engineers; Bay Area Green Business Program; Bay Area's Green Program; Biobased Products; Best Practices; Cal EPA Department of Toxic Substances Control; California Residential Energy Conservation Ordinance (RECO); Carbon Monoxide (CO); Casey Trees Endowment Fund;</p>

	Center for Employment Opportunity (CEO); Certified Raters; Committee (the Committee) of the Association of Bay Area Governments; CO2 systems; Department of Defense Green Procurement Strategy; Department of the Environment; Department of Parks and Recreation; Department of Public Works; District Certified Business Enterprises; District's Green Building Act; Eco-Efficiencies Businesses; Energy Efficiency; Energy Efficient Mortgages ("EEM"); Energy Star Rated; Environmentalism; Environmental Protection Agency; Environmentally Preferable; Environmental Remediation; Fuel Efficiency; Gasification-Liquefaction Plant; Green Awareness Certification; Green Builders Council of DC; Green Collar Jobs; Green Companies; Green Consultants; Green Development Plan; Green Economic Zones; Green Economy; Green For All; Green Job; Green Restaurant Association; Green Retraining; Green Retrofits; The Green Roofs for Healthy Cities; Green Roof Initiative; Green Skills; Greenstreets; Greenwashing; Green Workforce; Greener Gardening Practices; Greener Waste Disposal; Hazardous Waste Management Facility Allocation; Hazwopper; Home Energy Rating System; Hybrid Cars; LEED; LEED-EB (LEED Certified Existing Buildings); Low Impact Development (LID) Program; Non-ozone depleting substances; Northern American Board of Certified Energy Practitioners (NABCEP); Oakland Green Jobs Corps; Particulate Matter (PM) filters; PV/Solar Thermal System Operations; Recovered material; Recycling Programs; Residential Energy Services Network (RESNET); Retrofits; Solar Energy Requirement; Solar Panels; Solar Trees; Streetscape Improvements; Stormwater; Sustainability; Sustainable Energy Utility; U.S. Green Building Council (USGBC); VOC's.
Legislation Cited	<ul style="list-style-type: none"> • Green Building Act of 2006. • Clean and Affordable Energy Act of 2008. • Proposed Photovoltaic "Solar Trees" Parking Lots Initiative. • Proposed Energy Audit Program Initiative. • Department of Transportation Transit Infrastructure Projects. • Waste Water and Water Treatment Infrastructure Projects. • Proposed Green Roof Program. • Green Jobs Act of 2007. • SB 1672 - Renewable Energy, Climate Change, Career Technical Education, and Clean Technology Job Creation Bond Act. • American Recovery and Reinvestment Act of 2009. • California Residential Energy Conservation Ordinance 1985 • Renewable Energy, Climate Change, Career Technical Education, and Clean Technology Job Creation Bond Act. • Renewable Portfolio Standard Act of 2004
Bibliography (Y/N)	N
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