

Digest of Green Reports and Studies

Title	Job Implications in Los Angeles' Green Building Sector
Author	Rosner, Sigalle, Master of Urban Planning
Organization	University of California, Los Angeles
Author Contact	N/A
Publication Type	Job Impact Study
Publication Date	May, 2006
# of Pages	31 pp.
URL	http://www.lewis.ucla.edu/publications/studentreports/GreenSectorPaperSRrosner0506.pdf
Summary	This 2006 report analyzes the job and social impact of Los Angeles' emerging green building sector upon low-income communities of color. Its goal is to determine what new skills are needed by potential workers in the green building industry, what kinds of jobs may these workers find, and what social impact these jobs may have on the lower-income neighborhoods of Los Angeles.
Key Findings	<ul style="list-style-type: none"> • "Public policy is the driving force behind green building and stimulating local development in the green building sector. Public policy support for green building is motivated by energy conservation, cost savings, and environmental concerns." • "A green building knowledge gap exists between the designers and architects who design the project and the contractors and sub-contractors who construct the project." • "New job opportunities in the green building industry include: LEED certifiers, commissioners and auditors; energy auditors; recyclers; and landscapers." • "Green building material manufacturing represents the most promising industry to stimulate local economic development across Los Angeles." • "The most effective way to connect people from low-income communities of color with green building jobs is through union apprenticeship and worker center training programs."
Recommendations	<ul style="list-style-type: none"> • "Implement a City (Los Angeles) policy to retrofit municipal building with energy efficient and green building elements." • "Develop and implement public policies supporting the green sector, including incentives, regulations, green building standards, and tax rebates and credits to attract and support green building businesses and green technology industries in Los Angeles." • "Apply or expand project labor agreements to appropriate green building projects." • "Develop a specialized Los Angeles LEED that includes priorities for social justice, economic development, and environmental considerations."
Definition of "Green"	Author uses the USGBC's definition of green building as design and construction that will "significantly reduce or eliminate the negative impact of buildings on the environment and on the building occupants. Green building design and construction practices address: sustainable site planning, safeguarding water and water efficiency, energy efficiency, conservation of materials and resources, and indoor environmental quality."
Methodology	Three case studies, literature research and interviews.
Data Sources Cited	N/A
Report Geography	City and County of Los Angeles
Green Occupations Cited	<ul style="list-style-type: none"> • LEED certifiers • LEED auditors • LEED commissioners • LEED agents • Energy auditors • Recyclers • Landscapers • Photovoltaic (PV) manufacturer • Photovoltaic (PV) installer • Environmental consuler • Fuel cell manufacturer • Thermostorage manufacturer • Thermostorage installer • Thermostorage maintainer • Thermostorage operator • Electricians • Carpenters

	<ul style="list-style-type: none"> • Pipeworkers • Plumbers
Green Industries Cited	<ul style="list-style-type: none"> • Green construction • Green building material manufacturing • Green energy • Green building architecture • Green building engineering • Sustainable transportation
Keywords	Construction; LEED; Los Angeles; solar.
Legislation Cited	Title 24 of CA Code of Regulations – California Building Standards Code (1978) CA SB 1 - Million Solar Roofs Bill (2006) 40 U.S.C.A. 276a to 276a-5 - Davis-Bacon Act (1931)
Bibliography (Y/N)	Y
Reviewer Name/Org	Michael Boucher/LMID

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