

Digest of Green Reports and Studies

Title	<i>Helping workforce training and education programs support green jobs growth in the Sacramento Region</i>
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Publication Type	Report – Results from Original Survey and Literature Research
Publication Date	June, 2009
# of Pages	31 pp.
URL	http://www.greencapitalalliance.org/docs/Green%20Jobs%20Training%20Report.pdf
Summary	This report analyzes the amount and types of clean energy companies in the Sacramento region, along with an inventory of clean energy training and education programs in the area. The comparison of the two, combined with feedback culled from interviews with 14 employers, leads to a gap analysis indentifying where training investment money could be best spent, namely, the energy efficiency and solar energy sectors.
Key Findings	<ul style="list-style-type: none"> • “Basic education and training is needed to provide a strong foundation for clean energy sector growth and expansion.” • “Career-specific education and training is needed to sustain locally-established parts of the clean energy sector.” • “Industry-specific education and training is needed to support clean energy businesses that are newly emerging and expanding in our region and/or other parts of the state.”
Recommendations	<ul style="list-style-type: none"> • General energy education and basic energy literacy curricula should be expanded, offered at more training and education venues, and combined with technical training. • Broader training coverage in the Sacramento region would significantly impact those clean energy sectors prevalent in the area, specifically the energy efficiency (energy auditors, HVAC technicians/installers, building control systems technicians, building performance/retrofit specialists, and compliance analysts) and solar energy (solar sales representatives, PV installers, and solar thermal installers) sectors. • The Sacramento region should be at the forefront of training opportunities for emerging clean industry sectors, such as water conservation, Smart Grid, alternative fuels and vehicles, wind energy, and biomass energy.
Definition of “Green”	N/A
Methodology	Interviews (14 employers) and literature research
Data Sources Cited	Centers of Excellence, Cleary & Kopicki, Collaborative Economics, Environmental Defense Fund, KEMA, Sacramento Business Journal
Report Geography	Sacramento area
Green Occupations Cited	<ul style="list-style-type: none"> • Building Controls Systems Technicians • Building Operators/Engineers • Building Performance/Retrofitting Specialists • Compliance Analysts/Energy Regulation Specialists • Construction/Design Project Managers • Energy Auditors/Home Energy Raters • HVAC Technicians/Installers • Installation Managers/Project Foremen • PV Installers • Resource Conservation/Energy Efficiency Managers • Solar Designers/Engineers • Solar Sales Representatives • Solar Thermal Installers • Wastewater Treatment Plant Operators
Green Industries Cited	<ul style="list-style-type: none"> • Biomass Energy • Clean Energy Solutions • Clean Fuels and Vehicles • Energy Efficiency • Green Manufacturing/Engineering • Research and Development • Smart Grid Technology • Solar Energy • Water Conservation

	<ul style="list-style-type: none">• Wind Energy
Keywords	Energy Efficiency; Sacramento; Solar.
Legislation Cited	American Recovery and Reinvestment Act (2009); CA AB 32 – Global Warming Solutions Act;
Bibliography (Y/N)	Y
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