California’s Green Economy

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Background

- Federal Green Jobs Act of 2007
- Began studying the green economy in 2008
- Research included:
  - Research papers & articles
  - LMI stakeholders
  - Business and industry organizations
  - Education researchers and faculty
  - Green Economy Survey
CA’s Green Definition

- Generating and storing renewable energy
- Recycling existing materials
- Energy efficient product manufacturing, distribution, construction, installation, and maintenance
- Education, compliance, and awareness
- Natural and sustainable product manufacturing
Survey Results

- 7.9 percent of businesses employ green workers
- 3.4 percent of CA’s wage and salary employment
- Almost 433,000 performed some green-related work
- 263,000 green workers spent 50 percent or more in green activities
Industries with Green Jobs

- Manufacturing: 88,810
- Construction: 61,300
- Professional, Scientific, and Technical Services: 41,820
- Wholesale Trade: 32,960
- Agriculture, Forestry, Fishing, and Hunting: 31,680
Green Share within Industries

- Utilities: 27.8%
- Mining, Quarrying, and Oil & Gas Extraction: 18.3%
- Construction: 11.0%
- Agriculture, Forestry, Fishing and Hunting: 8.8%
- Manufacturing: 8.6%
- Wholesale Trade: 5.6%
- Professional, Scientific, & Technical Serv.: 4.5%
- Other Services (except Public Admin.): 3.6%
- Admin. and Support and Waste Mgmt.: 3.4%
- Transportation and Warehousing: 3.3%
Prepare Workers for Green Jobs

<table>
<thead>
<tr>
<th>Training Method</th>
<th>Percent of Firms</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-the-job Training</td>
<td>78%</td>
</tr>
<tr>
<td>In-house Classroom Training</td>
<td>19%</td>
</tr>
<tr>
<td>Vendor Training</td>
<td>16%</td>
</tr>
<tr>
<td>Hire Only Workers Who Are Already Trained</td>
<td>12%</td>
</tr>
<tr>
<td>Other</td>
<td>9%</td>
</tr>
<tr>
<td>College Degree (AA/AS or Above)</td>
<td>7%</td>
</tr>
<tr>
<td>Apprenticeship Program</td>
<td>6%</td>
</tr>
<tr>
<td>Community College Course</td>
<td>4%</td>
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<tr>
<td>Vocational Training</td>
<td>4%</td>
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</tbody>
</table>
Thank You

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