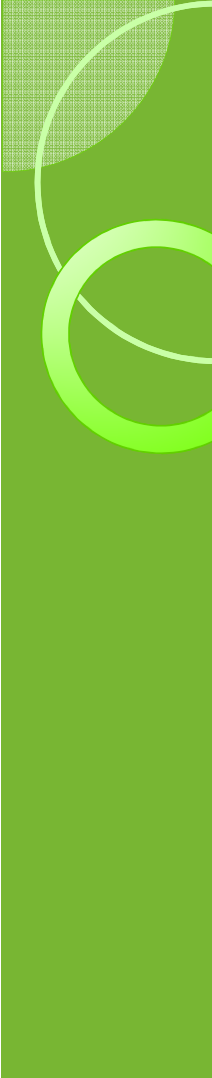




CAPCOA Climate Change Forum
Plenary Session 2 - August 31, 2010

*“ Growing California’s Clean Tech Center:
Workforce Training and Education Programs
Designed to Support Green Job Growth”*



“Regions that successfully and effectively align education and training to meet regional workforce needs will be successful.”

- Joel Kotkin, author, futurist, and Presidential Fellow in Urban Futures, Chapman University



How did we get here?

Regional economic development



5 Green Capital Alliance objectives:

- Support new clean energy technology businesses and entrepreneur development
- Attract and retain clean energy technology businesses
- Develop the regional market for clean energy technologies
- **Produce and retain the skilled people needed to support growth in the industry**
- Brand the region as a “hotspot” for Clean Energy Technology
 - **Intellect:** UC Davis, Sacramento State, Los Rios College District
 - **Influence:** Proximity and access to State Capital decision-makers
 - **Innovation:** SMUD, PG&E, Roseville Electric’s leadership plus we are a proven leader in regional planning and action



Ecosystem: Educators and Employers

- University of California
- California State University
- California Community Colleges
- University of California Extension
- California State University Continuing Education
- Private Higher Education
- Private Vocational Schools
- Primary and Secondary Education (K-12)





Ecosystem: Educators and Employers

- Adult Education
- Regional Occupational Centers
- Industry Associations
- Jointly-Sponsored Labor/Management Associations
- Employer-provided Training





CURRENT BEST PRACTICES

K-12 Academy Programs

- Project Lead the Way
 - Energy and the Environment
 - One of six 9-week units, part of Gateway to Technology middle school “sampler”
 - SMUD – sponsored grant from APPA
 - Implemented broadly 2010-2011
 - Roseville, Elk Grove, Folsom-Cordova and Twin Rivers School Districts





Elk Grove Unified School District

- Green Energy Technology Academy – Laguna Creek High School
- Green Architecture Design and Urban Planning – Cosumnes Oaks High School
- Green Renewable Energy Academy – Franklin High School



Los Rios Community College District

- **2008:** GreenForce Initiative to provide training in 12 different “green” focus areas

2010: Mission Statement: To provide training in 12 different “green” focus areas



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