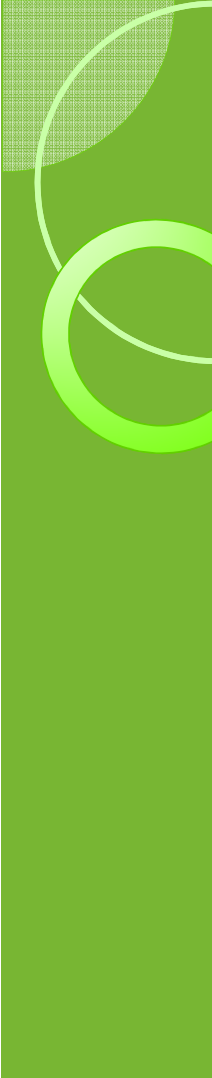




CAPCOA Climate Change Forum  
Plenary Session 2 - August 31, 2010

*“ 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:

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- 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

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- 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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