

Energy Commission Workforce Development Plans

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Advisor to Chairman Douglas
California Energy
Commission*

California Green Collar Jobs
Council

5/21/09

Sacramento, CA



California Energy Commission

Where We Are Going Today

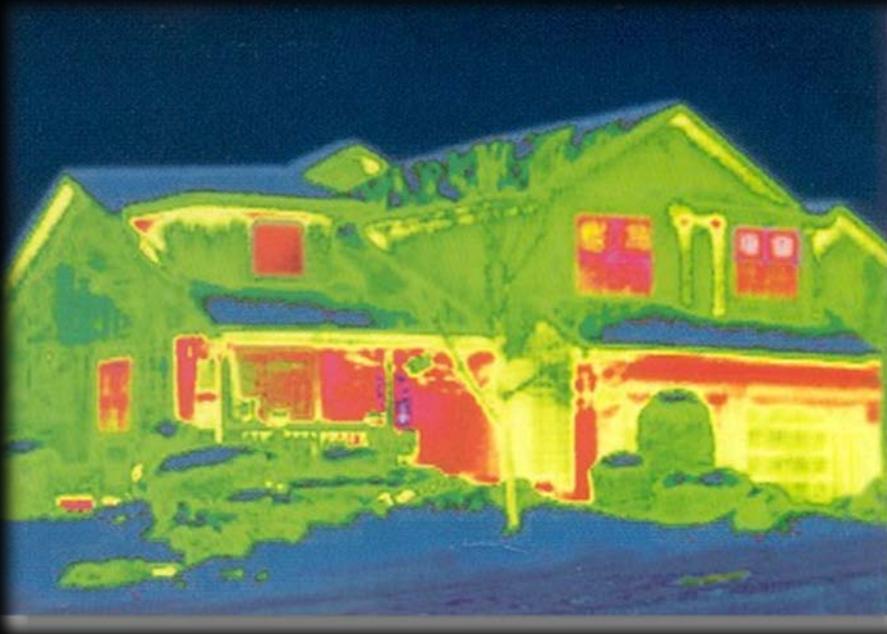
- Workforce
Drivers
- CEC
Partnerships



Climate Change



Energy Efficiency



Renewable Energy



Clean Vehicles



Alternative Fuels

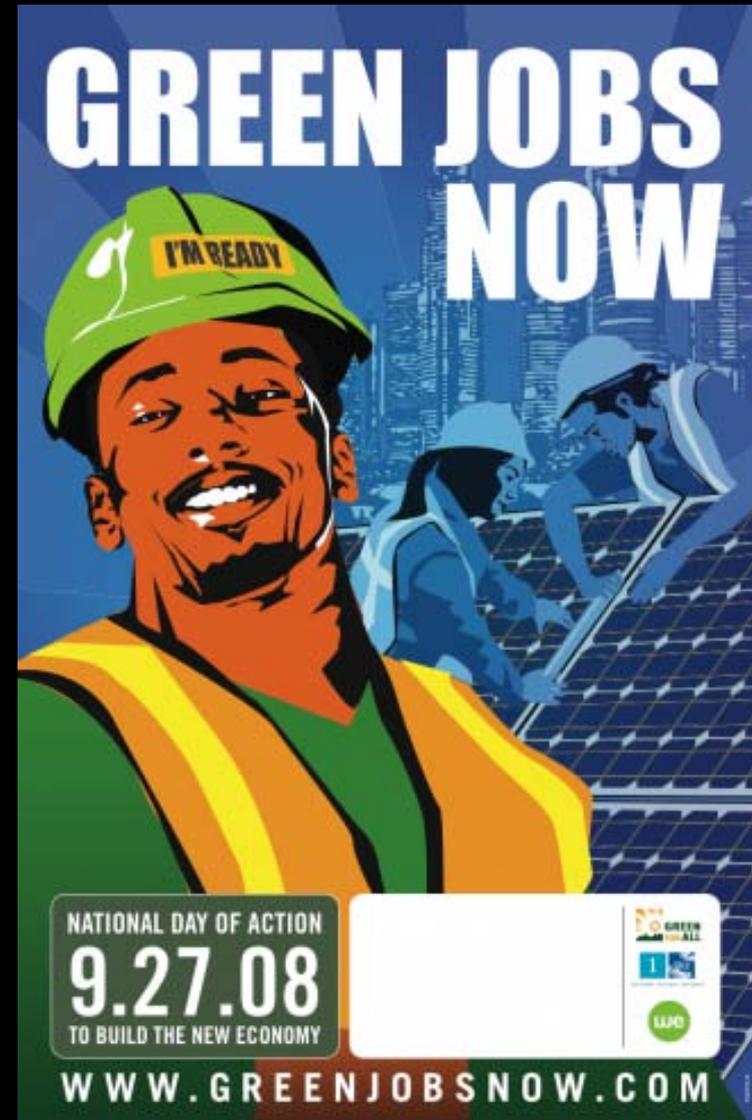


Water



CEC Workforce Development Activities and Plans

- Transportation
- Energy and Water Efficiency
- Distributed Renewable Energy
- Utility Scale Renewables
- \$47 Million in CEC Funding



CEC Workforce Development Program Principals

- Overarching
 - Partnership
 - Leverage
 - Administrative Ease
 - Long-term Program Sustainability
- ARRA Specific Principals
 - Rapid Deployment



Labor Market Information

Google: "green market info edd"

Research Preview, 2009
Green Industries & Jobs
in California

COE
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Inform. Connect. Advance.

ECONOMIC & WORKFORCE DEVELOPMENT

Inside:
Research Objectives
Defining the Green Economy
Green Occupations
Education and Training

Centers of Excellence
Economic and Workforce Development
California Community Colleges

The Centers of Excellence, in partnership with business and industry, deliver regional workforce research customized for community college program decision making and resource developers.
For additional information, visit the Centers of Excellence website at: www.coecc.net/green

EDD Employment Development Department

Home Unemployment Disability Jobs / Training Payroll Taxes Labor Market Info Forms/ Publications
Overview Career Information The Economy Data Library Customer Center Contact LMI

Understanding the "Green" Economy

Use these links to jump to a section of interest:
[Digest](#) | [Analyses](#) | [Conferences](#) | [Activities](#) | [Legislation](#) | [Resources](#)

What is a "Green" industry or occupation? There are many aspects of work that could be considered green, such as new materials, methods, products, and services. However, we do not yet have a common language capturing the broad and varied nature of green industries and jobs. Several states and many local organizations are working collaboratively to better understand and promote the effects of clean and green technology on our economy. The following is a collection of information from those efforts:

Digest of "Green" Reports and Studies:

To encourage the discussion on how green technology affects the workplace and economy, a consortium of local, state, and federal entities is currently reviewing "green" literature to create a "Digest of Green Reports and Studies". The Digest process, links to Digest forms, and a list of project participants is outlined below.

Index to the Digest (Updated: April 28, 2009)

As reports and studies are identified, they are added to the [Index to the Digest](#). A participant then reviews the report and prepares a brief summary including the report's contents, methodology, and author. Links to the summary and to the original study are then added to the Index.

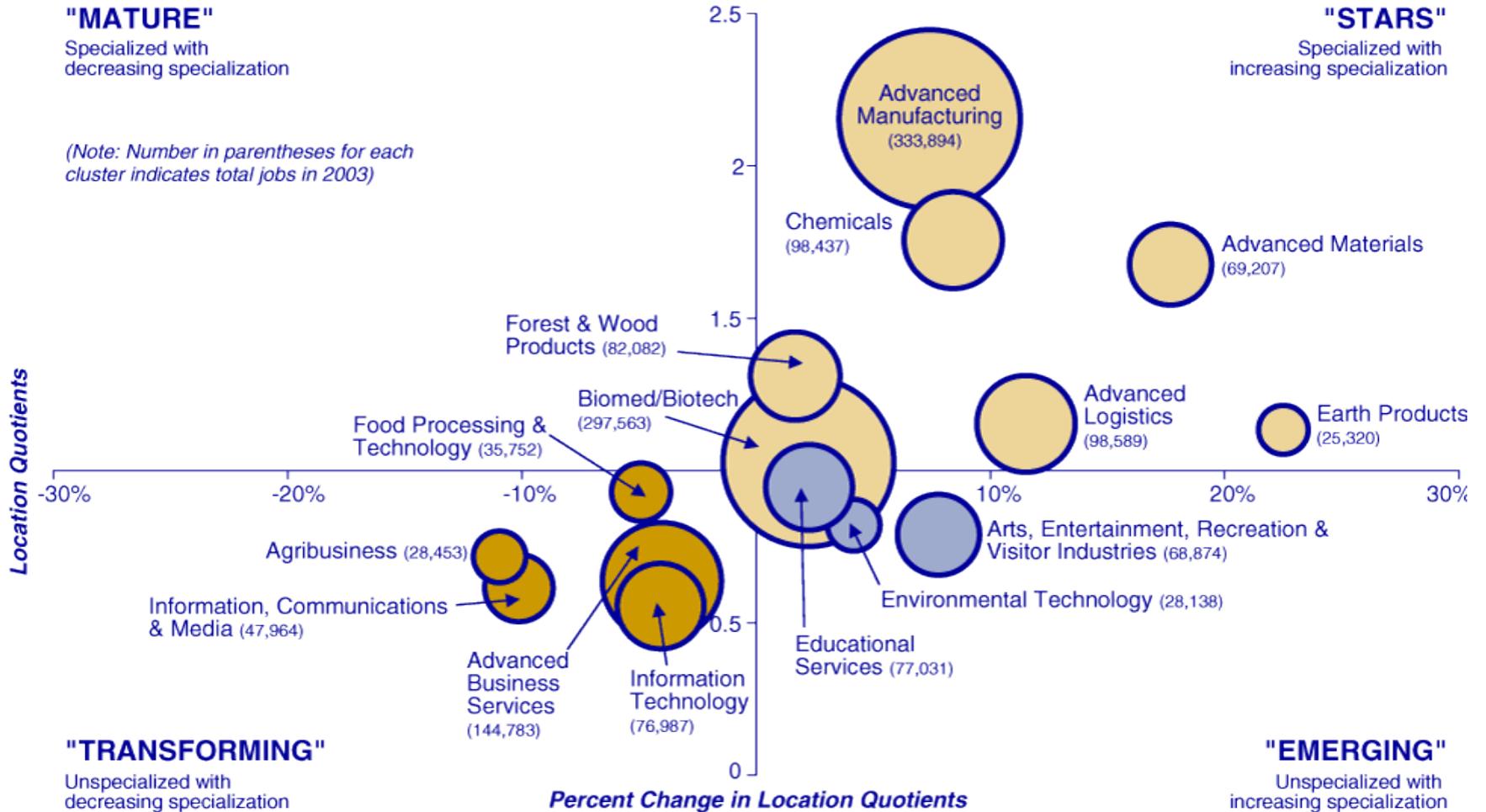
How to Contribute to the Digest

Do you know of a green study that should be added to the Green Digest Index? Would you be willing to review the report and prepare a brief summary for the Digest? If you would like to contribute to this project, contact Bonnie Graybill via e-mail at Bonnie.Graybill@edd.ca.gov or by phone at (916) 262-2160.

To submit a report summary for the Digest of Green Reports and Studies, complete the [Green Digest Index Form](#) (MS Word format). Send the form to Bonnie.Graybill@edd.ca.gov.

<http://www.coecc.net/green/>

Regional Industry Cluster Plans



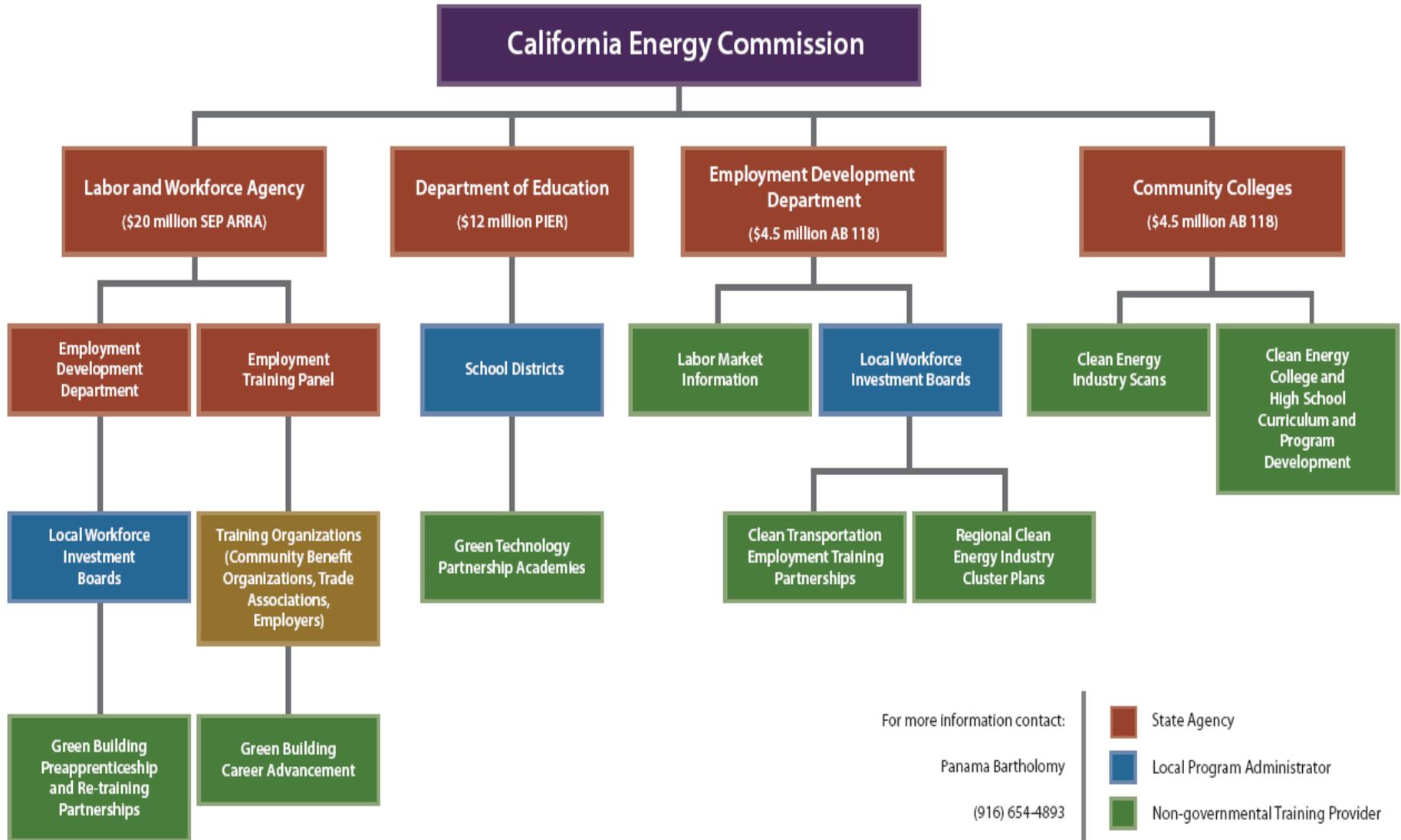
Training Program Development and Delivery

- **Green Building Pre-apprenticeship Training**
- **Green Building Training for Displaced and Incumbent Construction Workers**
- **Clean Transportation Employment Training**
- **Greening the Classroom**



CLEAN ENERGY WORKFORCE TRAINING PARTNERSHIP

5/10/2009



For more information contact:

Panama Bartholomy

(916) 654-4893

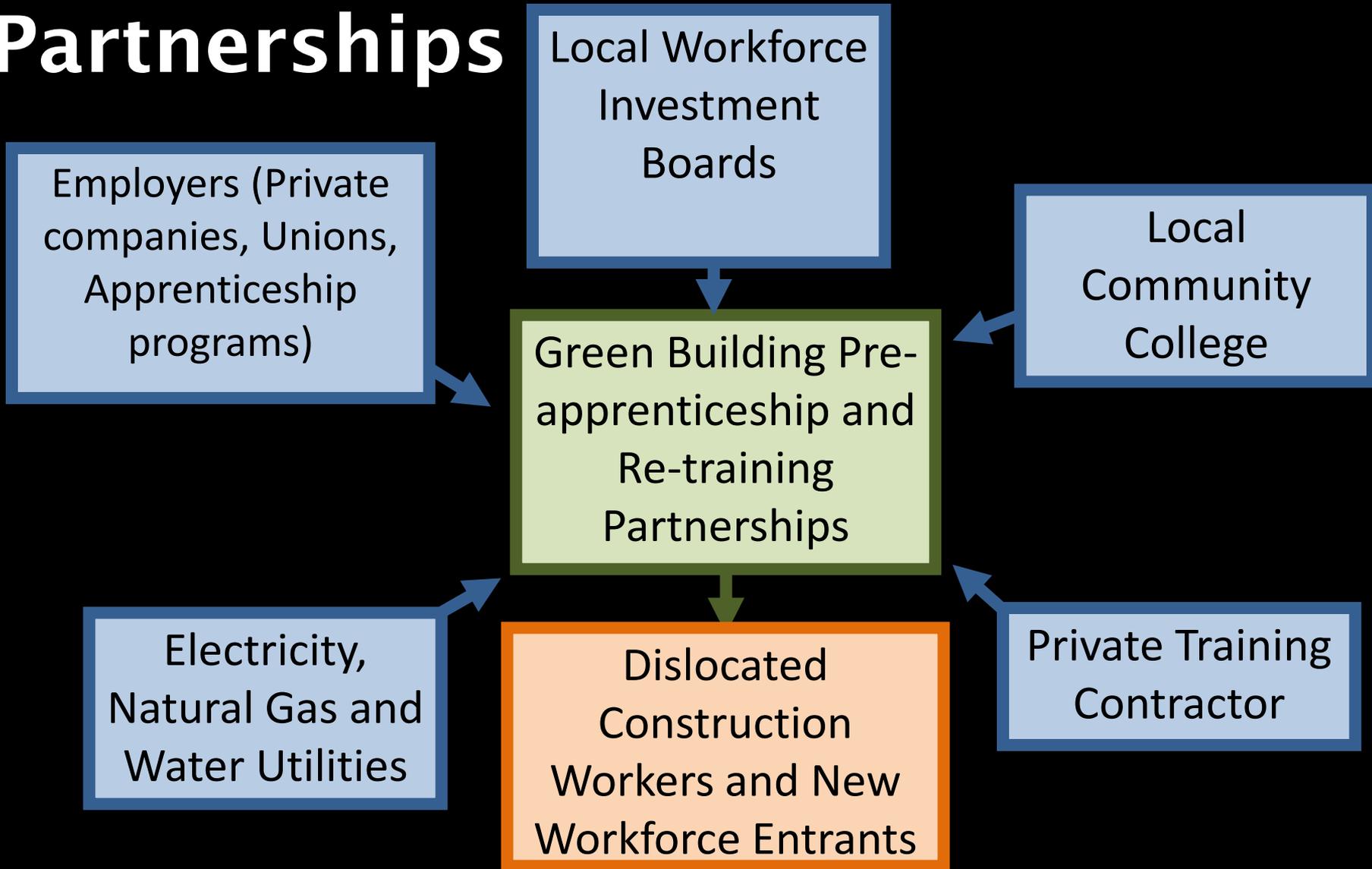
pbarthol@energy.state.ca.us

-  State Agency
-  Local Program Administrator
-  Non-governmental Training Provider
-  Final Product

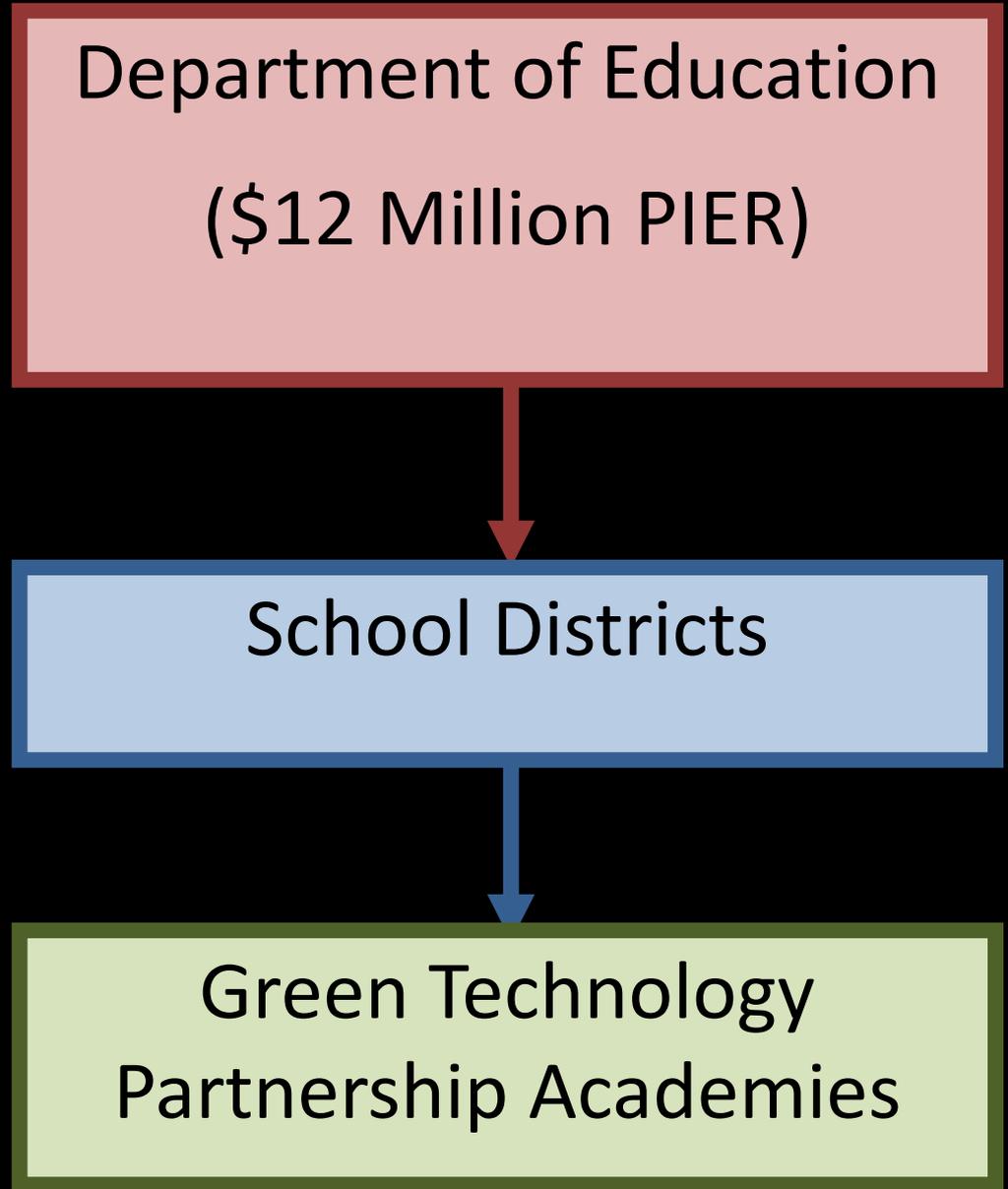
CEC-LWDA ARRA Green Building Inter-agency Agreement



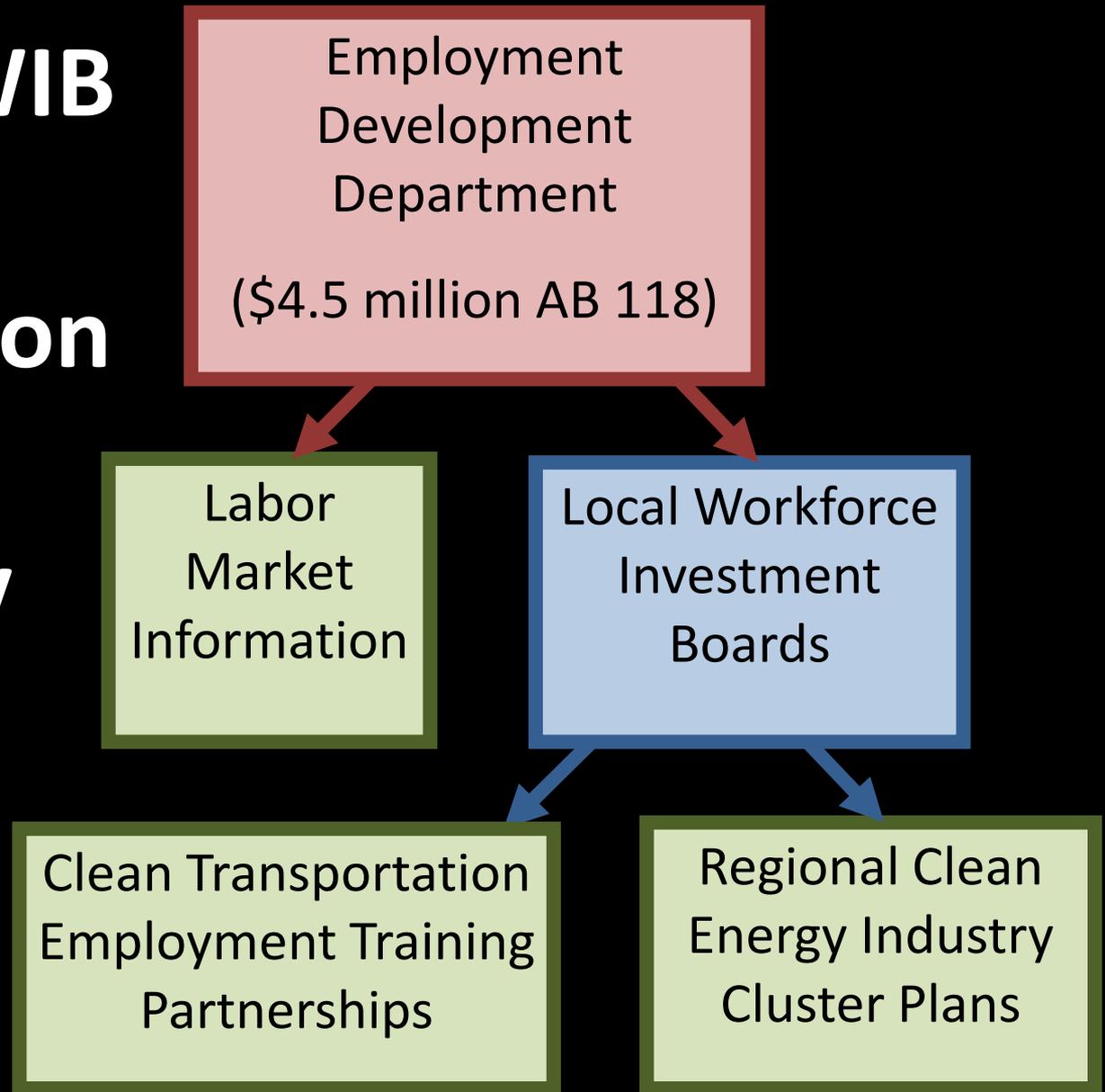
Green Building Pre-apprenticeship and Retraining Partnerships



**CEC-CDE
Green
Technology
Partnership
Academy
Agreement**



CEC-EDD-CWIB Clean Transportation and Energy Inter-agency Agreement



**CEC-CCCCO
Clean
Transportation
and Energy
Inter-agency
Agreement**

Community Colleges
(\$4.5 million AB 118)

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graph TD; A[Community Colleges ($4.5 million AB 118)] --> B[Clean Transportation Industry Scans]; A --> C[Clean Energy College and High School Curriculum and Program Development];
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Clean
Transportation
Industry Scans

Clean Energy
College and High
School
Curriculum and
Program
Development

Next Steps

- Energy Commission:
 - Work with partners to develop programs through Fall
 - EDD and CCCCO Inter-agency agreements approved in May/June
 - Public events June/July 2009
 - Program roll-out August/September 2009

Summation

- CEC is making large investment in workforce
- Energy and water efficiency, clean transportation, and renewable energy will receive focus
- Partnerships and leverage are key principals
- Green Collar Jobs Council key to program success
- CEC is looking for additional partners



Thank You!

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