

## **Sacramento Employment & Training Agency/Sacramento Works**

### **Clean Energy Workforce Training Initiatives**



## **Coordinating Three CEWTP Initiatives**

1. Pre-Apprenticeship - Green Building
2. Retraining – Green Building Retraining
3. Alternative and Renewable Fuel and Vehicle Technology Workforce Development Partnerships



## **Collaborative Partners**

### **➤ Green Capital Alliance**

- Valley Vision
- Green Sector Employers
- Workforce, Education, and Economic Development Entities

### **➤ SMUD's Energy and Technology Center**

### **➤ PG&E Power Pathways Program**

### **➤ Champions**

- Congresswoman Doris Matsui
- Mayor Kevin Johnson

## **Training Partners**

### **Contracts have been executed with:**

- Los Rios Community College District
- Sacramento Area Electrical Training Center
- CBPCA
- Build it Green
- Green Plumbers
- CalCERTS

## Green Careers Exploration

- Introduction to and terminology used in Green Careers
- Curriculum developed by Los Rios Community College instructors
- Green Career pathways – training requirements, local outlook and employment opportunities, assessment tools
- Provided to over 300 customers throughout SWCC system

## Pre-Apprenticeship Green Building

### Introduction to Green Construction Career Pathways

- Hands-on activities and classroom training
- Three venues:
  - Green Building Pre-Apprenticeship – American River College
  - Weatherization & Home Energy Audits Cosumnes River College
  - Electrician Pre-Apprenticeship – Sacramento Area Electrical Training Center



•Enrolled 94 as of 6/30/2010 (Goal is 230)

## Green Building Retraining

- Opportunities in green construction career pathways for skilled construction workers
- Journey-level upgrade skills training in Carpentry, Electrical, and Sheet Metal programs
- Scholarships resulting in certifications, including
  - Certified Green Building Professional Certification
  - Home Energy Raters Certification
  - Building Analyst Professional Certification
  - Green Plumbers

## Green Building Retraining

- Photovoltaic/Solar Installer Certification
- Advanced High Efficiency Lighting Controls Certification

**Enrolled 72 as of June 30, 2010 (Goal is 200)**



### **Alternative and Renewable Fuel and Vehicle Technology Workforce Development Partnerships**

- Industry training for incumbent workers to work with alternative vehicles, fuel systems, diagnostic tools, and technical software
- Entry level training for unemployed and under-employed in Alternative Fuel and Vehicles
- Employer Partners – Operating Engineers  
Pacific Gas & Electric, Sacramento Municipal  
Utility District, Regional Transit



### **Alternative and Renewable Fuel & Vehicle Technology Workforce Development Partnerships**



- Funded by both AB118 and WIA
- Industry Training – SMUD, RT, OE3
- PG&E - Bridge to Utility Maintenance
- Clean/Green Diesel Certification
- Alternative Vehicles and Fuels Certification

**Enrolled 66 as of June 30, 2010  
(Goal is 146)**

## **Green Capital Alliance (Green Employer Council)**

- Facilitate Clean Energy/GreenWise Planning and implementation
- Facilitate a “Green Jobs Training Curriculum Workgroup”
- Host four roundtable luncheons with 35+ CEO’s/owners of local clean energy companies
- Green Careers Guide, a website of green career information and interactive versions of the clean energy workforce training programs in the region. [www.greencapitalalliance.org/greencareers.htm](http://www.greencapitalalliance.org/greencareers.htm).
- Establish a green building task force



## **Employer Support – Committed to Hiring Program Graduates**

- Beutler Heating and Air
- Solar Power, Inc.
- Sierra Pacific Home & Comfort
- SMUD Contractors
- Zeta Communities
- Community Resource Project
- OPDE
- SMA America
- NSolar
- Velocity Energy Partners
- PG&E
- E3 NorCal
- Capital Energy Consultants

