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# Clean Energy Workforce Training Program

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## Overview

- Program development
- Innovative partnerships
- Funding sources
- Target populations
- Program description

## Program Development

- Public workshops and stakeholder input
- Coordination and partnerships with traditional labor agencies

## Partnerships

- Employment Development Department
- Employment Training Panel
- California Workforce Investment Board
- Green Collar Jobs Council
- Community Colleges
- Local Workforce Investment Boards
- Area employers
- Labor unions
- Trade organizations
- Community organizations

## Funding Sources

- American Recovery and Reinvestment Act (ARRA) from the State Energy Program
- Workforce Investment Act, Governor's Discretionary 15 percent funds
- Assembly Bill 118 Alternative and Renewable Fuel and Vehicle Technology Program
- Public-private partnership matching funds

## Program Overview

- Training and education
- Labor market information development
- Regional clean energy industry cluster planning and implementation

## Target Populations

- Unemployed and underemployed workers, with a focus on construction workers
- New workforce entrants
- Automotive industry workers
- Incumbent workers
- Hard-to-reach populations

## Training Programs

- 42 training grants awarded
  - 28 green building and clean energy partnerships
  - 6 clean transportation programs
  - 14 green building and clean energy programs



# Training and Education

- Energy and water efficiency
- Renewable energy, distributed generation and utility scale
- Renewable and alternative fuel and vehicle technology



## Training Program Funding Sources

- Unemployed, underemployed and new workforce entrants
  - ARRA/SEP \$15 million
  - WIA \$10 million
- Incumbent workers and new workforce entrants
  - ARRA/SEP \$ 5 million
- Up-skill training (all workers)
  - AB 118 \$9.2 million

## Water and Energy Efficiency Training

- Energy efficient retrofits/  
green building
- Building auditing  
Green plumbing
- HVAC installation
- Lighting control  
systems



## Distributed Generation and Utility-Scale Training

- Utility-scale thermal solar
- Rooftop photovoltaic system installation
- Wind turbine operations and maintenance
- Electrical distribution/line worker



## Alternative and Renewable Fuel and Vehicle Technology

- Alternative and renewable fuel and fuel feedstock production
- Alternative and renewable fuel storage and transport
- Low-emissions automotive computer systems
- Mass transit fleet conversion, servicing, and maintenance



A well-trained workforce is critical to

- attracting clean energy sector investment
- advancing policies for a clean energy future
- building a clean energy economy

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