



CALIFORNIA ENERGY COMMISSION

IEPR Committee Workshop

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**Alternative and Renewable Fuel and Vehicle Technology
Program**

Workforce Development and Training Efforts

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The AB 118 Program

Utilize approximately \$100 million per year to fund projects related to:

- Development, production, manufacture, and deployment of alternative and renewable fuels, advanced vehicles, and vehicle efficiency
- Environmental, market and technology assessments
- Establish sustainability goals
- Workforce development and training
- Outreach and Marketing





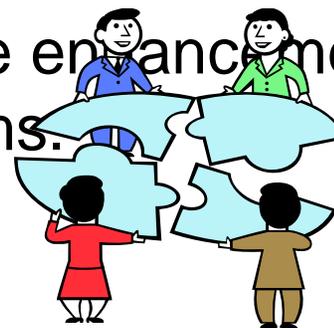
Workforce Development and AB 118

Workforce development and training plays a critical role in the success of California's climate change efforts.



- All workforce training projects must be related to alternative fuels and low-emission vehicles and consistent with the Program's Investment Plan

- Efforts to date have focused on the enhancement of existing workforce training programs.





First Year Activities

Workforce training allocation of \$15 million resulted in interagency agreements with the State's leading workforce and training agencies:

- Employment Development Department (EDD)
- Employment Training Panel
- California Community Colleges Chancellors Office (CCCCO)

Partner agencies have awarded over \$4 million in program funds and attracted \$8 million in match funds.





Informing Workforce Investment

- **AB 118-funded research on transportation workforce needs:**
 - Green Jobs Survey - EDD/LMID
 - Targeted Industry Assessment - CCCCO
 - Environmental Scan - CCCCO
 - Regional Industry Clusters of Opportunity - CWIB





Local Training Delivery

- **Imperial County** – Biofuel Production
- **Long Beach** – LNG/CNG, Hybrid Technology
- **Richmond** – Hybrid Electric & Alternative Fuels
- **Sacramento** – CNG, Hybrid and Electric
- **San Francisco** – Hybrid, Plug-in, and Battery Electric Vehicles
- **Los Angeles** – Alternative Fuels, Transit Vehicle Conversions, Electric Battery Techno





Sampling of Participating Employers

- Toyota
- General Motors
- Los Angeles Metro Transit Authority
- Long Beach Transit
- AC Transit
- Orange County Transit
- SMUD
- PG&E
- SunEco Energy
- Port-Long Beach
- CMTA
- EVI
- International
- Terex Utilities





Industry Clusters

Green Transportation Industry Cluster
Assessments underway in the following locations:

- San Bernardino
- 11 Northern California Counties
- Long Beach
- Santa Barbara





Highlights



- Partnered with the California Green Jobs Cour and lead workforce agencies in one of nation's largest state-led workforce development and training program (CEWTP).
- Reaching over 1000 trainees (projects funded to date)
- Information network established to support immediate workforce delivery, inform future workforce investment, and communicate funding opportunities.





Near-Term Products

- Industry assessment targeting fleet managers, fuel vendors and fleet maintenance and service – July 2010
- Analysis of clean transportation responses to EDD/LMID Green Jo Survey - July 2010
- Additional targeted solicitations to be released for workforce training and Regional Industry Clusters Fall 2010





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