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**IEPR Committee Workshop**

July 21, 2010

**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





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## 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.



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## 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.**





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## Informing Workforce Investment

- **AB 118-funded research on transportation workforce needs:**

- Green Jobs Survey - EDD/LMID
- Targeted Industry Assessment - CCCCCO
- Environmental Scan - CCCCCO
- Regional Industry Clusters of Opportunity - CWIB



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## 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 Technology



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### 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



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### Industry Clusters

Green Transportation Industry Cluster Assessments underway in the following locations:

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



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## Highlights



- Partnered with the California Green Jobs Council 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.



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## 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 Jobs Survey - July 2010
- Additional targeted solicitations to be released for workforce training and Regional Industry Clusters Fall 2010



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