

Clean Transportation Program: Status of Equity and Workforce Initiatives

Disadvantaged Communities Advisory Committee Meeting
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Advisory Committee for the Investment Plan of the Clean Transportation Program

- DACAG Recommendation: Consider the composition of the Advisory Committee
- New Advisory Committee members are now seated
- Draft Investment Plan for the Clean Transportation Program FY 2020-2021 will be posted to the docket

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ALT-01>

- March 3, 2020 Advisory Committee Meeting



SB 350 Outreach Strategic Roadmap

- 2018: Barriers Report
- December 2019: Outreach Roadmap
- Identifies strategies to coordinate clean transportation outreach and improve community engagement
- Five strategies:
 - Outreach Landscape Assessment
 - Strengthen, Build and Maintain Partnerships
 - Engage Priority Populations to Identify Outreach and Transportation Needs
 - Develop Consistent Outreach Messaging & Materials
 - Measure Outreach Efficacy
- Implementation Plan



Scoring Criteria for Projects Within or Benefitting Priority Populations

- Total of 54 Clean Transportation Program solicitations issued since 2008.
- Scoring criteria has evolved from public feedback, solicitation debriefs, state policies, and lessons learned
- Potential metrics for screening, scoring, or “set asides”
 - Project partners
 - Location-based (e.g. DAC; low-income)
 - Economic benefits
 - Local AQ benefits





Clean Transportation IDEAL Grants

Concepts

- \$200,000 available; \$50,000/project
- Community-based clean transportation planning; ZEV and EVSE identification; workforce training and pathways
- Meetings with community groups, small businesses, clean transportation supply chain companies, workforce entities
- Coordination with CEC Public Advisor's Office
- SB 350 Outreach Strategic Roadmap Implementation Plan
- Conduct public workshops
- Solicitation release Q3 2020



Past Clean Transportation Program Workforce Projects

Workforce Training and Development Funding
(FY 2008-09 through FY 2015-16)

Agency	CEC Funding (M)	Match Contributions (M)	Total (M)
Employment Development Department	\$8.2	\$7.5	\$15.7
Community Colleges	\$5.5	N/A	\$5.5
Workforce Development Board	\$0.25	\$0.5	\$0.5
Community Colleges	\$0.25	\$0.5	\$0.75
Employment Training Panel	\$13.5	\$10.8	\$24.3
Advanced Transportation Technology and Energy	\$2.0	N/A	\$2.0
TOTAL	\$29.7	\$19.3	\$49.0





Current Clean Transportation Program Workforce Projects

- **Clean Transportation Training Project (\$1.4M)**
 - Develop ZEV curricula to community colleges that serve student from equity communities
- **Clean Fuels Transportation Pilot Career Opportunity Project (\$2.0M)**
 - Develop ZEV curricula (“Auto 3) in Title I schools; build Switch EVs
- **Electric School Bus Training Project (\$1.0M)**
 - Training for maintenance and bus operators
- **Sustainable Freight Foundations Certificate (\$0.175M)**
 - CA Sustainable Freight Action Plan; pilot training for freight and logistics certification



EV Adopters: Nogales HS





Clean Transportation Workforce: What's Next?

- **Workforce Training Delivery Mechanisms**
- **ARB Clean Transportation Regulations**
 - Innovative Clean Transit
 - Advanced Clean Trucks
 - Ships-at-Berth
 - Forklifts
 - Advanced Clean Trucks
 - Transportation Refrigeration Units
 - Cargo Handling Equipment
 - Airport Shuttle
- **Analysis of Workforce Gaps**
- **California Conservation Corps**
 - Proposition 39 follow-up; Energy Corps for EVSE Curricula
- **Mobilize CA Summit 2020: The Future of Clean Transportation**
 - Fleet modernization, technician training, industry/workforce collaboration
 - www.mobilizesummit.com
- **Reviewing Clean Transportation Supply Chain and Sectors**
 - Innovation > Tech Development > Pre-Commercial > Commercial Mature