

<b>DOCKETED</b>	
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<b>Project Title:</b>	Recovery and Reinvestment Initiative
<b>TN #:</b>	237415
<b>Document Title:</b>	Presentation - Staff Workshop - CEC Recovery and Reinvestment Initiative - 4-12-2021
<b>Description:</b>	N/A
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# **Pre-Solicitation Workshop for the CEC Recovery and Reinvestment Initiative**

Fuels and Transportation Division  
Monday, April 12, 2021 | 10:00 A.M.



# Workshop Agenda

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- 10:00 Welcome and Housekeeping
- 10:05 Context on Recovery and Reinvestment Initiative
- 10:15 Presentation on Workforce Training and Development (Larry Rillera)
- 10:40 Discussion with Stakeholders on other priorities and ideas for the Recovery and Reinvestment Initiative

## **Staff Present for Discussion**

- Charles Smith
- Larry Rillera
- Tami Haas
- Quentin Gee
- Ben De Alba

- 11:40 Final Remarks and Closing



# Housekeeping

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- This workshop is being recorded.
- Workshop event webpage  
<https://www.energy.ca.gov/event/workshop/2021-04/pre-solicitation-workshop-cec-recovery-and-reinvestment-initiative>
- Virtual participation will be possible via Zoom or telephone during the discussion period
- Written comments to Docket # 21-TRAN-02  
<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=21-TRAN-02>  
**Deadline: Friday, April 23, 2021 by 5:00 P.M.**
- Public docket record of reports, written comments, and other documents  
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-TRAN-02>





# Commitment to Diversity

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The CEC adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this comment, CEC staff conducts outreach efforts and activities to achieve the following:

- Engage with disadvantaged and underrepresented groups throughout the state
- Notify potential new applicants about the CEC's funding opportunities
- Assist applicants in understanding how to apply for funding from the CEC's programs
- Survey participants to measure progress in diversity outreach efforts



# Diversity Survey



Scan the code on a phone or tablet with a QR reader to access the survey.

## One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or tablet to access the survey.

The survey closes at the end of the day.

Thank you!

Survey Link

<https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTtM62GzakaZNpqZZWvHJ6aZUNk5aWUFaQks3T1pZM0hDNjJISVpWT0pYTi4u>



# Clean Transportation Program

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- Formerly known as the Alternative and Renewable Fuel & Vehicle Technology Program
- Established in 2007 by Assembly Bill 118 (2007)
- Extended to January 1, 2024 by Assembly Bill 8 (2013)
- Provides approximately \$95 million of funding per year through 2023
- Investment Plan determines funding allocations across various categories



# Purpose of the Clean Transportation Program

- Provides funds for projects at various stages of development
  - “...to develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.”***
  - Greenhouse gas reductions
- Other benefits analyzed
  - Air quality improvements
  - Investments in low-income and disadvantaged communities
  - Benefits and costs
  - Petroleum displacement
  - Advancing technologies in the market





# CEC Recovery and Reinvestment Initiative

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- The 2020-2023 Clean Transportation Program Investment Plan
  - Adopted November 2020
  - \$10 million budgeted for “Recovery and Reinvestment” to address needs and resiliency measures for the COVID-19 response
- Additional Guiding Principles of the initiative
  - Speed of deployment
  - Equity (communities most impacted by the COVID-19 crisis)
  - Job creation
  - Economic development



# Potential Priorities

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- Potential priorities for shovel-ready ZEV charging infrastructure
  - Open to broad scope of vehicle types, locations, and approaches to charging infrastructure
  - Support integration with grid and renewable resources
  - Leverage private capital
  - Complement other state incentives
  - Attract federal funding (if it aligns with timing)
- Are there similar opportunities among other project types?



# Recovery and Reinvestment: Workforce Training and Development

April 12, 2021

Larry Rillera, Air Pollution Specialist  
Fuels and Transportation Division





# Workforce Investments

Agency	CEC Funding (M)
Employment Training Panel	\$13.50
Employment Development Department	\$8.20
CA Community College Chancellor's Office	\$5.50
Workforce Development Board	\$0.25
CA Community College Chancellor's Office	\$0.25
Sustainable Freight Workforce Certificate Pilot Project	\$0.18
Advanced Transportation and Logistics (Community Colleges)	\$8.30
<i>ZEV College Training Enhancement Program</i>	
<i>ZEV High School Pilot Project*</i>	
<i>ZEV College Equity Training Project**</i>	
<i>Electric School Bus Training Project</i>	
<b>TOTAL</b>	<b>\$36.18</b>

\*\$1.5 million approved at a CEC Business Meeting but agreement is not yet executed.

\*\*100% investment in community colleges located in disadvantaged communities.



# 34 ZEV RELATED MANUFACTURERS

in California designing and building cars, buses, motorcycles and trucks.

- TESLA
- BYD
- PROTERRA
- ZERO
- MOTIV
- LUCID
- KARMA AUTOMOTIVE
- EL DORADO NATIONAL CALIFORNIA
- FARADAY FUTURE
- PHOENIX MOTORCARS
- XOS
- GREENPOWER MOTOR CO.
- GILLIG
- ADOMANI







# EV Charger Installation Workforce

## Project Milestone Activities

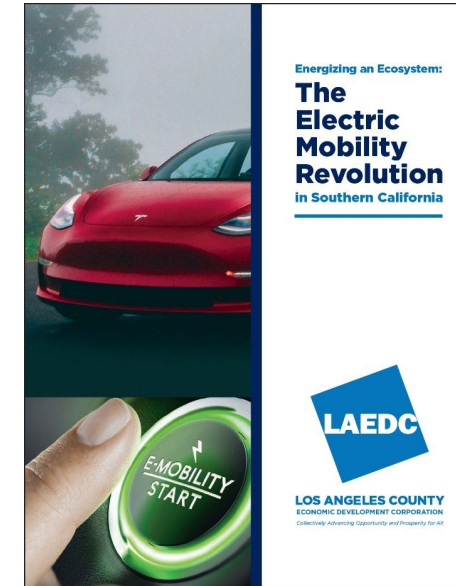


## Key Occupations

Private Engineer	Municipal Engineer	Project Contractor	Construction Apprentice	Electrician	Electrician Apprentice
Technician	Environmental Planner	Land Use Planner	Building Code Enforcement	Utility Engineer	Inspector



# JOBS!



## CALSTART'S California ZEV Jobs Study

California's 10+ years of public investment in zero-emission vehicle technologies has built a major home-grown industry in the state and created thriving small-businesses, demonstrated by CALSTART's recent study, which shows that the zero-emission vehicle (ZEV) industry has already created nearly 70,000 jobs in California. The study concludes that California also likely leads the nation in the total number of "green" vehicle technology companies, many of them small businesses. The study began with a ground-up, location-specific approach that set out to capture a verifiable metric for the impact that ZEV manufacturing has on the California economy. CALSTART hopes that this study helps policymakers better understand the benefits of our public ZEV incentive investments to the California economy.





# Discussion

## Recovery and Reinvestment Initiative Features

- \$10 million for recovery and reinvestment in clean transportation
- Guiding Principles
  - Speed of implementation
  - Equity (most impacted individuals and communities)
  - Job Creation
  - Economic Development

## Zoom Participants

Use the “raise hand” feature to make verbal comments

Use the Q&A feature to type in your question

## Telephone Participants:

Dial \*9 to raise your hand

Dial \*6 to mute/unmute your phone line

## Discussion Questions for Consideration

1. Are these the right guiding principles?
2. What project features work best to leverage private or other funds?
3. What aspects should CEC consider when evaluating “most impacted individuals and communities” from COVID-19?
4. What key barriers are there to rapid project implementation?
5. Which technologies are most able to roll out rapidly?
6. What metrics should be tracked to best measure success for a project?

**Public questions and comments will be limited to 3 minutes per speaker. Organizations with multiple attendees should limit total comments to 3 minutes**



# Thank You!

## Submit Comments to Docket 21-TRAN-02

### Electronic Commenting System

Visit the comment page for this docket at:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-ALT-01>

### Comment by E-mail

E-mail: [docket@energy.ca.gov](mailto:docket@energy.ca.gov)

Subject Line: "21-TRAN-02 Recovery and Reinvestment Initiative"

**Deadline for Written Comments: Friday, April 23, 2021 by 5:00 P.M.**