

DOCKETED

Docket Number:	20-ALT-01
Project Title:	Clean Transportation Workforce and Equity
TN #:	236915
Document Title:	Presentation - Pre-Solicitation Workshop - IDEAL ZEV Workforce Pilot - 2-26-2021
Description:	N/A
Filer:	Spencer Kelley
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	2/26/2021 8:20:45 AM
Docketed Date:	2/26/2021



Pre-Solicitation Workshop

Draft IDEAL ZEV Workforce Pilot: Training, Employment, and Recovery

California Energy Commission and California Air Resources Board
February 26, 2021 | 9:00 am



Housekeeping

- Workshop is being recorded and will be made available on the Event Webpage.
- Workshop Event Webpage:
<https://www.energy.ca.gov/event/workshop/2021-02/draft-pre-solicitation-workshop-ideal-zev-workforce-pilot-training>
- Virtual Participation through Zoom
 - Raise Hand or Q&A feature
 - Telephone participants dial *9 to raise your hand
- Written Comments to Docket 20-ALT-01; Subject line: "IDEAL ZEV Workforce"
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-ALT-01>
Deadline: Friday, March 5, 2021 by 5:00 PM



Workshop Agenda

- Welcome and Introductions
- Background
 - CEC: Clean Transportation Program Workforce Portfolio
 - CARB: Incentive Funding Portfolio
 - Presentation
- Draft Pre-Solicitation Concept Overview
 - Purpose and Eligibility
 - Project Requirements
 - Project Criteria
 - Selection, Scoring, and Award
- Public Comments
- Next Steps
- Adjourn



Commitment to Diversity

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:

- 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; and
- 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 table to access the survey.

The survey will be closed at the end of the day.

Survey Link:

https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTqEU3EeANX9DvlX_on7oPclUMTNOSldZUU1FUVVDU1JOTVMzME1DRFRCOC4u



Find a Partner on EmpowerInnovation.net

Empower Innovation strives to accelerate your clean tech journey with easy access to funding opportunities from the CEC and other funding providers, curated resources and events, and connections to people and organizations.

FIND A PARTNER

Announce your interest in this funding opportunity and message other interested parties to find potential partners.

RESOURCES & TOOLS

Browse the collection of resources for clean tech innovators including Resource Libraries, Funding Sources, Tools, and Databases.

To search for funding opportunities, please go to this link:

<https://www.empowerinnovation.net/en/custom/funding/directory>

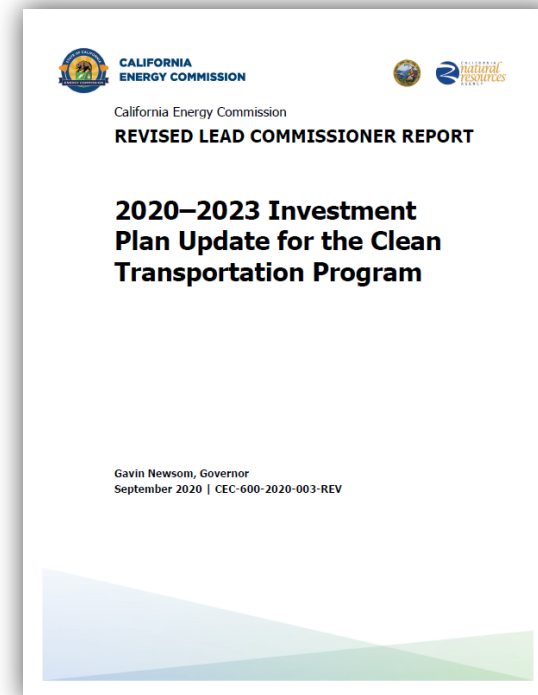
Please direct questions for the Empower Innovation platform to:

https://www.empowerinnovation.net/en/contact_us



Clean Transportation Program Background

- Formerly known as the Alternative and Renewable Fuel & Vehicle Technology Program (ARFVTP)
- 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 to determine funding allocations across various categories.
- Total program investment in workforce to date: \$34.5 million





Purpose of the Clean Transportation Program

Provides approximately \$95 M of funding per year through the end of 2023

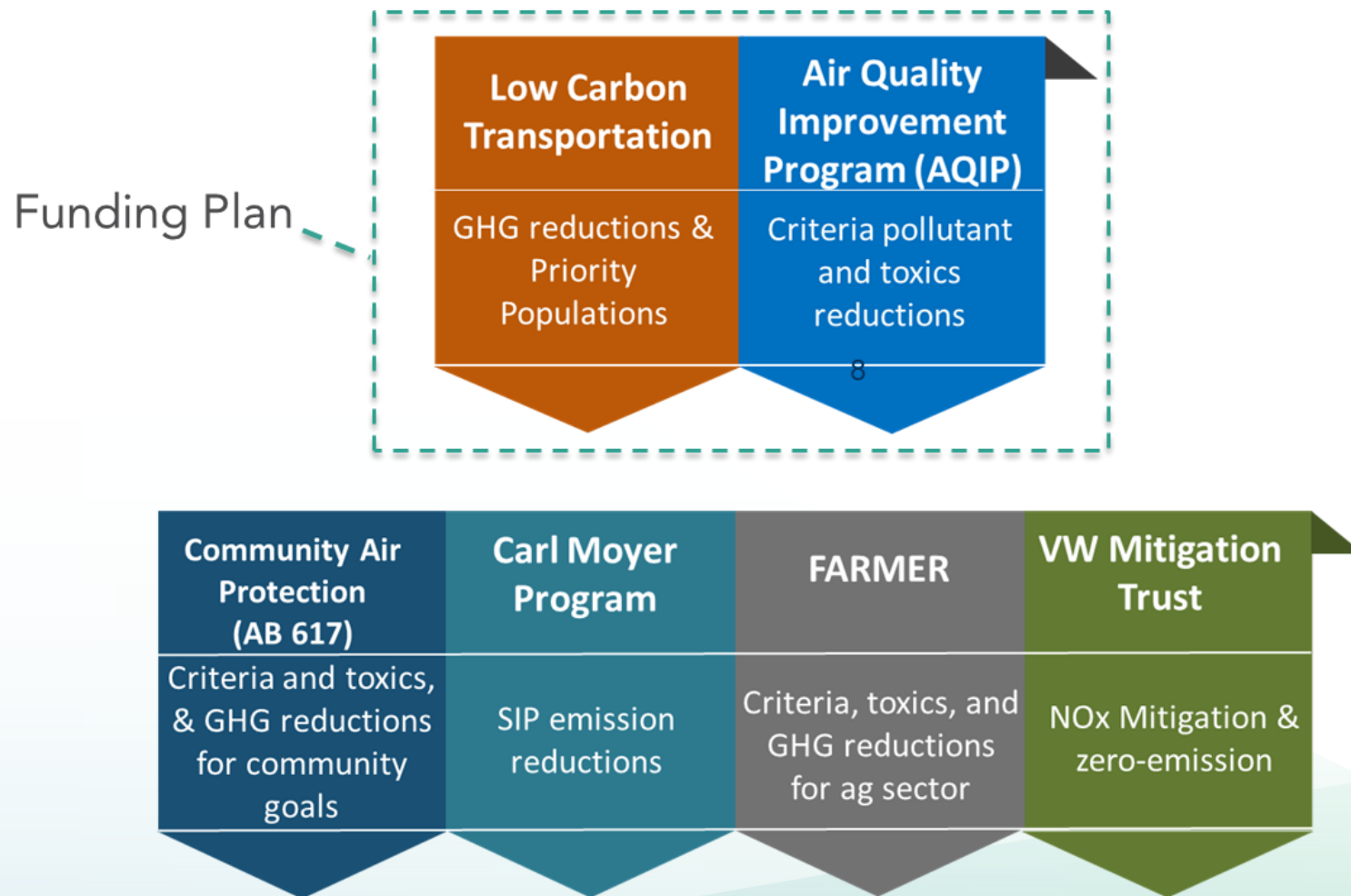
“...to develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.”

Complementary goals:

- Improve air quality
- Investments in low-income and disadvantaged communities
- Promote economic development
- Increase alternative fuel use
- Reduce petroleum dependence



CARB Incentive Funding Portfolio





Clean Transportation Program: Workforce Portfolio

Partnerships

- California Employment Training Panel
- California Employment Development Department
- California Community College Chancellor's Office
- California Workforce Development Board
- California Community Colleges

Projects

- Transit Training Apprenticeship
- Clean Transportation Pilot Training Project
- Electric School Bus Training Project
- ZEV College Training Project
- High School "Automotive 3: ZEV Technology" Pilot Project
- California Sustainable Freight Workforce Pilot Project
- CEC/CARB Drayage Solicitation

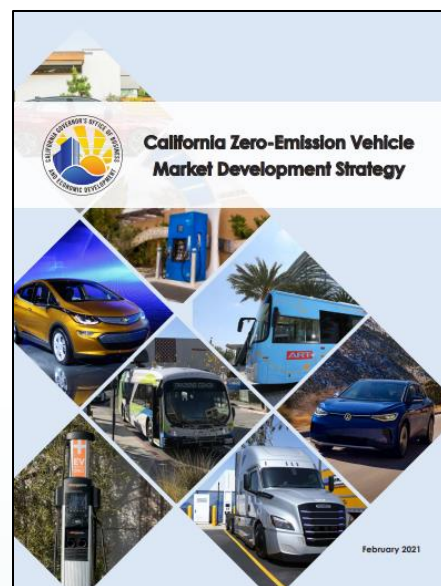
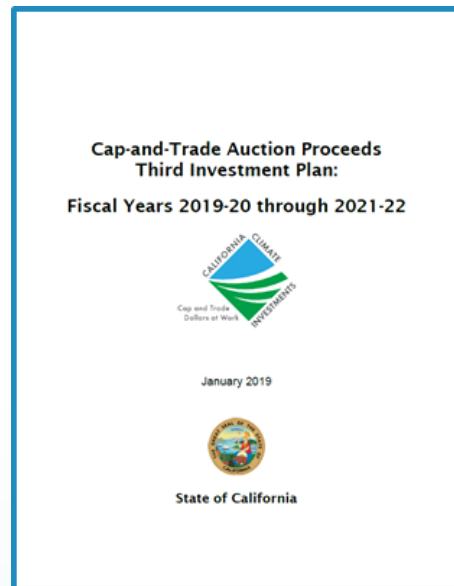
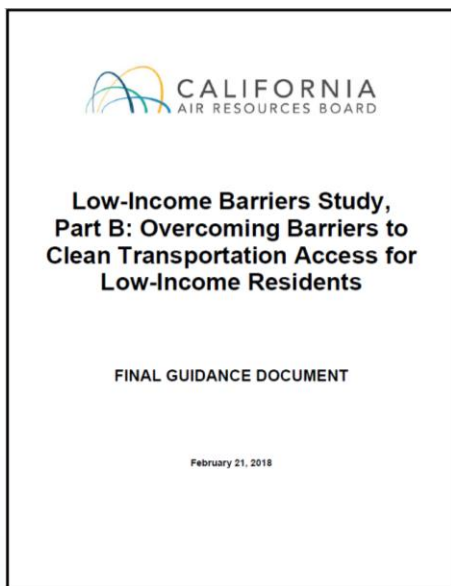


Advanced Transportation
and Logistics





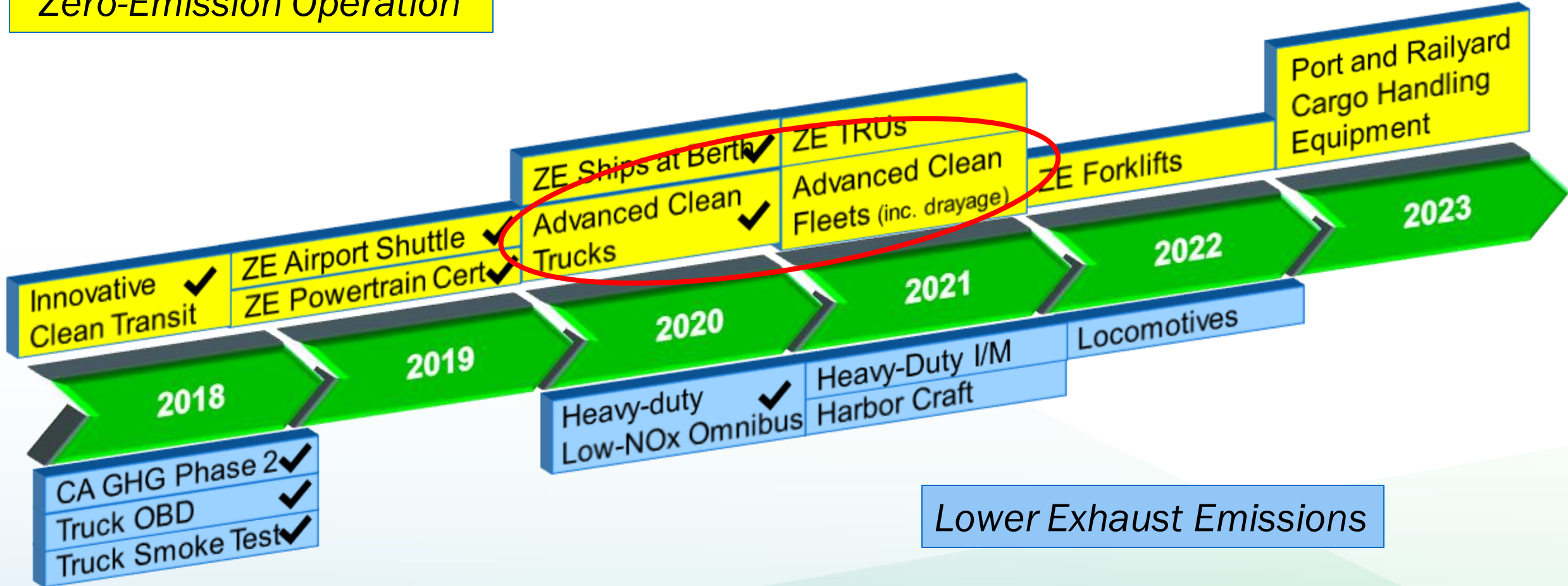
Key Policy Drivers





CARB Suite of Mobile Source Regulations and Initiatives

Zero-Emission Operation



Lower Exhaust Emissions



Draft Pre-Solicitation Concept Overview

IDEAL ZEV Workforce Pilot: Training, Employment, and Recovery



Available Funding

- A total of up to \$6,000,000 is available to fund projects.
- CEC reserves the right to increase or decrease this funding amount.



Minimum and Maximum Award Amounts

Applicants may only submit **one** application

Small Grants:

- Minimum Award is \$50,000; Maximum Award is \$250,000

Large Grants:

- Minimum Award is \$250,001; Maximum Award: \$500,000



Applicant Eligibility

Eligible:

- Community-based organizations (CBOs)
- Non-profits (NP)
- California Native American Tribes
- Tribal serving non-governmental organizations (NGOs)
- Private entities
- Public entities

Required to be registered and be in good standing with the California Secretary of State, <https://www.sos.ca.gov>, to enter into an agreement with the CEC.



Applicant Eligibility (cont.)

Ineligible:

- California-based Manufacturers
- California state agencies, departments, boards, and commissions
- California Community Colleges, California State Universities, University of California, and their foundations
- Private colleges and universities and their foundations
- Local Workforce Investment Boards and Workforce Development Boards
- K-12 public and private schools



Project Eligibility

Eligible:

- Fuel types:
 - Electricity
 - Hydrogen
- ZEVs:
 - On- and off-road vehicles and equipment
 - Light-, medium-, and heavy-duty vehicles
- ZEV-related vehicle and equipment:
 - Electric vehicle chargers
 - Hydrogen refueling stations



Project Eligibility (cont.)

Eligible projects in underserved communities include but are limited to:

- Piloting new and/or expanding existing programs that may provide career pathways in ZEV-related industries (e.g., manufacturing, construction).
- Developing new ZEV-related curriculum, and/or integrate, and/or enhance within existing curriculum, instructional materials, and training.
- Leveraging local/regional workforce entities and programs, systems, education partners, and learning centers.
- Providing supportive services for workforce participants.
- Reimbursing participant costs for ZEV-related automotive and/or truck training and certification and degree programs.
- Reimbursing participant costs for Automotive Service Excellence (ASE) training and certification for specific ZEV-related technologies.



Project Eligibility (cont.)

Ineligible projects in equity communities include:

- Internal combustion engine and related technologies (i.e., non-ZEV).
- Hybrid fuel technologies.
- Non-vehicle and/or equipment technologies.
- Conducting market studies, literature reviews and surveys, or technology surveys and development, and data-analysis studies.
- Conducting technology research, development, and deployment.
- Vehicle and equipment tests for compliance and/or certification.
- Software/hardware/firmware technology development.
- Training for Occupational Safety and Health Administration (OSHA) requirements and other required compliance or regulatory training.



Match Funding Requirements

- No match funding requirement
- Encouraged to identify match share funding contributions to the project as either cash and/or in-kind



Eligible Project Costs

- Eligible costs for CEC reimbursement or applicant match share include but are not limited to:
 - Curriculum development
 - Attendee training
 - Instructor training
 - Tuition reimbursement
 - Training assets, materials, supplies, and equipment acquisition
 - Books and training materials
 - Translation services of training resources
 - Support or stipends for training support services



Eligible Project Costs (cont.)

Ineligible costs for CEC reimbursement:

- Capital improvements
- Construction
- Operations expenses
- Administrative and/or consultant costs greater than ten (10) percent
- Marketing, advertising, and promotional activities



How Award is Determined

- Administrative Screening Criteria
- Technical Screening Criteria
- Evaluation Process
- Evaluation Committee
- Minimum score of seventy percent (70%) is required for funding eligibility
- Evaluation Criteria



Scoring Scale

Percent of Possible Points	Interpretation	Explanation for Percentage Points
0 percent	Not Responsive	Response does not include or fails to address the requirements being scored. The omissions, flaws, or defects are significant and unacceptable.
10-30 percent	Minimally Responsive	Response minimally addresses the requirements being scored. The omissions, flaws, or defects are significant and unacceptable.
40-60 percent	Inadequate	Response addresses the requirements being scored, but there are omissions, flaws, or defects or the requirements are addressed in such a limited way that it results in a low degree of confidence in the proposed solution.
70 percent	Adequate	Response adequately addresses the requirements being scored. Any omissions, flaws, or defects are inconsequential and acceptable.
75 percent	Between Adequate and Good	Response better than adequately addresses the requirements being scored. Any omissions, flaws, or defects are inconsequential and acceptable.



Scoring Scale (cont.)

Percent of Possible Points	Interpretation	Explanation for Percentage Points
80 percent	Good	Response fully addresses the requirements being scored with a good degree of confidence in the Applicant's response or proposed solution. There are no identified omissions, flaws, or defects. Any identified weaknesses are minimal, inconsequential, and acceptable.
85 percent	Between Good and Excellent	Response fully addresses the requirements being scored with a better than good degree of confidence in the Applicant's response or proposed solution. There are no identified omissions, flaws, or defects. Any identified weaknesses are minimal, inconsequential, and acceptable.
90 percent	Excellent	Response fully addresses the requirements being scored with a high degree of confidence in the Applicant's response or proposed solution. Applicant offers one or more enhancing features, methods or approaches exceeding basic expectations.
95 percent	Between Excellent and Exceptional	Response fully addresses the requirements being scored with a better than excellent degree of confidence in the Applicant's response or proposed solution. Applicant offers one or more enhancing features, methods or approaches exceeding basic expectations.
100 percent	Exceptional	All requirements are addressed with the highest degree of confidence in the Applicant's response or proposed solution. The response exceeds the requirements in providing multiple enhancing features, a creative approach, or an exceptional solution.



Evaluation Criteria

Scoring Criteria	Points
Project and Project Team	20
Community, Partnerships, and Engagement	20
Budget	15
Project Readiness and Implementation	25
Innovation and Sustainability	10
Economic and Environmental Benefits	20
Performance Metrics and Data Collection	15
TOTAL POSSIBLE POINTS:	125



Public Comment

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.

Written Comments

Visit the comment page for this docket at:

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

Deadline for comment: Friday, March 5, 2021 by 5:00 pm.



Proposed Key Dates and Activities

Activity	Anticipated Date
Solicitation Release	April 2021
Pre-Application Workshop	April 2021
Deadline to Submit Applications	June 2021
Anticipated Notice of Proposed Award Posting	July 2021
Anticipated Energy Commission Business Meeting	October 2021



Submit Comments to Docket 20-ALT-01

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

Subject Line: "20-ALT-01 IDEAL ZEV Workforce"

All comments due on March 5, 2021 by 5:00 pm



Thank you for participating!