Docket Number:	21-TRAN-04
Project Title:	Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles (EnergIIZE Commercial Vehicles)
TN #:	255420
Document Title:	EnergIIZE Hydrogen Yr 3 Application Process Webinar Slides and Recording
Description:	EnergIIZE Commercial Vehicles Project Hydrogen Yr 3 Application Process Workshop slide deck from March 26, 2024 presentation. A recording of the workshop is viewable at the link below: https://www.youtube.com/watch?v=55sLOWe3UGI
Filer:	CALSTART
Organization:	CALSTART
Submitter Role:	Other Interested Person
Submission Date:	4/2/2024 3:20:31 PM
Docketed Date:	4/2/2024

EnergIIZE Workshop
Hydrogen Year 3 Application Process

March 26, 2024

EnerglIZE Commercial Vehicles

Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles

Accelerating fueling infrastructure deployment for zero-emission trucks, buses and equipment

Michelle Vater
California Energy Commission (CEC) Commissioning Agreement Manager (CAM)

Diana Friedrich
CEC CAM

Sebastian Serrato
CEC CAM

Stacey Simms
Sr. Director of Clean Fuels and EV Infrastructure

Alyssa Haerle
Director of Infrastructure Incentive Administration

Ralph Troute
Deputy Director

Tesi Bravo
Deputy Director

Amanda Le
Lead Project Manager

Alberto Santos-Davidson
Project Manager

Erin Wimberly
Project Manager

Kelly Ratchinsky
Project Manager

Olaoluwa Oyewusi
Project Manager

Aidan Anthony
Associate Project Manager

Ian Cadger
Project Manager

Sydney Frazier-Flores
Engagement Coordinator

Lauren Fleming
Operations Coordinator

Thomas McKenna
Document Control Specialist

Summer Allen
Application Services Coordinator

Eddy Huang
Director

Tom Rauls
Technical Advisor

Wen-Han Liu
Project Manager

Priscilla Barragan
Project Manager

Jalyn Collins
Environmental Scientist

Saul Loza
Environmental Scientist

Thanh Nguyen
Environmental Scientist

Grecia Maya
Environmental Scientist

Zoom Logistics

Webinar URL: https://calstart-org.zoom.us/webinar/register/WN_aTKm62dPQImp_rQ8WkTSIA

Webinar ID: 853 3157 0500

Passcode: 539534

Mobile:
Or One tap mobile:
    +16694449171,,85331570500# US
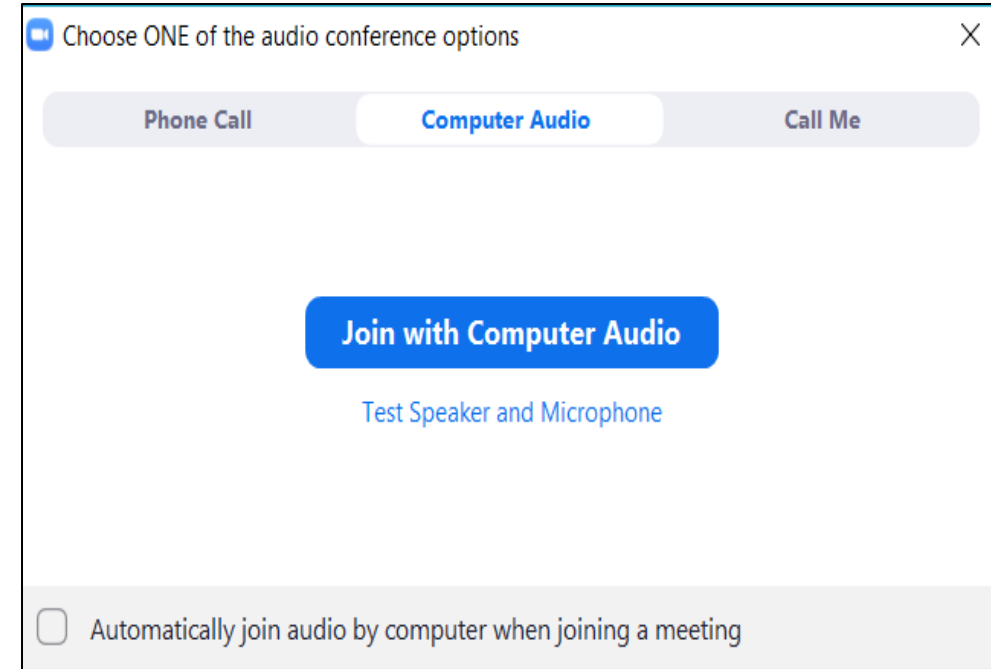   +16699006833,,85331570500# US (San Jose)

Dial by your location
US: +1 669 444 9171 or
888 788 0099 (Toll Free) or
833 548 0276 (Toll Free)

If you dial-in from a phone, use the meeting ID and passcode from invite

Choose ONE of the audio conference options

| Phone Call | Computer Audio | Call Me |

Join with Computer Audio

Test Speaker and Microphone

☐ Automatically join audio by computer when joining a meeting

Mute | Start Video | Invite | Manage Participants | Share Screen | Q&A | Record

All participants (web and dial-in) are automatically in listen-only mode.

All participants will be unable to share their video.

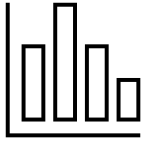If you have questions, you can use the Q&A function.

Agenda

1 **Overview**

2 **Walkthrough of EnergIIZE Hydrogen Application Process**

1. *Application Requirements*

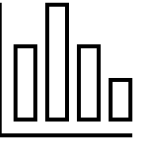2. *Application Portal - IPC and Sandbox*

3. *Next Steps*

3 **Q&A**

Poll #1

Which of the following best describes your role (select all that apply)?

A. Equipment Vendor

B. Application Partner

C. Installation Partner

D. Fleet Vehicle Operator

E. Site Owner

F. Other

Poll #2 & 3

Have you previously applied to an EnergIIZE funding lane?

    A. Yes, to EV Fast Track

    B. Yes, to Hydrogen

    C. Yes, to EV Jump Start

    D. Yes, to Public Charging

    E. Yes, to a Set-Aside lane

    F. No

Have you applied to HVIP (Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project) funding?
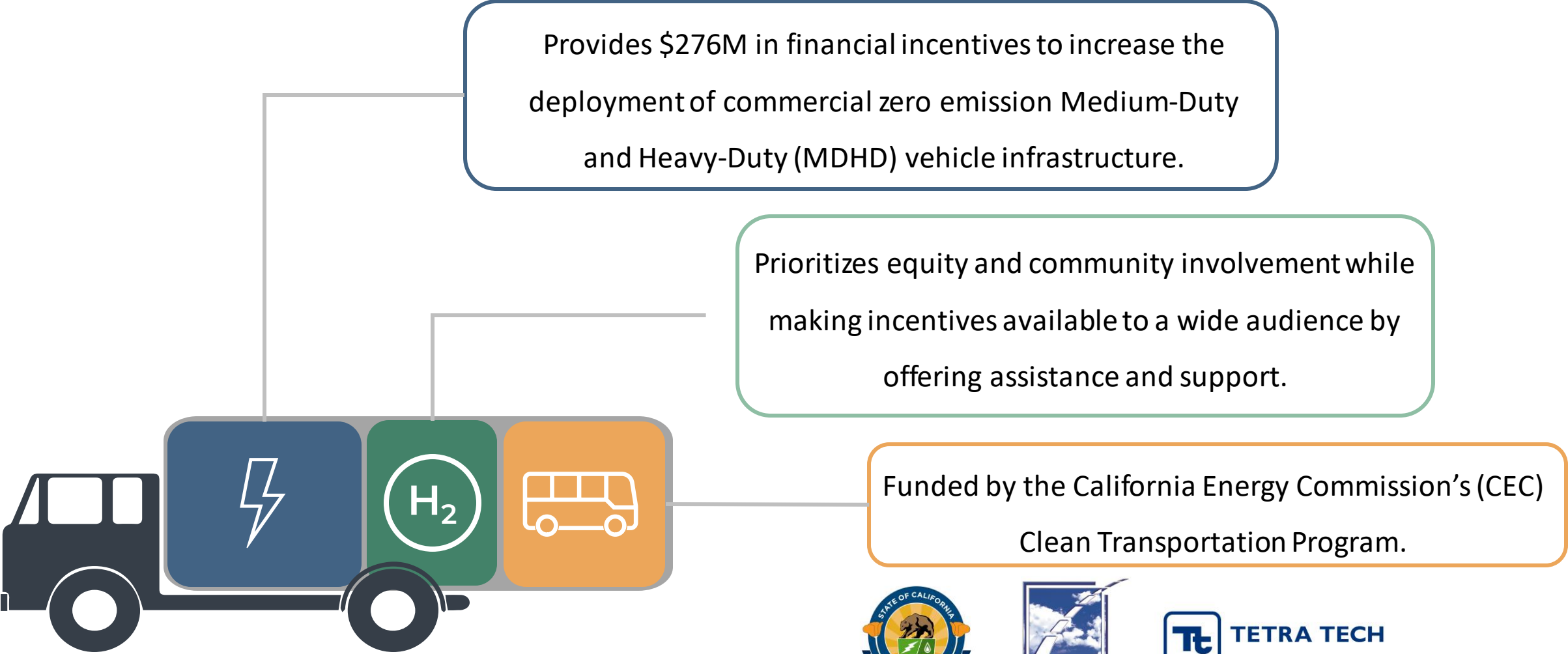
    A. Yes

    B. No

Overview

Hydrogen Funding Lane
Open April 17, 2024 – May 1, 2024

Overview of EnergIIZE

Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles

Provides $276M in financial incentives to increase the deployment of commercial zero emission Medium-Duty and Heavy-Duty (MDHD) vehicle infrastructure.

Prioritizes equity and community involvement while making incentives available to a wide audience by offering assistance and support.

Funded by the California Energy Commission's (CEC) Clean Transportation Program.

EnergIIZE
COMMERCIAL VEHICLES

Hydrogen Funding Lane

The Hydrogen lane provides funding opportunities to hydrogen infrastructure projects. The application process is competitive, and applications are prioritized by project readiness, cost effectiveness, and community benefit.

When can I apply?

- Funding window: Opens April 17, 2024 at 9am Pacific Time (PT), closes May 1, 2024 at 5pm PT in the IPC Application Portal.

What is covered?

Incentive Structure	Incentive Structure if Meeting Equity Criteria
50% of adjusted project costs	75% of adjusted project costs
$3 million maximum award	$4 million maximum award

What projects are eligible?

- Projects must be for hydrogen fuel cell MDHD infrastructure only.

- Refueling stations must be capable of dispensing 350 or 700 bar and be certified to SAE, ASME, ASTM, and NFPA standards.

- Projects may be private, public, or shared.

I need more help!

- For questions or to request technical assistance, please contact infrastructure@CALSTART.org.

EnergIIZE COMMERCIAL VEHICLES
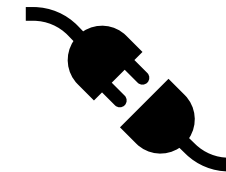
Eligibility

- **Applicant Eligibility**:

  - Applicant team must have at least one of the following: a fleet, Fueling-as-a Service (FaaS) provider, site owner, authorized lessee, or an authorized representative of a site where MDHD ZEV infrastructure will be installed.

  - Applicant must be in good standing with the Secretary of State (if required to register)

  - A single entity, as identified by the Recipient tax identification number (TIN), cannot be awarded more than 25 percent of the total funding available for this lane.

- **Eligible Costs**:

  - **Equipment**:

    - Dispenser with hose and nozzles

    - Compressors

    - Liquid and gaseous hydrogen pumps

    - Hydrogen storage

  - **Software**:

    - Networking

    - Fleet/demand management

  - **Maintenance** and **Warranty** may be listed but will not be added as eligible costs to the conditional award amount until final review.

Jump Start Equity Criteria
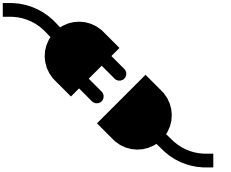
If any of the following apply to the project, it is eligible for the increased incentive:

- Charging infrastructure is in a designated Disadvantaged Community (DAC) or Low-Income Community (LIC).*

- Tribe or tribal-serving entity.

- Small business as identified in the California State Legislative Code.

- Certified Minority Business Enterprise, Woman-Owned Small Business, Veteran-Owned Small Business, or LGBT-Owned Small Business.

- Transit system with at least 50% of applicable routes or coverage areas within a DAC or LIC.*

- School district in a designated DAC or LIC or serving economically disadvantaged students.*

- Non-profit organization.

* DAC and LIC Designations can be found on the California Climate Investments Priority Populations 2023 Map

Charging/Fueling as a Service (C/FaaS)

- **Definition**:
  - EnergIIZE will accept Fueling as a Service applications during the Hydrogen lane.
  - A general term which applies to developers who build, own, and maintain ZEV Infrastructure on behalf of a fleet.

- This business model varies, but it typically provides a turn-key solution for equipment, installation, software, site maintenance, and/or driver support for an agreed-upon recurring fee.

- Service may be onsite or offsite relative to the fleet's primary business address.

- ZEV infrastructure must support MDHD fleets.

Application Requirements

Hydrogen Funding Lane

Requirements per Application Section

Basic Details, Recipient, Project Partner, Project Site, Readiness Questions

- ✓ Answer Readiness Questions (do not count toward scoring)
- ✓ Contact Phone and Email of Recipient, Primary Application Contact, and Job Site Contact
- ✓ Estimated Total Project Cost
- ✓ Project details for intended service category and vehicle type and class
- ✓ Primary Contact Phone and Email of Project Partner
- ✓ Address and square footage of Infrastructure Project Site

Cost Share

- ✓ Disclosure of all funding sources awarded. This may include:
  - ✓ Notices of proposed award
  - ✓ Notice of grant award
  - ✓ Other official documentation indicating an award of funding
- ✓ Demonstrated proof-of-cost coverage for any non-incentivized project costs
- ✓ The sum of make-ready funding, self-contributions, other external funding sources
- ✓ **Note: EnergIIZE funding cannot be stacked with other active California Energy Commission funding programs. But you can stack with other programs!**

Requirements per Application Section

Site Equipment Manifest

- ✓ Preliminary Quotes of Equipment Necessary to Complete Project

- ✓ Make, Model, and Anticipated Quantity of Eligible Equipment to be Installed

- ✓ Labor Costs (**not** eligible for incentives through Hydrogen)

Qualitative Questions

- ✓ Provide answers to six qualitative questions, which will assess:
  - ✓ Project readiness
  - ✓ Community engagement and benefit
  - ✓ Project team's experience with hydrogen

- ✓ Upload supporting documentation and photos as necessary

- ✓ **Concise answers that address all criteria will contribute to a high score!**

Requirements per Application Section

Documents

✓ Site Verification Form*

✓ Preliminary Site Plans

✓ Confirmation of Request for Service from the local utility, notice that project site is being assessed for energy load capacity, or evidence of communication with the utility

✓ Proof of completion of Critical Milestone 1*

✓ Jump Start Certification Form (if project meets equity criteria)*

Read and acknowledge the Sample EnergIIZE Incentive Recipient Agreement and the EVITP, DIR, & Insurance Affidavit

*EnergIIZE will provide document links
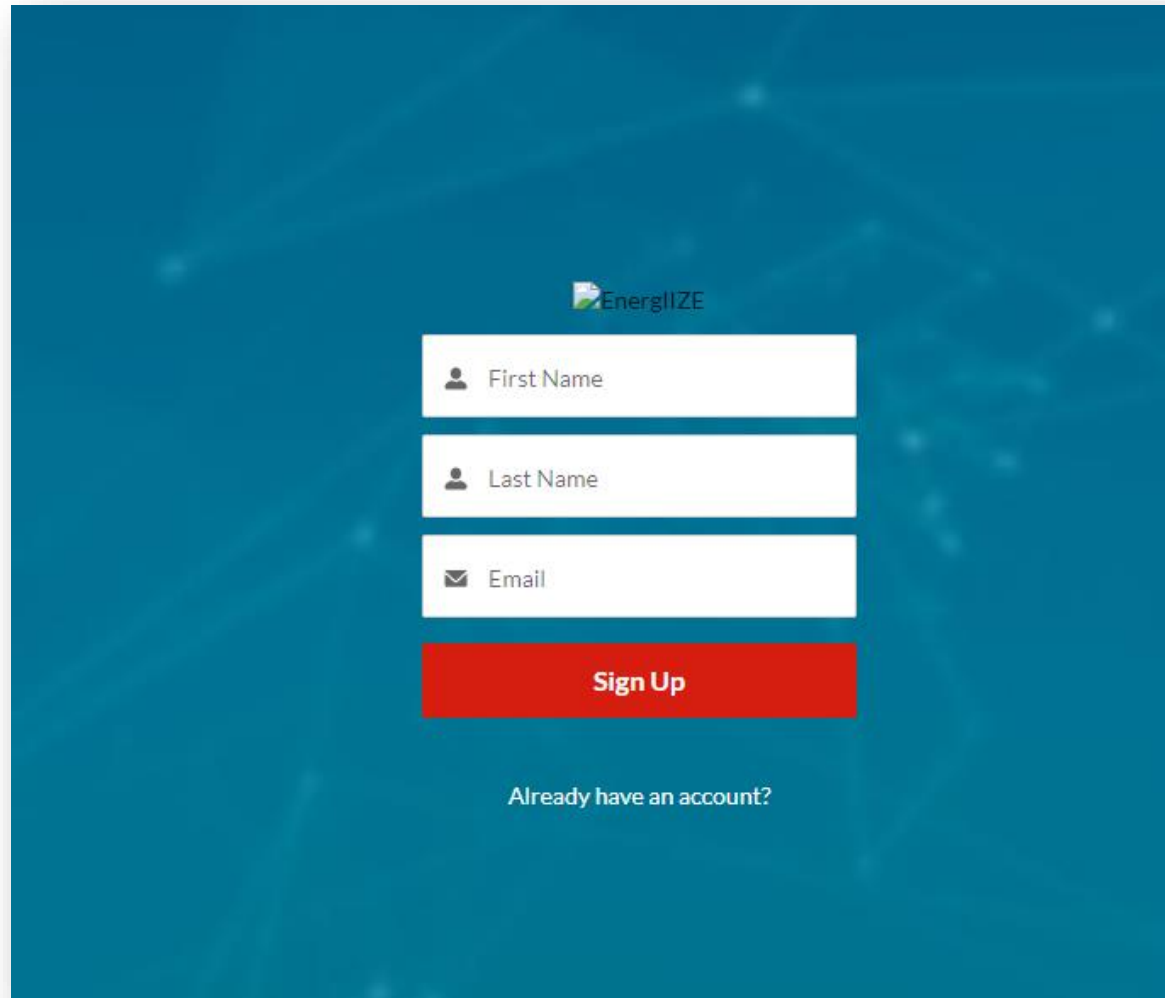
Application Sandbox

- The EnergIIZE application process includes a sandbox testing environment

- The sandbox gives applicants an opportunity to interact with the application before applying

- **NOTE: The application sandbox will not save or store any data. The application fields will not be stored and will not auto-populate when the lane opening occurs. The sandbox is only intended to familiarize participants with the IPC.**

- **Sandbox Link: https://calstart3--h2024.sandbox.my.site.com/apply/s/**

Create User Account

Incentive Processing Center Welcome Email

Incentive Processing Center Screenshot

Please ensure to click **"Save"** on each tab before going to the next one. Once you submit, you will receive an email notification that your application has been successfully submitted.

Application
App-001172

[Submit Hydrogen 2024 Application]

Status
Pending Submittal

Funding Lane
Hydrogen 2024

Submitted Timestamp

Instructions   **Readiness Questions**   Basic Details   Recipient   Project Partner   Project Site   Cost Share   Site Equipment Manifest   Qualitative Questions   Documents

Hydrogen Readiness Questions do not count toward scoring

---

* Is the recipient tax ID number (TIN) required to register with the State of California Secretary of State? ⓘ

| Yes |

Applicants that are not in good standing with the California Secretary of State are not eligible to apply for EnergIIZE.

* Is the recipient TIN in good standing with the State of California?

| Yes |

* Does the project require CEQA Analysis?

| Yes |

* Is the project zoned to accept hydrogen fueling?

| Yes |

* Does the project plan meet all relevant regulatory code?

| Yes |

* Has the project hired a Fire Protection Engineer?

| Yes |

---

* Can you provide proof of ZEVs matched to hydrogen fueling equipment (e.g. ZEV Purchase Order, ZEV Registration, Fleet Letter of Interest)?

| Yes |

* Do you have a formal quote for hydrogen dispenser(s) and storage equipment?

| No |

* Will hydrogen be stored as gaseous or liquid onsite?

| Gaseous |

* Do you have a signed site verification form?
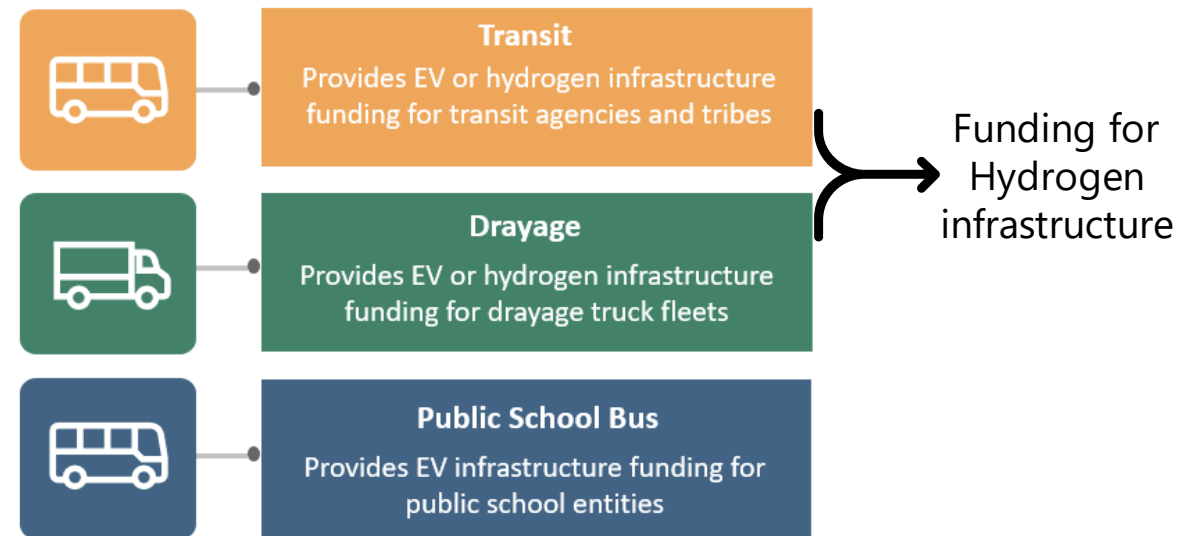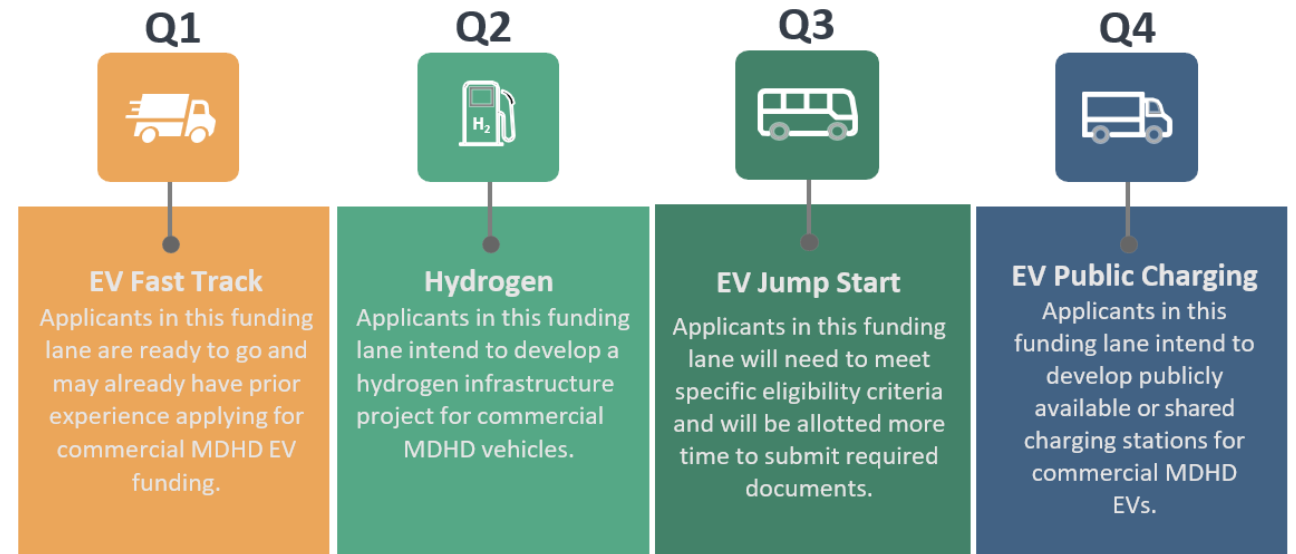
| Yes |

* Do you have preliminary site plans?

| Yes |

Fleet Contact Name (Optional, if Private)

| |

Phone (Optional, if Private)
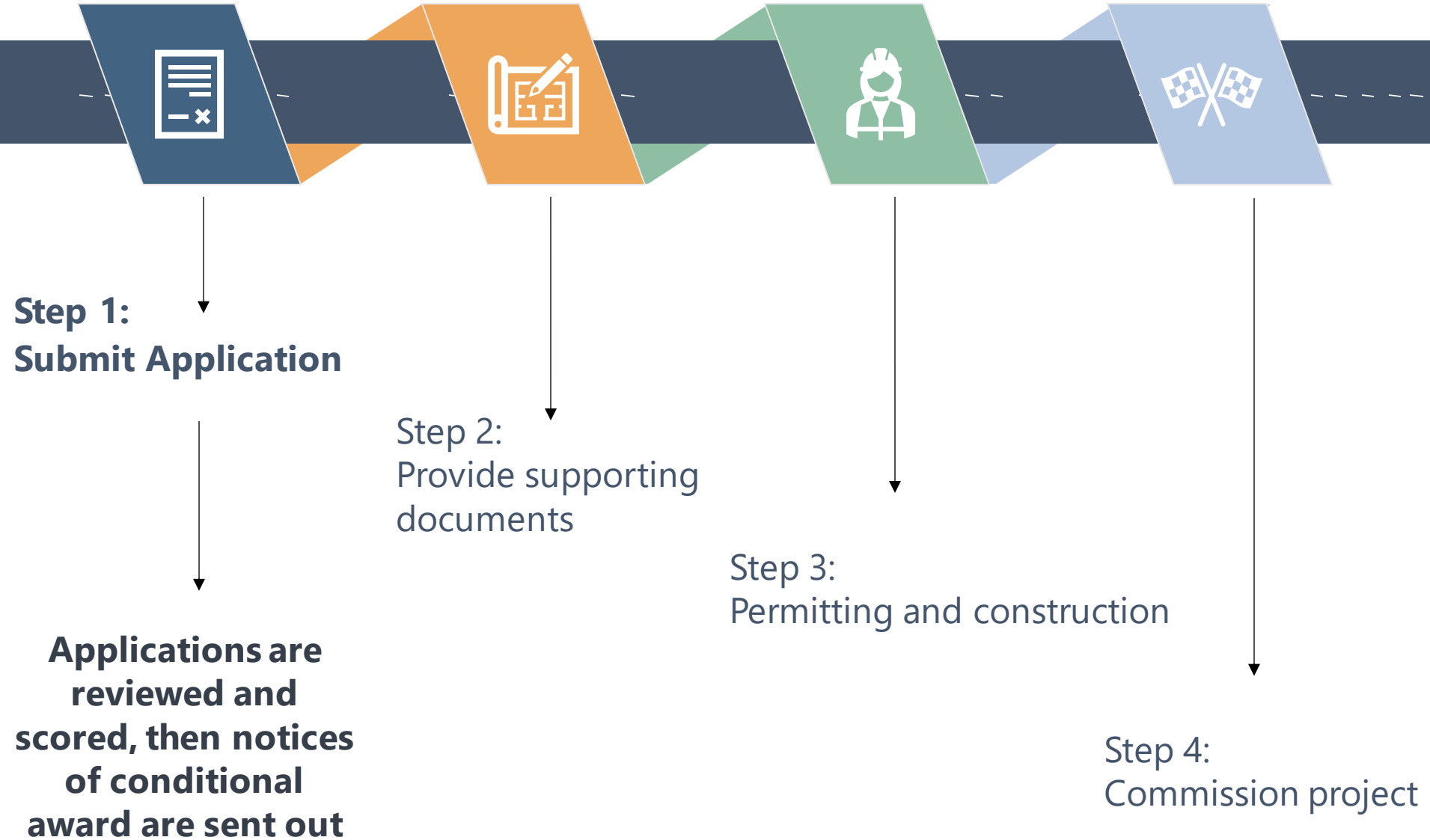
| |

Is This Lane a Good Fit?

- Check out our other funding lanes!
- https://www.energiize.org/

- CALSTART also has a Funding Finder Tool to help.
- https://fundingfindertool.org

Q1

EV Fast Track
Applicants in this funding lane are ready to go and may already have prior experience applying for commercial MDHD EV funding.

Q2

Hydrogen
Applicants in this funding lane intend to develop a hydrogen infrastructure project for commercial MDHD vehicles.

Q3

EV Jump Start
Applicants in this funding lane will need to meet specific eligibility criteria and will be allotted more time to submit required documents.

Q4

EV Public Charging
Applicants in this funding lane intend to develop publicly available or shared charging stations for commercial MDHD EVs.

Transit
Provides EV or hydrogen infrastructure funding for transit agencies and tribes

Drayage
Provides EV or hydrogen infrastructure funding for drayage truck fleets

Funding for Hydrogen infrastructure

Public School Bus
Provides EV infrastructure funding for public school entities

EnergIIZE Next Steps

Step 1:
Submit Application

Applications are reviewed and scored, then notices of conditional award are sent out

Step 2:
Provide supporting documents

Step 3:
Permitting and construction

Step 4:
Commission project

Frequently Asked Questions

You Might Have These Questions

Q: *When does the Hydrogen lane open for applicants?*

A: The application will open at 9:00 a.m. Pacific Time April 17, 2024, at https://energiize.force.com/apply/s/. This funding lane is competitive.

Q: *How much time do I have to gather documents for Step 2?*

A: Once Hydrogen applicants have been provided with their notice of conditional award after completion of Step 1, they will then have 90 calendar days to provide the information in Step 2.
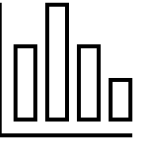
Q: *If I have questions before the lane launch, what is best way to get these questions answered?*
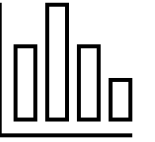
A: Contact kratchinsky@calstart.org

Poll #4

How helpful was this workshop (on a scale of 1-5)?

A.   1 - Not very helpful

B.   2

C.   3

D.   4

E.   5 - Very helpful

Poll #5

What additional workshop topics
would you like to see?

Contact Us

📞 877-ENR-GIZE
877-367-4493

✉️ kratchinsky@CALSTART.org

🖥️ www.energiize.org

📍 48 S. Chester Ave
Pasadena, CA 91106

SCAN ME