

# ZERO EMISSIONS VEHICLES WORKSHOP

April 21, 2026



Source: DFWIA



Source: NCTCOG



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North Central Texas Council of Governments/  
Dallas-Fort Worth Clean Cities



[www.dfwcleancities.org](http://www.dfwcleancities.org)



North Central Texas  
Council of Governments

[www.nctcog.org](http://www.nctcog.org)



## ZERO EMISSION VEHICLE WORKSHOP AGENDA



April 21, 2026, 8:00am to 4:00pm  
Ruthe Jackson Center, Grand Prairie, Texas  
Wifi: PrairieGuest

**Goals:** Provide information on the outlook, level of adoption, and upcoming investments in medium- and heavy-duty zero emission vehicles (ZEV) in North Texas. Facilitate opportunities for ride-and-drive(s) and networking. Enable fleets to plan or deploy ZEV projects.

### **8:00–8:45 Registration and Breakfast**

### **8:45–9:00 1. Workshop Kick Off and State of the Industry**

**Objective:** Review workshop objectives and provide high-level highlights of current ZEV adoption, availability, and opportunities.

**Speaker:**

**Lori Clark: North Central Texas Council of Governments (NCTCOG)/Dallas-Fort Worth Clean Cities (DFWCC)**

### **9:00–9:15 2. Keynote: State of Tesla’s Heavy-Duty Zero Emission Vehicles**

**Objective:** Provide information on ZEV interest/adoption in the United States, including barriers and opportunities. Share where success and investments have occurred and why.

**Speaker:**

**Emily Conway: Tesla**

### **9:15–10:00 3. Current ZEV Availability**

**Objective:** Share highlights of local medium- and heavy-duty ZEV options, including various ways fleets can acquire them.

**Speakers:**

**Bill Kahn: PACCAR**

- Current heavy-duty zero emission vehicles offered by PACCAR.

**Dan Rosenfield: Highland Electric Fleets**

- Discuss leasing heavy-duty zero emission vehicles.

### **10:00-10:30 Break/ Visit Exhibitors**

### **10:30-11:35 4. What to Do About Infrastructure**

**Objective:** Share information on key considerations for ZEV infrastructure, including how to plan for your own depot-based charging and availability of public-access infrastructure.

**Speakers:**

**Garon Yamashita: Oncor**

- Considerations for working with a utility and how to work with Oncor

**Tom Bowen: Schneider Electric**

- Planning for Infrastructure at Your Fleet’s Facility

**Ben Goossen: Forum Mobility**

- Offsite Charging Infrastructure for Medium and Heavy-Duty ZEV

**Lori Clark: NCTCOG/DFWCC**

- Public Hydrogen Infrastructure for Medium and Heavy-Duty ZEV

## 11:30–12:45 Lunch/Ride and Drive Visits/Exhibitor Visiting

### 12:45–1:30 5. Planning 101

**Objective:** Share information on how fleets can get started for a ZEV deployment. Include how to decide if a ZEV will work for your fleet, resources to transition to ZEV, technical/funding assistance, and tips for working with your vendor.

**Speakers:**

**Erin Costigliolo: Electric Power Research Institute (EPRI)**

- EPRI resources available to assist fleets in electrification, including the GridFAST tool

**Ryan Fraiser: National Lab of the Rockies (NLR)**

- NLR free technical assistance for fleets to plan for ZEV adoption.

**Juliana VandenBorn: North Central Texas Council of Governments**

- State, Local, and Federal Funding Programs to assist fleets with adoption of medium- and heavy-duty ZEV.

### 1:30–2:00 6. Lessons Learned from Early Adopters:

**Objective:** Hear from fleets who already have adopted heavy-duty ZEV! Learn about what they have heard from their drivers/mechanics, their advice for fleets transitioning into the ZEV space, and the real cost of ZEV adoption and operation!

**Speakers:**

**Vincent Olsen: City of Dallas**

- Share their experiences operating municipal EVs.

**Ryan Craft: Nevoja**

- Share information on their experiences as a fully electric trucking carrier.

**Aaron Lapsley: Hyroad Energy**

- Share information on their fuel cell truck project

### 2:15–4:00 Networking and Ride and Drive

- **Funding/Technical Assistance Workshop:**
  - **Location:** Board Room across the lobby from Ballroom.
  - **Description:** Meet with NCTCOG staff to talk about what funding programs or technical assistance your fleet could apply for and to start planning your ZEV transition.
- **Vehicle Display and Ride-and Drive:**
  - **Location:** Outside of Venue, right past the main entrance/pavilion.
  - **Description:** Check out or take a ride in an HD ZEV. Vehicles include Harbinger Motors box truck, Hino L6, Peterbilt 220 Box truck and 520 EV Refuse Truck, Workhorse W56, Tesla Semi, ZM Trucks ZM8
- **Visit with Exhibitors:**
  - **Location:** Within Ballroom.
  - **Description:** Check with other industry representatives and NCTCOG staff!

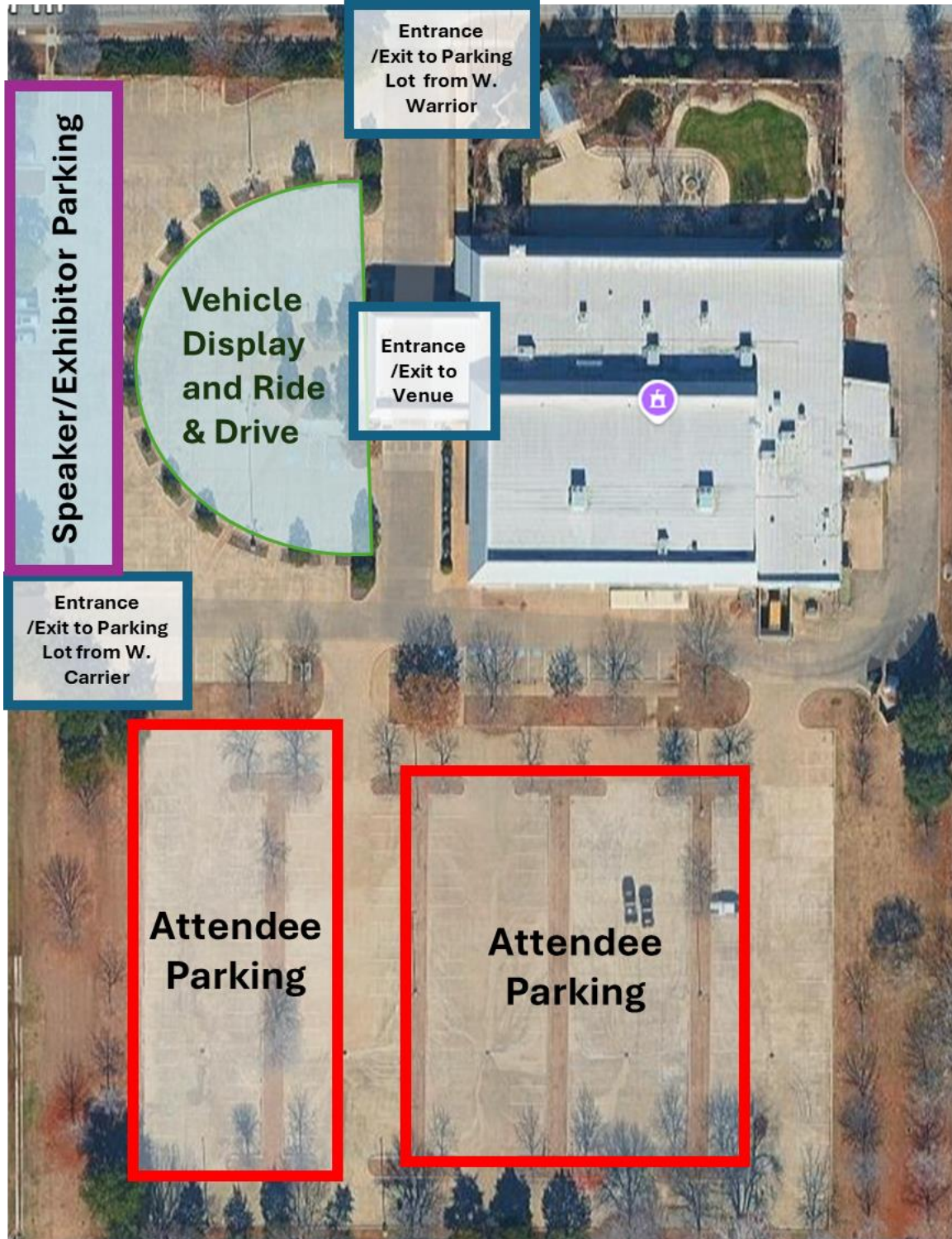
Questions for the Speakers? Submit them by going to  
<https://forms.office.com/r/qgWARSbqeqD> or Scan the QR Code!

Q&A: Zero Emission Vehicles  
Workshop



# Ruthe Jackson Center 3113 S. Carrier Parkway Grand Prairie, TX 75052

## Parking Lot Layout



## Venue Layout



# ZERO EMISSION VEHICLES (ZEV) WORKSHOP

Session 1:  
Workshop Kick Off and State  
of the Industry



## Objectives

Review workshop objectives and provide high-level highlights of current ZEV adoption, availability, and opportunities.

## Presenters



**Lori Clark**

Lori Clark works to transition transportation fuels and energy to more efficient and lower-polluting alternatives that improve air quality. She leads a team that encompasses a range of strategies including zero emission vehicles, renewable fuels, and energy efficiency and renewable energy. Recent years have emphasized the development of alternative fuel infrastructure, specifically electric vehicle charging and hydrogen fueling, and supporting use of zero emissions vehicles in the freight sector. Aside from her roles with NCTCOG and the Clean Cities & Communities partnership, she serves on the Board of Advisors for the Transportation Energy Institute



# ZERO EMISSION VEHICLES (ZEV) WORKSHOP

Session 2:

**Keynote: State of Tesla's Heavy-Duty Zero Emission Vehicles**



## Objectives

*Provide information on ZEV interest/adoption in the United States, including barriers and opportunities. Share where success and investments have occurred and why.*

## Presenters

**Emily Conway**



Emily Conway is the lead Business Development Manager for the Tesla Semi Program and is responsible for strategic growth and vehicle sales. Prior to Tesla, Emily spent 7 years driving fleet electrification for PepsiCo and sustainability initiatives for DFW airport. Emily holds a Master's in Environmental Management and enjoys helping fleets identify electrification opportunities that meet their unique operational requirements.

# ZERO EMISSION VEHICLES (ZEV) WORKSHOP

## Session 3: Current ZEV Availability



## Objectives

Share highlights of local medium- and heavy-duty ZEV options, including various ways fleets can acquire them.

## Resources to Find ZEV

- The Alternative Fuels Data Center Vehicle Search Tool has a list of currently available alternative fuel vehicles, including ZEV: [afdc.energy.gov/vehicles/search](https://afdc.energy.gov/vehicles/search)
- NCTCOG has compiled a list of Class 6 and 7 ZEV: [nctcog.org/NTxZEV](https://nctcog.org/NTxZEV) under **Key Resources**.
- The Zero Emission Technology Inventory provides a list of Medium- and Heavy-Duty ZEV currently available, or available in the future: [globaldrivetozero.org/tools/zeti/](https://globaldrivetozero.org/tools/zeti/)

## Presenters



**Bill Kahn**

Bill Kahn is a Senior Principal Engineer at Peterbilt Motors and is the Manager of Advanced Concepts. An engineering graduate (BSME) of Texas A&M University, he has over 40 years of experience in the trucking and aerospace industry.

His last 28 years have been dedicated to evaluating emerging technologies and developing timelines for their viability within the Peterbilt product.



**Dan Rosenfield**

Dan Rosenfield leads market development in the Southeast for Highland Electric Fleets, which operates more than 1,200 heavy-duty electric vehicles. Highland Electric Fleets equips public fleets across the nation through an electrification-as-a-service (EaaS) model, reducing the risk and complexity of electrification. Dan previously led economic development efforts in Denton, Texas and is a North Texas native.

# ZERO EMISSION VEHICLES (ZEV) WORKSHOP

## Session 4: What to Do About Infrastructure



### Objectives

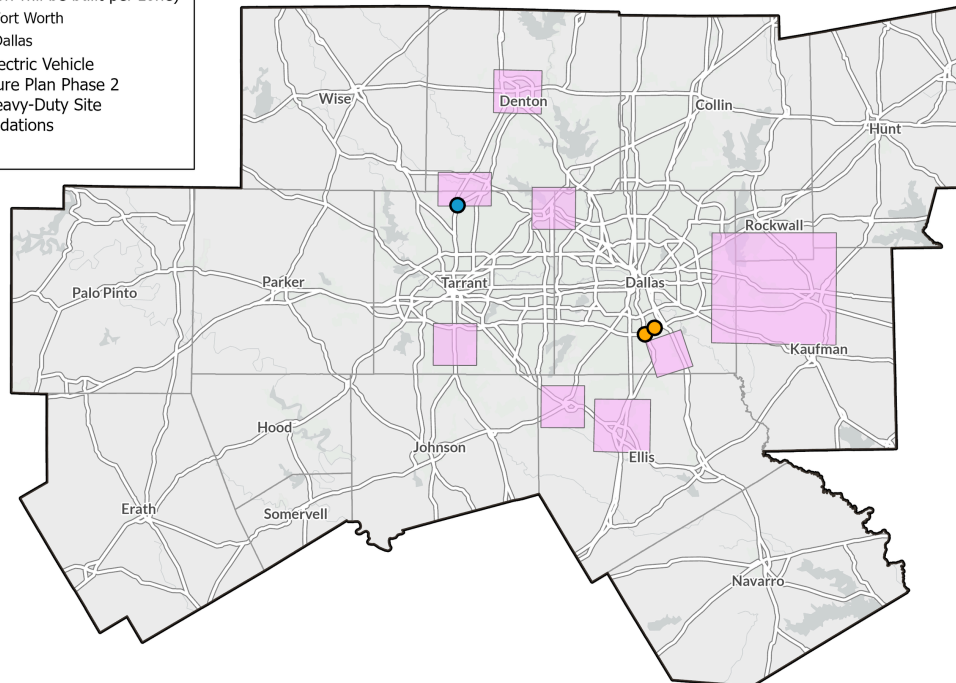
Share information on key considerations for ZEV infrastructure, including how to plan for your own depot-based charging and availability of public-access infrastructure.

### Resources

Find Alternative Fuel Vehicle Stations using the Alternative Fuels Data Center Station Locator: [afdc.energy.gov/stations](https://afdc.energy.gov/stations)

Charging and Fueling Infrastructure  
Corridor Hydrogen Refueling  
Station Project Zones  
(one location will be built per zone)  
● Zone 1 Fort Worth  
● Zone 2 Dallas  
National Electric Vehicle  
Infrastructure Plan Phase 2  
Medium/Heavy-Duty Site  
Recommendations  
■

### Anticipated Public-Access EV Charging and Hydrogen Fueling Sites for Medium- and Heavy-Duty Trucks



Source: U.S. Census Bureau, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

## Presenters



**Garon Yamashita**

Garon Yamashita is a front-line supervisor at Oncor Electric Delivery, leading teams responsible for delivering critical infrastructure projects. A former U.S. nuclear-trained submariner, he brings a decade of experience in high-reliability systems, safety, and operational leadership. He is passionate about advancing customer-focused solutions and scalable processes that support the transition to resilient, electrified, and low-emission utility systems. 28 years have been dedicated to evaluating emerging technologies and developing timelines for their viability within the Peterbilt product.



**Tom Bowen**

Tom Bowen is Vice President of Commercial Solutions at Schneider Electric specializing in EV charging, charger management, and infrastructure. He brings deep expertise in commercial energy efficiency and renewables. He leads client delivery and growth across multifamily, utility, and commercial segments, drawing on CEO experience, most recently at Qmerit, among others. He also served in leadership roles at Honeywell, Sempra, and Chevron. He holds a BA from Cal State Long Beach, an MBA from Wake Forest, and serves on NAESCO's Executive Advisory Committee.



**Ben Goossen**

Ben Goossen is Sr. Director of Business Development at Forum Mobility, where he leads all sales across the company's charging infrastructure and electric truck leasing solutions for medium- and heavy-duty commercial fleets. He also works closely with beneficial cargo owners and key logistics stakeholders to enable fleet electrification and help drive demand for zero-emission goods movement.

Prior to Forum Mobility, Ben held roles at NextEra Mobility (NextEra Energy Resources), where he worked directly with commercial fleet customers to scope and develop behind-the-fence charging infrastructure projects, and at ICF, where he advised clients on fleet electrification strategies, including total cost of ownership analysis and broader clean energy and infrastructure initiatives.



**Lori Pampell Clark**

Lori Pampell Clark works to transition transportation fuels and energy to more efficient and lower-polluting alternatives that improve air quality. She leads a team that encompasses a range of strategies including zero emission vehicles, renewable fuels, and energy efficiency and renewable energy. Recent years have emphasized the development of alternative fuel infrastructure, specifically electric vehicle charging and hydrogen fueling, and supporting use of zero emissions vehicles in the freight sector. Aside from her roles with NCTCOG and the Clean Cities & Communities partnership she serves on the Board of Advisors for the Transportation Energy Institute.

# ZERO EMISSION VEHICLES (ZEV) WORKSHOP

Session 5:  
Planning 101



## Objectives

Share information on how fleets can get started for a ZEV deployment. Include how to decide if a ZEV will work for your fleet, resources to transition to ZEV, technical/funding assistance, and tips for working with your vendor.

## Presenters



**Erin Costigliolo**

Erin Costigliolo is a Staff Level V on EPRI's Electric Transportation team, supporting GridFAST and broader transportation electrification efforts. She collaborates with utilities and fleets to enhance early EV project coordination, strengthen grid planning, and promote data transparency. Her work focuses on EV load analysis and stakeholder engagement to support utilities as they integrate EV projects into their planning processes.



**Ryan Fraiser**

Ryan Fraiser works in the Center for Integrated Mobility Sciences at the National Laboratory of the Rockies. His primary focus is developing resources and assisting fleets with efficiency and alternative fuel deployments. He is the technical assistance project lead to the EPA's Clean School Bus and Clean Heavy Duty Vehicles programs. Prior to joining NLR, Ryan was a fleet manager for the Washington, DC government where he deployed numerous electric vehicle and alternative fuel programs.



**Juliana VandenBorn**

Juliana VandenBorn serves as a Senior Air Quality Planner for the North Central Texas Council of Governments and works on the Alternative Fuels and Energy team with a focus on alternative fuel vehicle transition planning, deployment, and funding projects that aim to improve air quality in the North Texas region. Juliana previously worked in environmental compliance and enforcement as an air quality inspector for the Oklahoma Department of Environmental Quality

# NORTH TEXAS ZERO EMISSION VEHICLES CALL FOR PROJECTS

**Up to \$58.6 million is available for fleets to replace existing heavy-duty vehicles with zero-emission vehicles**

**Eligible Projects:** Replacement of existing Class 6 and 7 vocational vehicles operating primarily in the NCTCOG region with battery-electric or hydrogen fuel cell electric vehicles

- Vocational vehicles can include Step Vans, Box Trucks, Street Sweepers, Bucket Trucks, Refuse Haulers, Transit Buses, and More

**Eligible Applicants:** Public or private fleets

**Funding Level:** Up to 33% to 80% of the new vehicle price

## Interested?

- Attend weekly office hours with NCTCOG staff for Application Assistance. Every Monday at 10 AM CST (details on website)
- Attend the upcoming ZEV Workshop (details below)

## Zero Emission Vehicle Workshop



Tuesday, April 21, 2026



8:00 AM - 4:00 PM CST



Ruthe Jackson Center  
3113 South Carrier Pkwy  
Grand Prairie, TX 75052

**JOIN US**



[www.nctcog.org/NTxZEV](http://www.nctcog.org/NTxZEV)



Image Source: NCTCOG



North Central Texas  
Council of Governments



WE PROVIDE

# Technical Assistance

Contact Us



## Interested in FREE Technical Assistance for your NTxZEV Project?

National Laboratory of the Rockies (formerly known as National Renewable Energy Laboratory) is providing free technical assistance to awardees of the EPA's Clean Heavy-Duty program.

Email  
Q & A

Virtual  
Meetings

In-Depth  
Assistance

Plan Review

## About NLR Technical Assistance:

NLR provides unbiased, free, and customizable technical assistance to help states, communities, tribal governments, transit agencies, school districts, and other fleets plan and deploy fueling and charging infrastructure as well transit, school buses, and medium- and heavy-duty vehicles.

## Examples of How NLR Can Help

Coordinating  
with electric  
utilities

Identifying  
available  
funding and  
incentives

Analyzing  
charging  
infrastructure  
needs

Conducting  
route analysis  
and planning

Advising on  
training and  
workforce  
development

Opportunities  
for resiliency  
(V2X)

Analyzing  
energy needs  
and grid  
impact

Identifying  
solar and  
battery storage  
opportunities

Contact NLR Today at [cleanhdvehiclesta@nrl.gov](mailto:cleanhdvehiclesta@nrl.gov) or visit <https://driveelectric.gov/contact>



# ZERO EMISSION VEHICLES (ZEV) WORKSHOP

## Session 6: Lessons Learned from Early Adopters



### Objectives

Hear from fleets who already have adopted heavy-duty ZEV! Learn about what they have heard from their drivers/mechanics, their advice for fleets transitioning into the ZEV space, and the real cost of ZEV adoption.

### Presenters



**Vincent Olsen**

Vincent Olson is the Director of Equipment and Fleet Management for the City of Dallas, and has been with the city of Dallas since 2016 and in his current role for 2 years. His experience includes: 37 years in fleet Industry, Bachelor of Science in Economics, Earned Certified Public Fleet Professional through the American Publics Works Association, Held Master Certification Automotive and Truck repair through Automotive Service Excellence ASE, Published Author, and Veteran



**Ryan Craft**

Ryan Craft is Vice President of Commercial at Nevoja, responsible for turning EV capacity into revenue through pricing, partnerships, and network strategy. He works closely with shippers to deploy EV freight solutions that are both operationally reliable and economically viable. His focus is on scaling adoption across high-density markets like Texas and California. Verdon was one of the first employees at KeepTruckin (now Motive), playing a key role in scaling the company via channel sales, technology integrations and strategic business development. Outside of Nevoja, John Verdon is an avid endurance athlete, with a passion for ultrarunning, mountaineering, and bike riding, where he deployed numerous EV and alternative fuel programs.



**Aaron Lapsley**

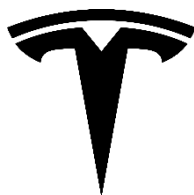
Aaron Lapsley, Chief Technology Officer at Hyroad, has 20 years of experience across mechanical engineering and management consulting, sustainability programs, and tech for commercial & industrial operations. At Hyroad, Aaron leads digital technology functions, including product management, software engineering and IT, as well as managing Hyroad's IP and design aspects of the business. Before Hyroad, he was most recently COO of Envirosuite, a global environmental technology company, and previously worked as a management consultant for Deloitte. He has an MBA from Harvard Business School and is a licensed professional engineer in CA, TX and CO

# THANK YOU TO THOSE WHO MADE THE ZERO EMISSION VEHICLE WORKSHOP POSSIBLE

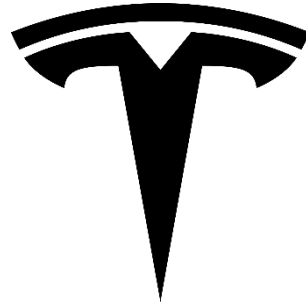
## BREAKFAST SPONSORS



## SPEAKERS



## VEHICLE DISPLAY AND RIDE AND DRIVE



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## EXHIBITORS



## PLEASE GIVE US FEEDBACK ON OUR EVENT

SCAN THE QR CODE OR GO TO: <https://forms.office.com/r/2TjAjnGcvS>

### Zero Emission Vehicle Workshop Feedback Form

