

Welcome!

We will begin in a few moments.

710 Task Force

Zero-Emission Truck Working Group

Meeting #5

April 19, 2022



Metro



Metro

710

Metro

We're developing a new vision for the 710 corridor.

710 Task Force



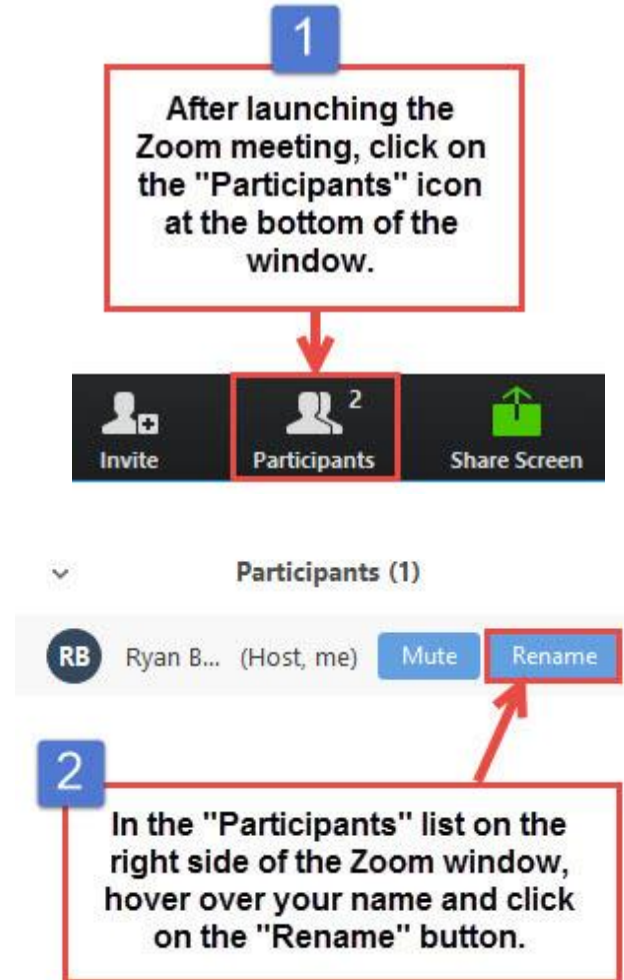
Facilitator



Erika C.B. Morales
Partner, Morales + Morales

Task Force Member Identification

Task Force Members, please change your Zoom screen name to include: Name and Organization Name



Raise Hand

- > Click **Raise Hand** in your meeting controls or
- > **Press*9** on the phone line.
- > To lower your hand, click **Raise Hand** in your meeting controls.
- > Comments & questions can also be provided in writing by using the **Chat** function.
- > The **Chat** button is located on the control panel at the bottom of your screen.

Welcome!

Agenda

- 1:00 pm** Welcome, Introductions, Agenda Review, and Purpose of the Zero-Emission Truck Working Group
- 1:05 pm** Agenda Item #1: ZET Three Program Options – Opportunities and Challenges – Interactive Discussion
- 1:15 pm** Agenda Item #2: ZET Program Refined Recommendation – Interactive Discussion
- 2:00 pm** Agenda Item #3: ZET Program Next Steps
- 2:25 pm** Closing Comments, Upcoming Meetings, Thank you

Meeting Objectives

- ✓ Review Metro Board direction from March 2022 Board presentation
- ✓ Review ZET Program's 3 Options - Opportunities and Challenges
- ✓ Present ZET Program Refined Recommendation based on Working Group input
- ✓ Achieve Consensus and Vote on ZET Program Refined Recommendation
- ✓ Conduct Interactive discussion on priorities, goals, considerations, and next steps
 - Initial discussion on program structure, funding protocols, eligibility criteria, and leveraging funds
 - Discuss areas for research and development

Agenda Item #1: Project Team Presentation

Metro Board Direction

- > Metro to coordinate with the state on the State Plan for the Bipartisan Infrastructure Law and report back to the Metro Board.
- > Metro to report on the Zero-Emission Truck Working Group's final recommendation for use of the \$50 million and report back to the Metro Board.
- > Keep "Truck" in the Working Group title.
- > Metro to provide follow up information to the Metro Board:
 - Income tax penalty and sales tax imposed on truck owners in trying to minimize zero-emission truck purchasing cost
 - State financial assistance to independent truck owners for the purchase of zero-emission trucks
 - Subsidies for air filters to provide relief to residents along the corridor
 - How to harness funding opportunities for workforce development being released by the Department of Labor
 - Truck Parking – Can Metro work with Union Pacific to share space at its railyard in the City of Commerce along I-710 for overnight truck parking?
 - How to make ZE trucks affordable for small business owners? Is there an innovative mechanism like a housing development trust fund, etc., in which participants contribute money to purchase a property jointly?

Zero-Emission Truck Working Group – Updates

Meetings to-date:

- > November 29, 2021
- > January 25, 2021
- > February 24, 2022
- > March 22, 2022
- > April 19, 2022

Topics reviewed and discussed:

- > Goals and objectives for the 710 South Clean (now ZE) Truck Program
- > Industry perspectives and the role of stakeholders in the 710 South Task Force
- > Air quality and environmental justice challenges and opportunities in the corridor
- > The state of clean truck technology and efforts to accelerate the commercialization of ZE Class 8 trucks
- > Governor Newsom's FY2022 budget and the prospects for ZE trucks and infrastructure funding opportunities
- > Strategies to leverage Metro's \$50 million in seed funding at the state and federal level
- > ZET Program Recommendation and associated policies, programs, and timing for advancing to Metro Board

ZET WG #4 Overview

Summary

- > Held virtually via Zoom on Thursday, March 22, 2022
- > 17 participants (14 Task Force Members, 3 Ex-Officio Task Force Members)
- > Meeting topics included:
 - ✓ Zero-Emission Truck Program Options
 - ✓ Explore Grant Funding Opportunities

Objectives

- > Presented Zero-Emissions Truck Program Funding Opportunities and Partnerships
- > Discussed Zero-Emissions Truck Program priorities, goals, considerations, and next steps

Highlights

- ✓ Presentations from Deputy Assistant Secretary for Climate Policy Andrew Wishnia and Deputy Assistant Secretary for Intergovernmental Affairs Charles Small from the US Department of Transportation on opportunities to partner with the federal government on funding programs
- ✓ Metro highlighted different funding opportunities that can be beneficial to the ZET Program.
- ✓ Metro presented three ZET Program options for consideration
 - Focus on ZE infrastructure only
 - Focus primarily on ZE infrastructure with some targeted subsidy funding
 - Focus primarily on subsidy funding for ZE purchases/leases

Development of the 710 Zero-Emission Truck Program

Options emerging for use of \$50 million:

> **Focus on ZE Infrastructure only**

- Will require a strong community outreach component to plan, site and implement ZE infrastructure
- Work with current pilot programs / early adopters
- Will need fast-tracked Regional ZE infrastructure planning for Metro/Caltrans
 - Partner with SCAG, AQMD, LACI, Communities, etc.
- Many opportunities for Metro to leverage \$50 million many times over – TCEP, IIJA, CARB, CEC

> **Focus primarily on ZE Infrastructure with some targeted subsidy funding**

- Targeted subsidy funding will need to layer on top of other funding sources (Ports, AQMD, CARB, etc.)
- What will be the focus? Small Business, Independent Owners/Operators in corridor, etc.?

> **Focus primarily on subsidy funding for ZE truck purchases/leases**

- Need a strong business case as subsidy need per ZE truck is extremely expensive in near term
 - Also, dependent upon access to ZE infrastructure for charging/fueling.

Task Force Input ZET Program Options

OPPORTUNITIES

- > Focus on seed funding for infrastructure investment in Environmental Justice Communities and not subsidies for vehicles
- > Opportunity to partner with COG/Cities in the corridor on a series of pilot deployments to test acceptance and market users
- > Targeted subsidy funding component would potentially increase clarity regarding the location of infrastructure
- > Significant funding available for Infrastructure for Zero-Emission Trucks for the next 2 years
- > Caltrans SCE Charge Ready Program \$350 million dedicated to infrastructure
- > Match Metro programs with other local programs to gain matching funds/commitment

CHALLENGES

- > Infrastructure to fuel Zero-Emission Trucks is critical
- > Significant time needed to plan and install EV chargers for medium-duty to heavy-duty trucks
- > Support of communities on the location of Zero-Emission Truck Infrastructure
- > Clear, coordinated approach among state agencies is needed where there are overlapping areas of focus
- > Siting of infrastructure must not result in displacement or further harm; construction/operations impacts must be addressed
- > Infrastructure planning and deployment are needed ahead of vehicle deployment
- > Labor and classification issues related to Justice40

Agenda Item #2: Refined Recommendation

710 Zero-Emission Truck Program Draft Recommendation

DRAFT RECOMMENDATION

Metro should leverage its \$50 million on ZE Infrastructure with a small set-aside for targeted ZE truck subsidies.

DEGREES OF AGREEMENT

- I support the proposal
- I can live with the proposal
- I have concerns about the proposal
- I will stand aside on this one

Zero-Emission Truck Working Group Vote

Metro should leverage its \$50 million on ZE Infrastructure with a small set-aside for targeted ZE truck subsidies.

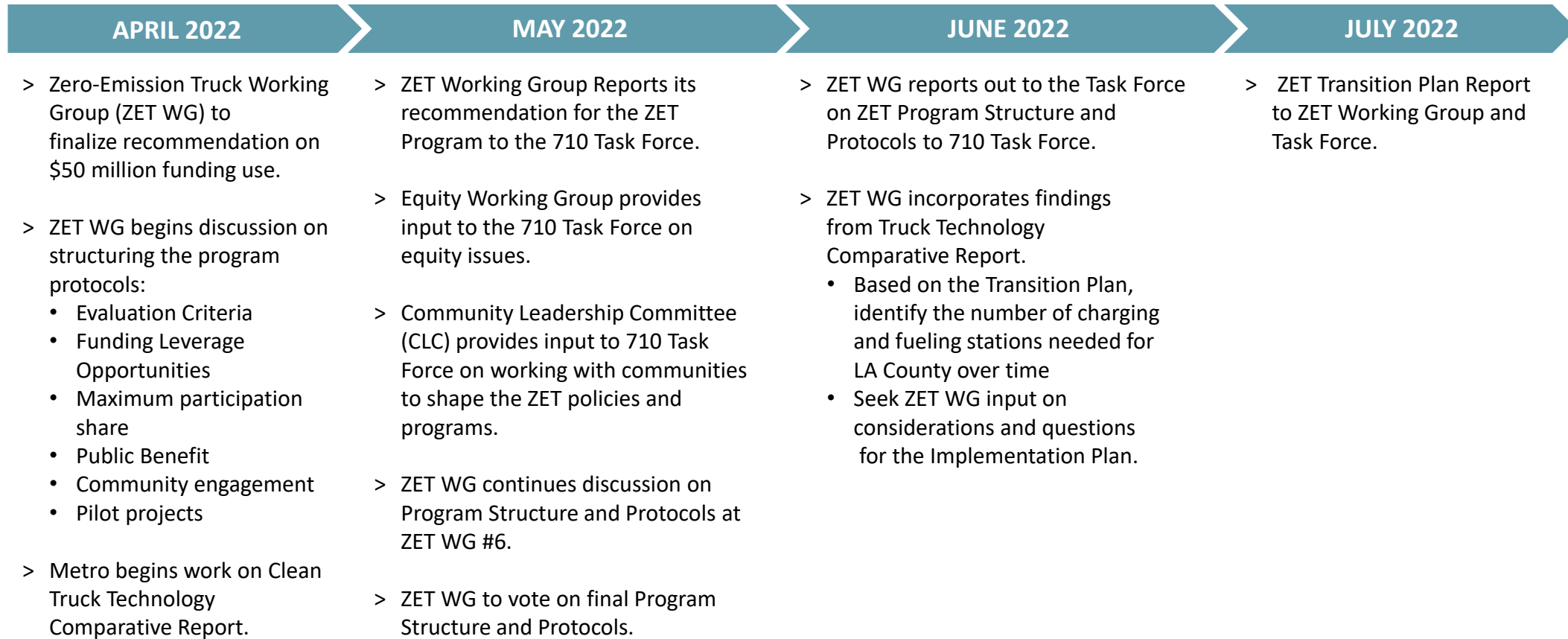
VOTE

- Yes
- No
- Abstain

Agenda Item #3: Next Steps

Zero-Emission Truck Program Development Timeline

This sixteen-week timeline shows key activities and dates for the Zero-Emission Truck Program Development.



Development of the 710 Zero-Emission Truck Program

Elements to consider:

- > Drayage segmentation to create near-to-long term strategies for ZE deployment
- > Consideration of Metro's role and opportunity in relation to other agencies and partners in the region
- > Tax and incentive funding barriers to adoption
- > Workforce development linked to I-710 S Corridor Communities
- > Truck parking + ZE charging/fueling infrastructure
- > Pilot programs to battle entrained particulate matter generation
- > Vegetation and other truck emission mitigations
- > Technology / Innovation applications to reduce Truck VMT / idling

Structuring the ZET Program

- > What other elements should we consider for our program?
- > What eligibility criteria should Metro use to evaluate external requests for use of its funds?
- > Should there be minimum leverage requirements for infrastructure? For truck subsidies?
- > How do we evaluate public benefit?
- > How do we structure community engagement to evaluate the program?

Upcoming Meetings

Working Groups

Equity

> *Tuesday, April 19, 5-7pm*

Zero-Emission Truck

> *Tuesday, May 17, 1-2:30pm*

Community Leadership Committee

> *Thursday, April 21, 5-7pm*

Coordinating Committee

> *Wednesday, April 27, TBD*

Task Force

Task Force Meeting #8

> *Monday, May 9, 5-7:30pm*

Can't attend the meeting? Reach out to us!



Michael Cano, *Deputy Executive Officer,*
Countywide Planning & Development
Metro

One Gateway Plaza, MS 99-13-1
Los Angeles, CA 90012



213.922.4710



710corridor@metro.net



metro.net/projects/i-710-corridor



@metrolosangeles



losangelesmetro