



# Zero Emission Truck Stop, National City

## Presentation and Feedback to Staff on RFP Proposal Finalists

*In Support of MCAS Truck Goal 2*

November 14, 2023 Agenda Item # XX File No. 2023-0273

*Maggie Weber, Principal of Strategic Planning, Energy & Policy*



# Maritime Clean Air Strategy – Health Equity for All



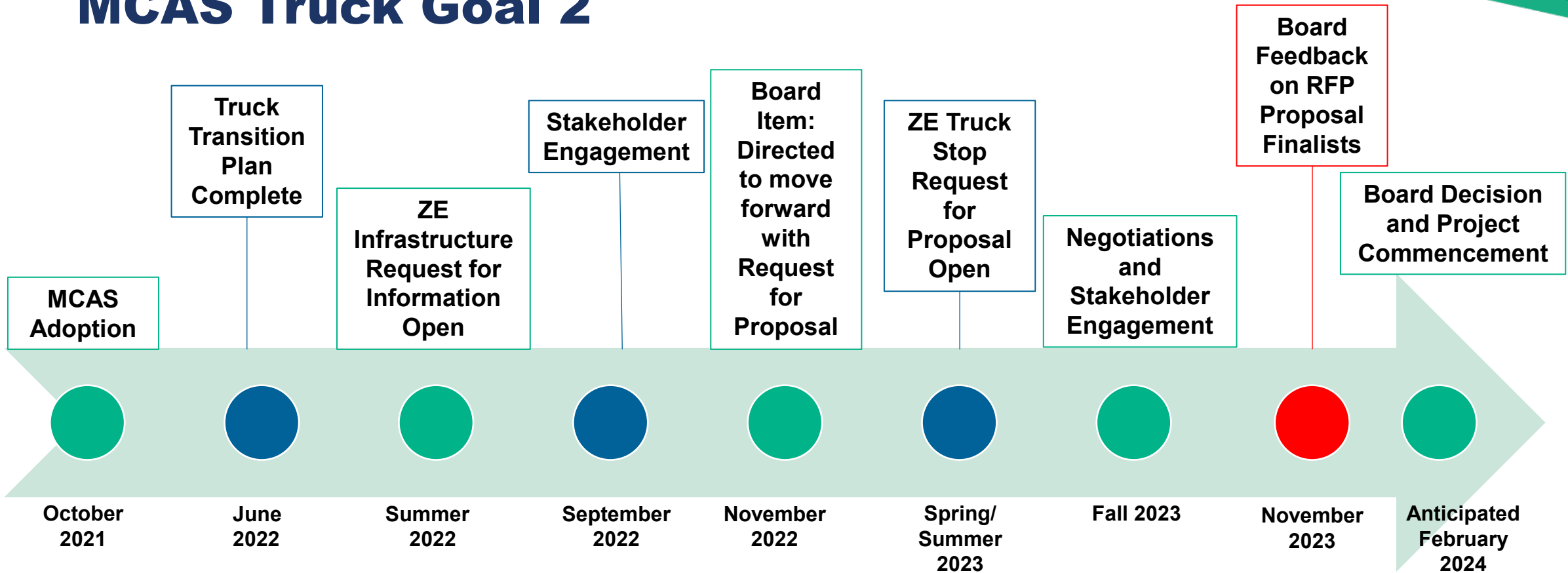
## Heavy-Duty Truck Zero Emission Goals

- **40%** zero emission truck trips by **June 30, 2026**
- **100%** zero emission truck trips by **end of 2030**

**Truck Goal 2:** Facilitate the deployment of infrastructure to support the transition to zero emission truck trips to the Port's marine cargo terminals.

# Implementation Timeline

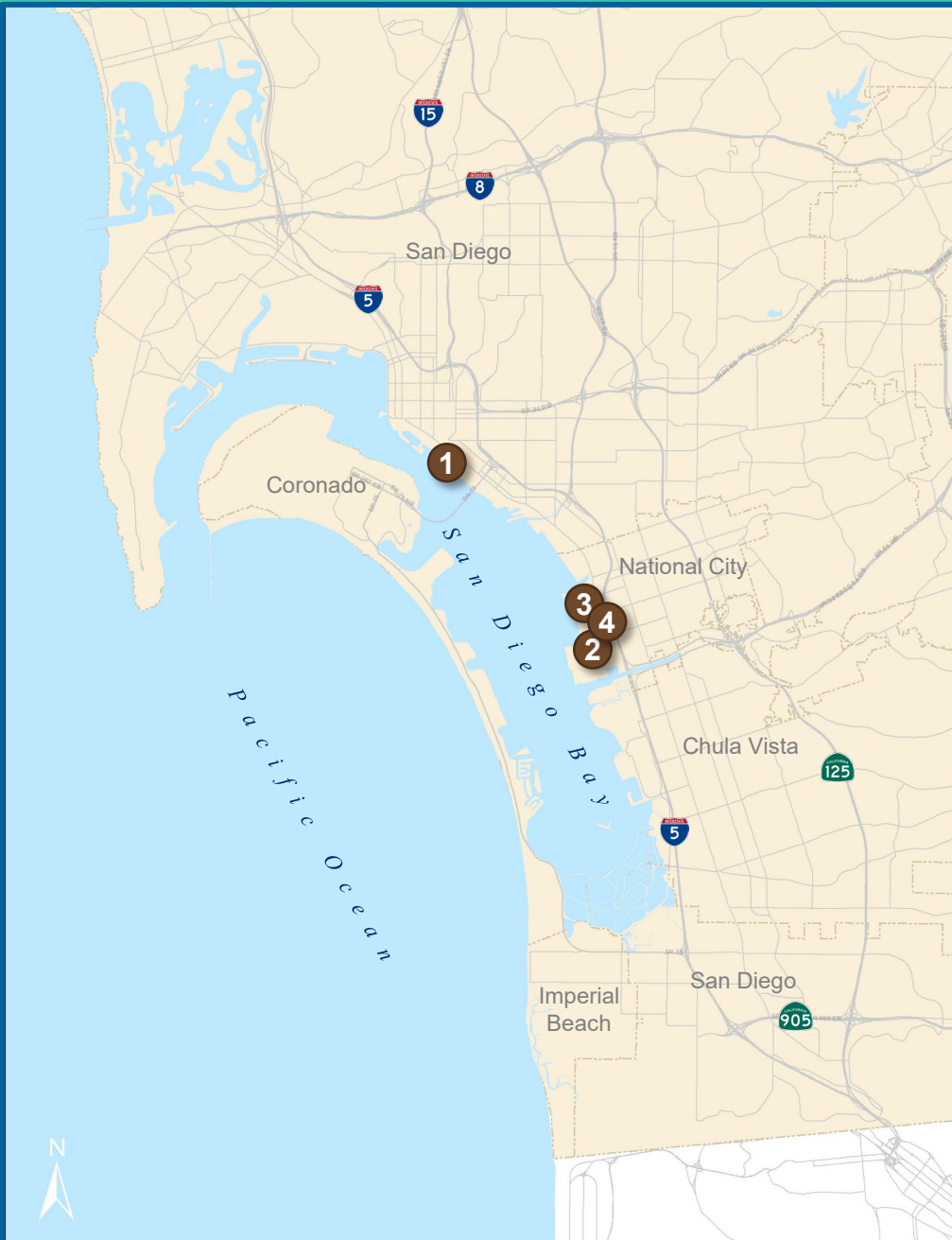
## MCAS Truck Goal 2







# Map of RFI Proposed ZE Truck Infrastructure Sites



1. Dirt Lot @ TAMT (San Diego)

2. Pepper Oil (National City)

3. 19<sup>th</sup> Street/ Tidelands Ave.  
NORTH (National City)

4. 19<sup>th</sup> Street/ Tidelands Ave.  
SOUTH (National City)



# Zero Emission Truck Stop

**Request for Proposals** (April 24, 2023 - August 9, 2023)

- Respondents asked to submit a proposal that includes:
  - **Battery Electric Technology**
  - **Project design** in a phased approach, specifying how many EVSE units and their energy level, location, and triggers
  - **Business model** (e.g., Charging as a Service, Trucking as a service, revenue share)
  - **Distributed Energy Resources** (e.g., Solar panels, microgrid battery)
  - **Community Benefit**
  - **Revenue Sharing**
  - **Onsite Amenities**
  - **Preferential Charging** for trucks serving the Port







# **Presentations from RFP Proposal Finalists**

Gage Zero LLC

Skychargers LLC



# Zero Emission Truck Stop Responses

## Gage Zero LLC

- Proposed development on Parcel 3
- Proposing two phases – 20 dual port EVSEs (40 total)
- Extensive research about District, operations, and tenants

## Skychargers LLC

- Proposed development on Parcel 1 ~ and entire area if utilization rate demands
- Proposing two phases to start – 63 dual port EVSEs (126 total)
- Established partnership with extensive experience





# Stakeholder & Community Engagement

- **District's Maritime Stakeholder's Forum** – September 21, 2023
- **San Diego Gas and Electric** – September 25, 2023
- **Caltrans District 11** – October 10, 2023
- **National City, City Council** – October 17, 2023
- **Barrio Logan Community Planning Group** -October 18, 2023
- **Environmental Health Coalition** – October 25, 2023
- **SANDAG** – October 26, 2023
- **Board of Port Commissioners** – November 14, 2023
- **AB 617 Portside Communities Steering Committee** – November 28, 2023\*



*\*Due to a full agenda in September and October, the Steering Committee was unable to agendize this item until after this Board meeting*





## Next Steps

- **Today:**  
Board Questions & Feedback
- **December 14, 2023:**  
Revised Proposals from Gage  
Zero & Skychargers due to Port  
Staff
- **February 2024 Board Meeting:**  
Staff Recommendation on Final  
Proposal Selection



# *Thank you*



**PORT of  
SAN DIEGO**  
Waterfront of Opportunity