



## Joint CTAC and WDAC Meeting – Quarter 2, 2025

June 18, 2025



**EPRI**



# Meeting Agenda

1. Welcome
2. Team & Attendee Introductions
3. Ice Breaker Question
4. eTRUC Project Goals
5. Project Updates
6. Re-elevating Tools
7. Looking Ahead
8. Group Discussion
9. Closing Remarks

## GRID Alternatives Greater Los Angeles



Shameka  
Dixon



Stella  
Ursua



Giovany  
Hernandez

## CALSTART



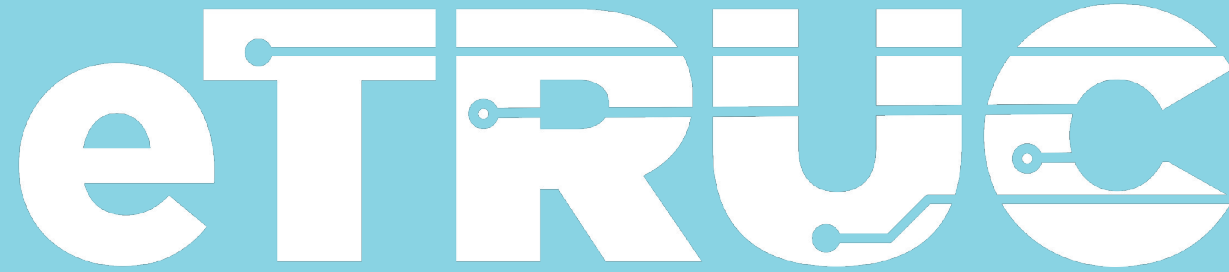
Erin  
Wimberly



Giovanna  
Escamilla

# Introductions





## ICE BREAKER QUESTION

- **Breaking out into 2 small groups:**

Share with one another who your favorite CBO in CA is and why.

# Project Overview



## Project Purpose

- Create a California research hub to facilitate and accelerate the electrification of the heavy-duty (HD) drayage vehicle market in key areas.

## Project Goals and Objectives

- **Advance Research, Development, and Demonstration (RD&D) activities that extend the delivery range** of large weight class battery electric trucks beginning with drayage operations.
- **Engage broad stakeholders with a 'Community-First' approach** and use input to **promote equity and workforce development** opportunities in priority communities.
  - Pollution burdened and impacted communities
  - Truck fleets, charging equipment and service providers, electric utilities, and planning agencies
- **Plan, design, and deploy innovative, scalable public corridor charging strategies** for HD electric trucks, beginning with drayage trucks.



## Community-First Technology Advisory Committee (CTAC)

### GOALS:

Use a community-first engagement framework to ensure that pollution-impacted, underserved, and tribal communities are involved in creating and guiding the initiative.

### OBJECTIVES:

- Inform the project on community engagement, needs, and impact
- Dissemination and solicitation of input on project activities from community members and groups
- Promotion of equity in priority communities
- Foster a community-driven partnership for technology and zero-emission freight corridor development, planning, and site prioritization

## Workforce Development Advisory Committee (WDAC)

### GOALS:

Ensure that pollution-impacted, underserved, and tribal communities are involved in creating and guiding the initiative and that these priority communities are involved and benefit from the larger clean energy transition, HD electrification, jobs created, and other resultant economic opportunities.

### OBJECTIVES:

- Inform the project on workforce development needs and desired impacts for priority communities.
- Communicate project activities to relevant key partners and stakeholders.
- Promotion of equity & workforce development opportunities in priority communities.
- Foster workforce development partnerships in the targeted priority communities for zero-emission freight corridor technology and development, planning, and job creation.

A photograph of a blue electric truck parked at a charging station. The truck's battery pack is exposed on the side, and an orange charging cable is plugged into a charging port on the left. The background shows a clear blue sky with some clouds.

# Overall Project Updates



# Overall Project Updates

## ZEV Training Hub

- eTRUC's ZEV Training Hub - interactive workforce training navigation tool now live on eTRUC.org!

## Advanced Transportation Research Center

- eTRUC's Advanced Transportation Research Center is now open for Phase A testing at SCE's EV charging laboratory in Pomona, CA.

## Pilot Demonstration Sites

- Pilot sites in Ontario and Carson, CA are expected to go live later this year.

## Regional Freight Heatmap 2.0

- eTRUC's Regional Freight Heatmap 1.0 has been live on the eTRUC website! Working on 2nd version which incorporates an equity layer.

## Workforce Development (WFD) Mapping Tool

- eTRUC's WFD Tool's Accompanying Methodology Memo is complete! Working on incorporating eTRUC modeling results and visualization for eTRUC website.

## Technology Transfer Activities

- Find us on LinkedIn, Instagram, Twitter, and Facebook



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# Advanced Transportation Research Center

The grand opening of the Advanced Transportation Research Center in Pomona, CA on May 1st, 2025.



**eTRUC**



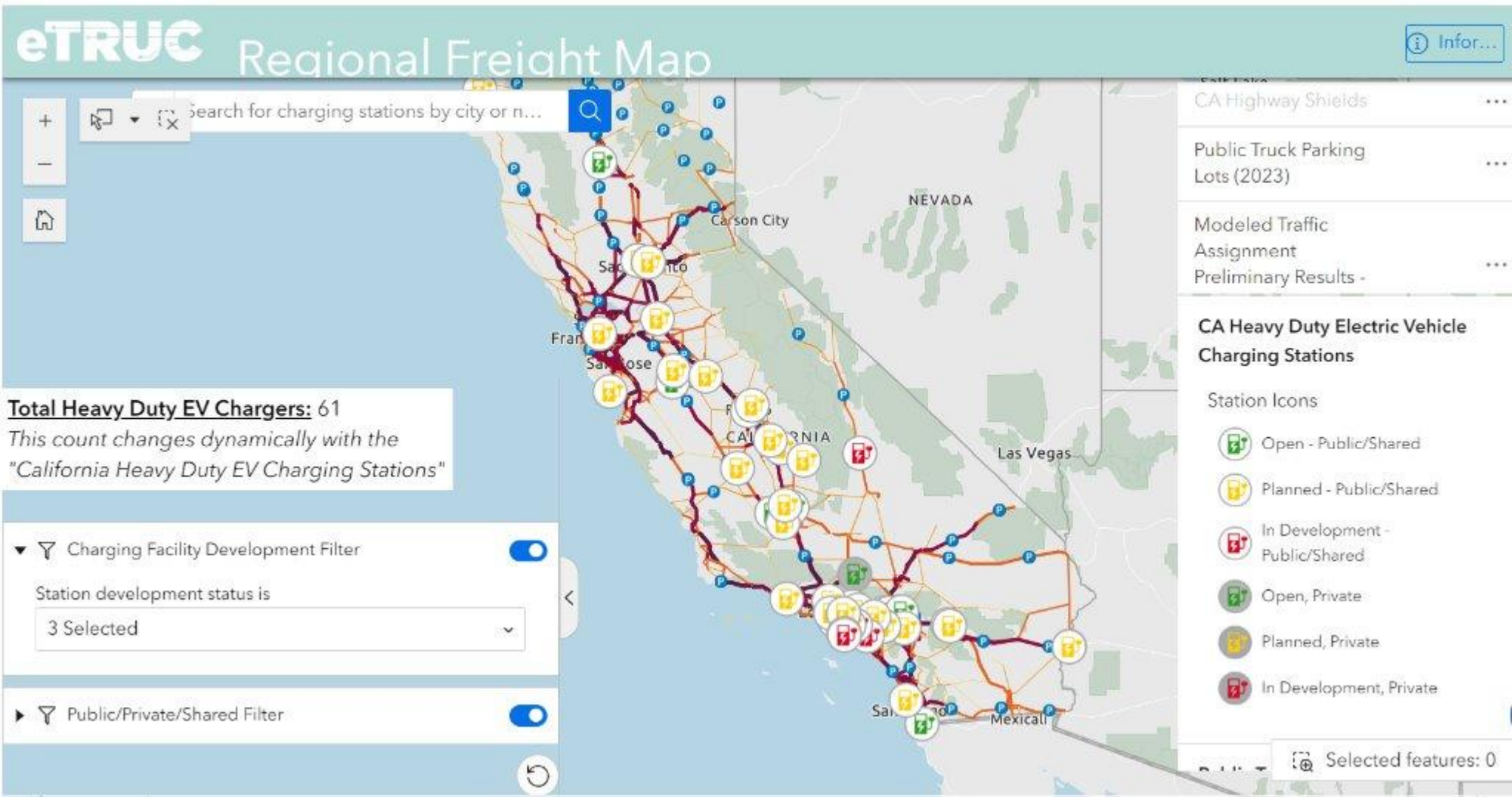
# RE-ELEVATING TOOLS





# eTRUC Heatmap 1.0

Displays truck travel data, existing and in-development truck charging stations, current truck parking locations



## Workforce Development Mapping Tool – Statewide (county-level)



### LEGEND:

University Research Centers



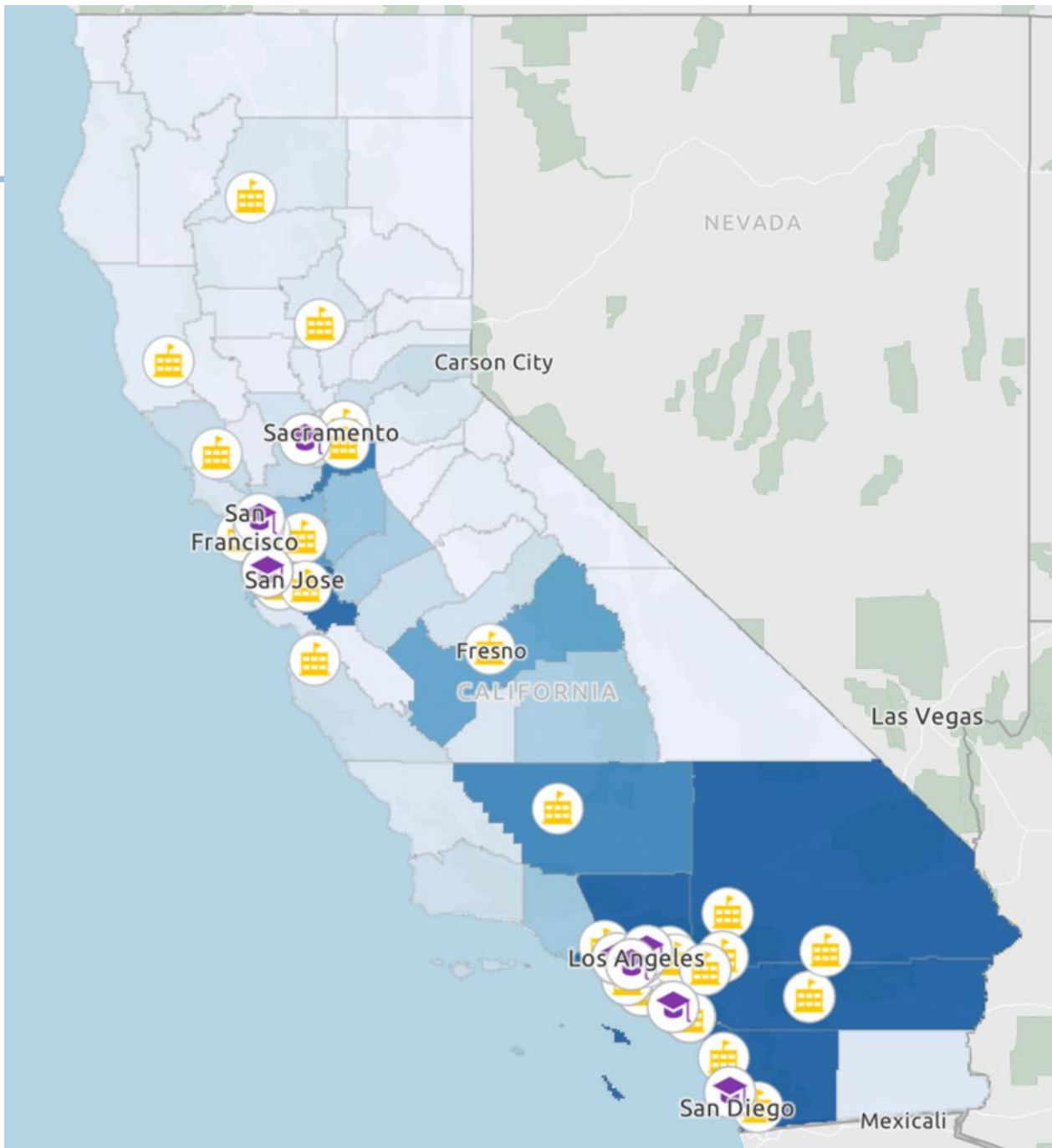
ZEV Training Programs



California ZEV Infrastructure Job  
Forecast 2030



Full\_Time\_Workers





# ZEV Training Hub

eTRUC's ZEV Training Hub - Workforce Navigation Tool features 60+ training programs, community college degrees, and certifications across California.

## ZEV Training Program Finder

Use the filters below to find the right ZEV training program for you.

### ZEV Filters

Reset all

Energy x

City

Cost of Program in \$

0

31000

Prerequisites

Program Length

Sort by

Name A-Z

Search by keyword



12 Zev Training Programs Found

A.C.T Electrical Lineworker Program

**Program Provider:** American Career Training

**Certification Type:** Training Program



# ZEV Training Hub

Examples of trainings/courses available in the tool.

## Pre-Apprenticeship Green Construction Training

**Program Provider:** Cypress Mandela Training Center

**Certification Type:** Training Program

**Program Length:** 16 Weeks



[+ Details](#)

## Solar Installation Basics Training Program

**Program Provider:** GRID Alternatives

**Certification Type:** Solar Installation Certification, CRP, OSHA 10

**Program Length:** 13 Weeks



[+ Details](#)

## Substation Technician Program

**Program Provider:** California-Nevada JATC Power Lineman Program

**Certification Type:** Apprenticeship

**Program Length:** 3 Years



[+ Details](#)

## Electrical Lineworker Program

**Program Provider:** Northwest Lineman College

**Certification Type:** Training Program

**Program Length:** 15 Weeks



[+ Details](#)

## EVSE Technician Online Course

**Program Provider:** ChargerHelp!

**Certification Type:** Training Program

**Program Length:** 60-day access



[+ Details](#)

## Green Vehicle Technology

**Program Provider:** American River College

**Certification Type:** Associate of Science

**Program Length:** 3 Years



[+ Details](#)



An aerial photograph of the Port of Los Angeles. The San Pedro Bridge, a large green suspension bridge, spans the water. On the left, several large container cranes are visible. In the foreground, there is a parking lot with many cars, palm trees, and a small building. The water is blue, and the sky is clear.

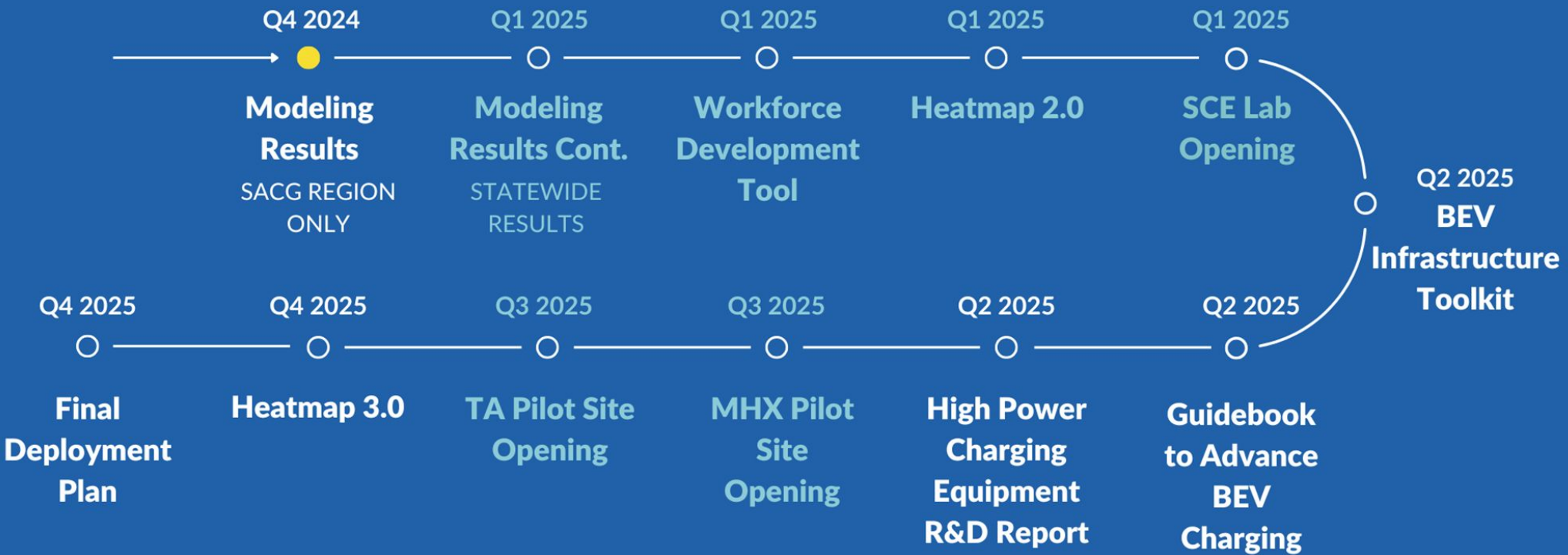
# LOOKING AHEAD



# Upcoming Deliverables

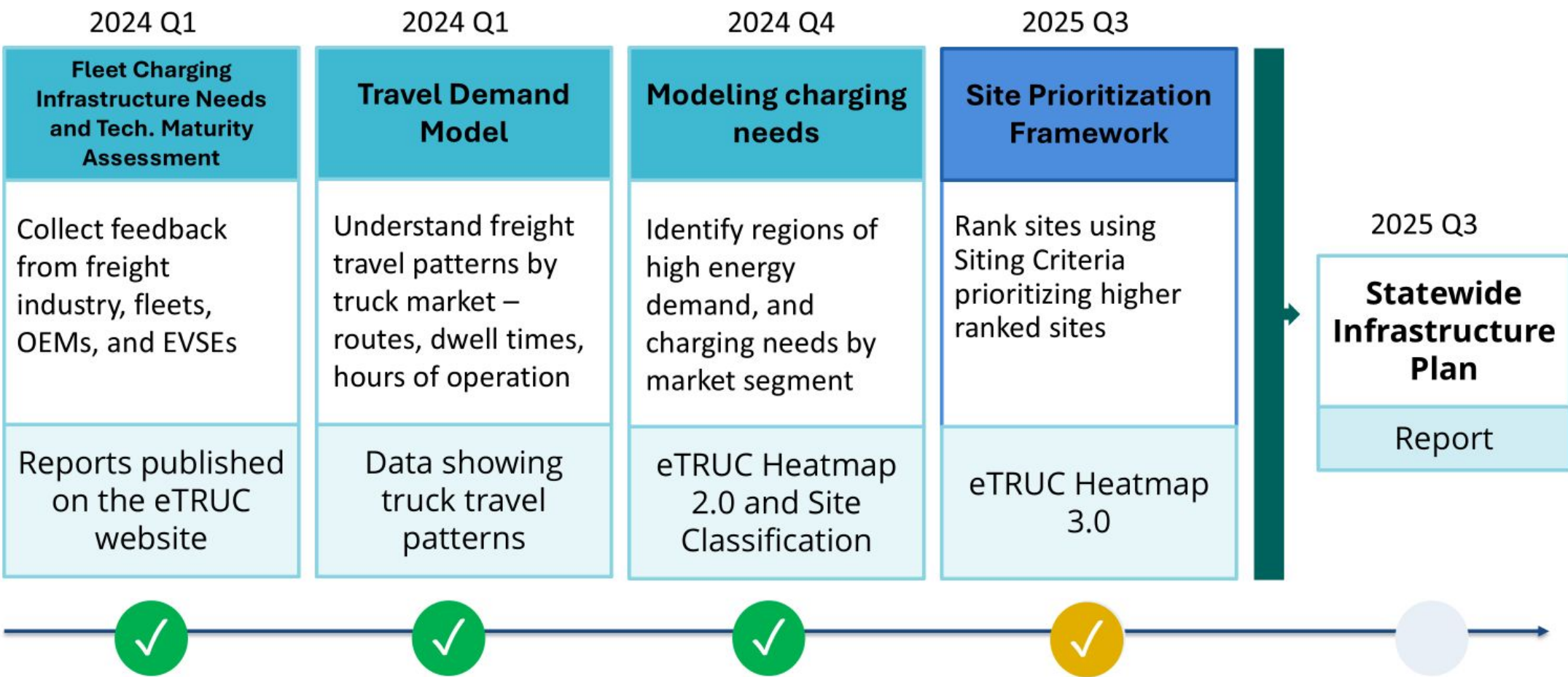


## eTRUC CHRONOLOGICAL TIMELINE





# Upcoming Deliverables

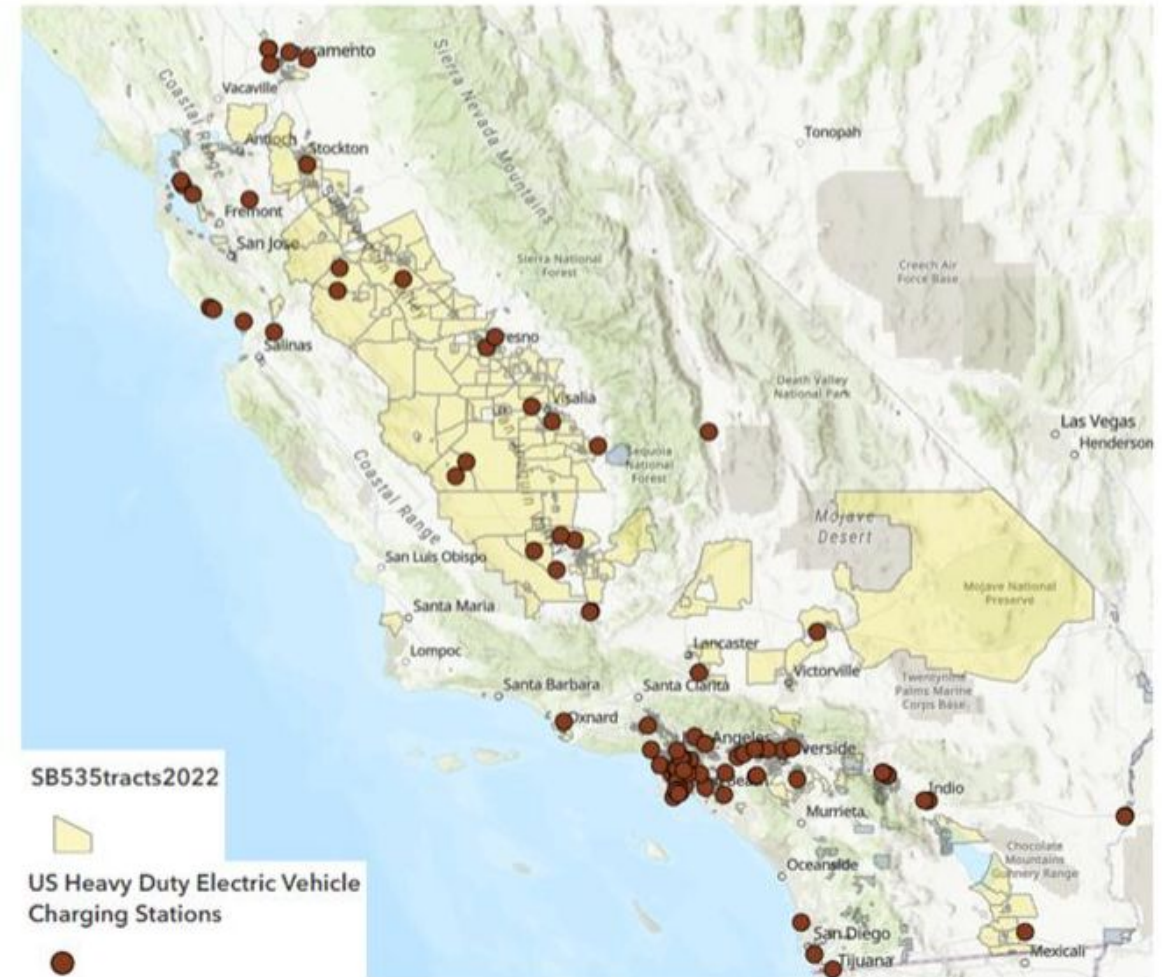


# Heatmap 3.0 Equity layer

## Objectives:

- Identify communities most affected by freight travel pollution burdens.
- Track current MDHD charging infrastructure deployment in disadvantaged communities (DACs)
- Identify where future MDHD charging infrastructure will intersect with DACs
- Provide tools and visual aids to support community engagement initiatives: CTAC and CBO stipends

## First Stage of Equity Layer: Overlay current and Planned MDHD charging station with DAC layer.



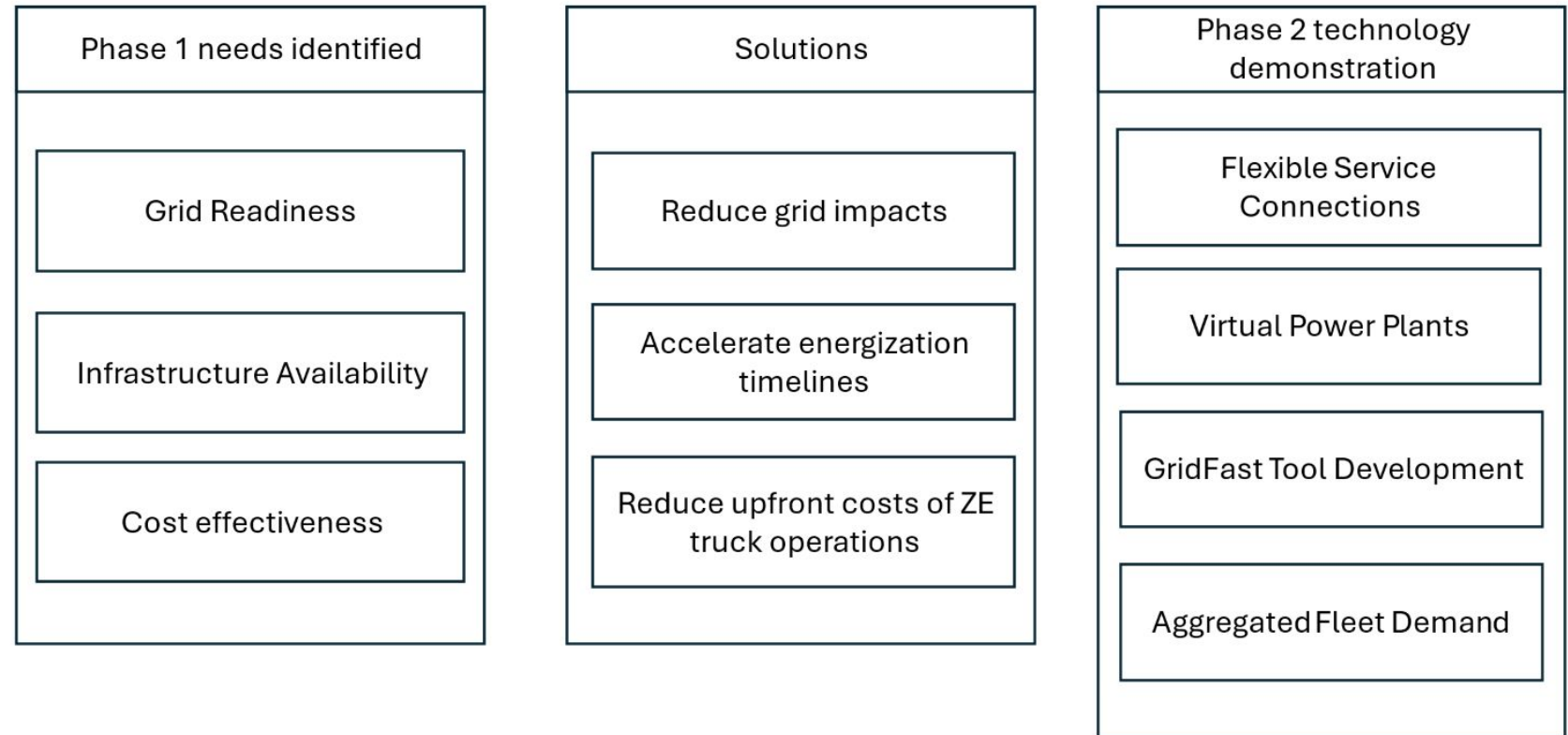
# eTRUC Phase 2 Planning



## **Targeted focus from solicitation:**

Innovations and demonstrations of pre-commercial technologies that can further improve functional improve charging rates, reduce grid impacts, or improve cost-effectiveness of corridor charging for HD BEVs.

## **Candidate topics (not yet confirmed)**



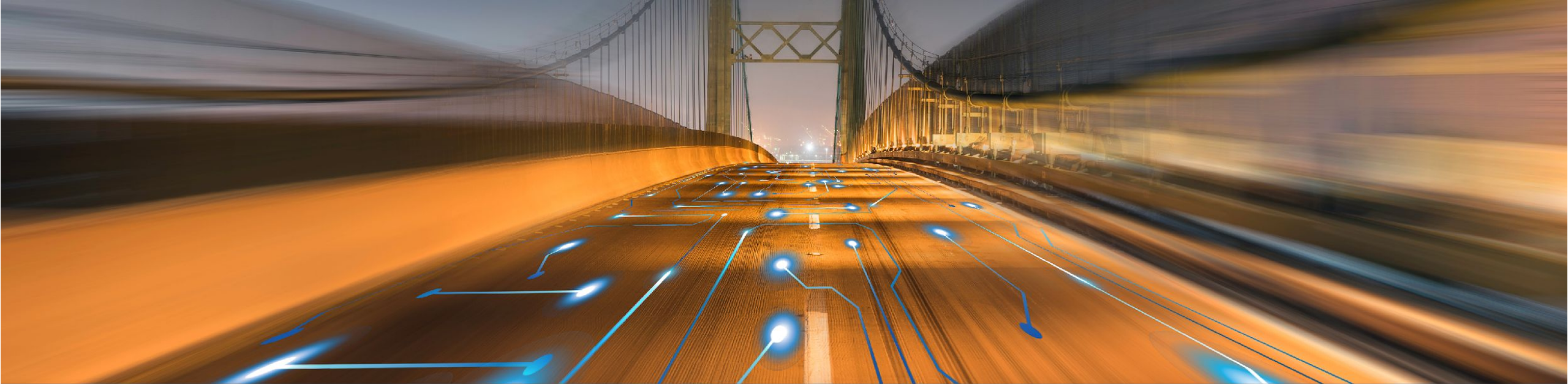




## Discussion:

**Whether you've joined us before or this is your first time, we'd love to hear your thoughts on what we shared today—from the project background and updates to the tools we introduced. What stood out to you? What else would you like to see included? We welcome all ideas, questions, and suggestions as we continue shaping this work together.**





## Next Steps

### **Near-term Actions:**

- Next CTAC Meeting: October 2025 (exact date TBA)
- Next WDAC Meeting: October 2025 (exact date TBA)

# Contact Us

## GRID ALTERNATIVES GREATER LOS ANGELES



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# Contact Us

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# THANK YOU!



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Q&A