Planning Grant to Electrify Trucks

A presentation by Lowell Chu
California Energy Commission

45 applicants
19 awardees

3 years
- SF Bay Area Water Emergency TA
- East Bay Clean Energy

$200K

Planning Doc to Electrify Trucks & Vans
Purpose

SF: “create a Blueprint that accelerates and advances MHD ZEV adoption of large and small fleets.”
Goals

- Collect Fleet Data & Conduct Analysis
- Engage w/ Stakeholders
- Create a Charging Infrastructure Map to Ease Siting
- Identify Actions, Policies & Innovations
- Create a Blueprint that Results in 10,000 MHD by 2030
Electrify Municipal & Small Local Fleets

Charging Infrastructure Map

Blueprint w/ Playbook
Measurable

- # of Actions, Policies, Innovations
- # of Stakeholder Engagements
- # of Optimal Locations for Chargers
Achievable

Arup

MD/HD ZEV Working Group

Building off of Current Work

U.S. Department of Energy
ICCT Research

CARB Advanced Clean Trucks Regulation

EV Roadmap: 10K ZEV Trucks by 2030
Start to Finish: 36 months
Summary

Goal 1: Inventory & Analyze Fleets – 6 months
Goal 2: Stakeholder Engagement – 6 months
Goal 3: Draft Charging Infrastructure Map – 9 months
Goal 4: Identify Actions, Policies & Innovations – 9 months
Goal 5: Draft Blueprint w/ Playbook – 6 months

3 Years / $200k / 10k ZEV x 2030
Contact

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