



**SF** Environment

**Our home. Our city. Our planet.**

A Department of the City and County of San Francisco

# Planning Grant to Electrify Trucks

A presentation by Lowell Chu





## California Energy Commission



**45** applicants  
**19** awardees

**\$200K**

**3** years

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

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



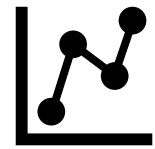
Create a Blueprint that Results in 10,000 MHD by 2030



 **Electrify Municipal & Small Local Fleets**

 **Charging Infrastructure Map**

 **Blueprint w/ Playbook**



**# of Actions, Policies, Innovations**



**# of Stakeholder Engagements**



**# of Optimal Locations for Chargers**





**Arup**



**MD/HD ZEV Working Group**

**A**



U.S. Department of Energy

**Building off of Current Work**



**ICCT Research**

**CARB Advanced Clean Trucks Regulation**

**EV Roadmap: *10K ZEV Trucks by 2030***





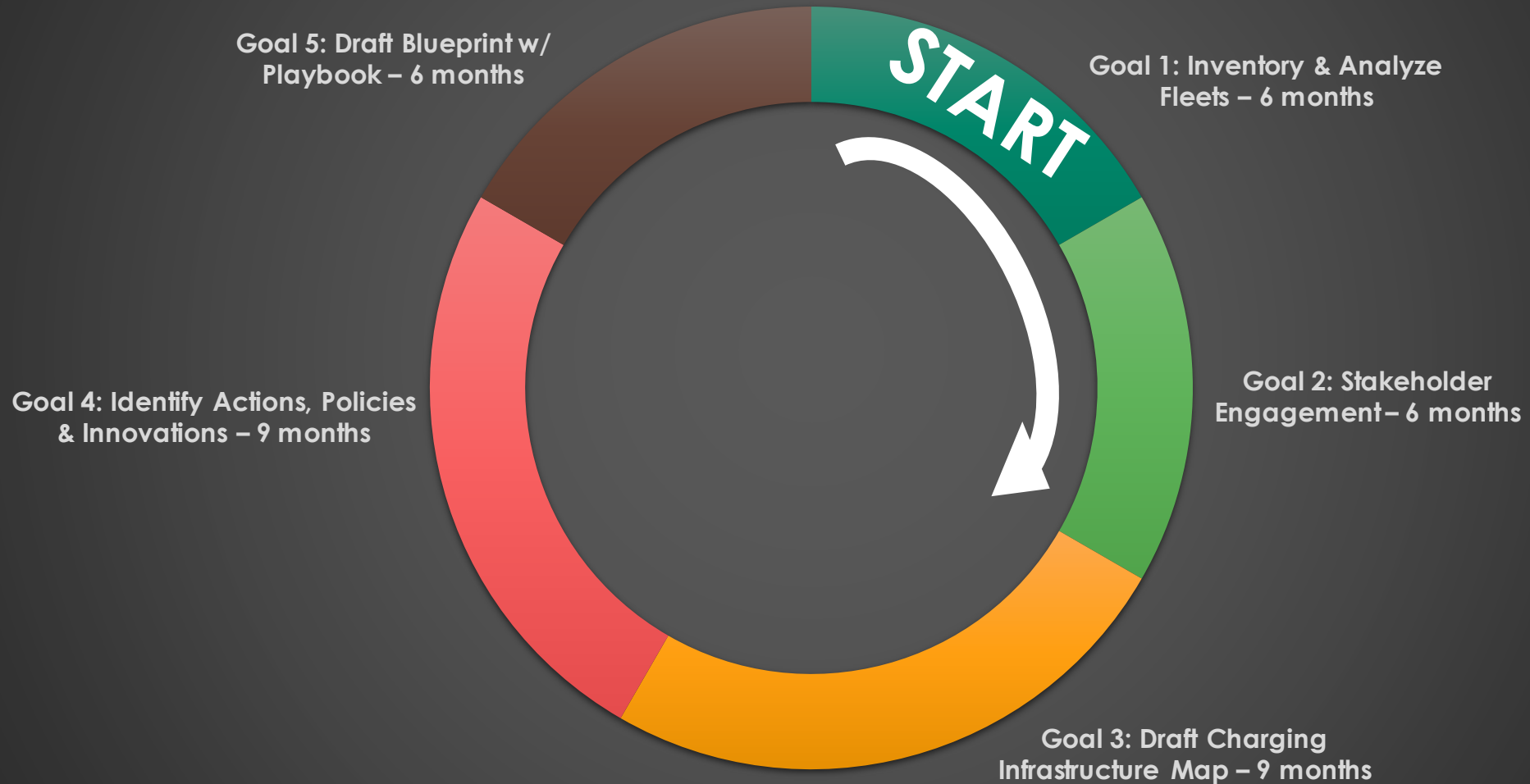
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**Start to Finish: 36 months**

# Summary



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





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