



CALSTART

Priorities for Zero- Emission Transportation Senate Transportation Committee

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CALSTART

Framing the Problem



We must drive a rapid increase in ZEV purchases, Transportation Equity and VMT reduction to meet air quality & climate goals



Market transformation is still nascent- MHD-ZEVs cost 30-300% more up-front than a diesel vehicle



Advanced Clean Trucks rule –requires **rapid** market transformation



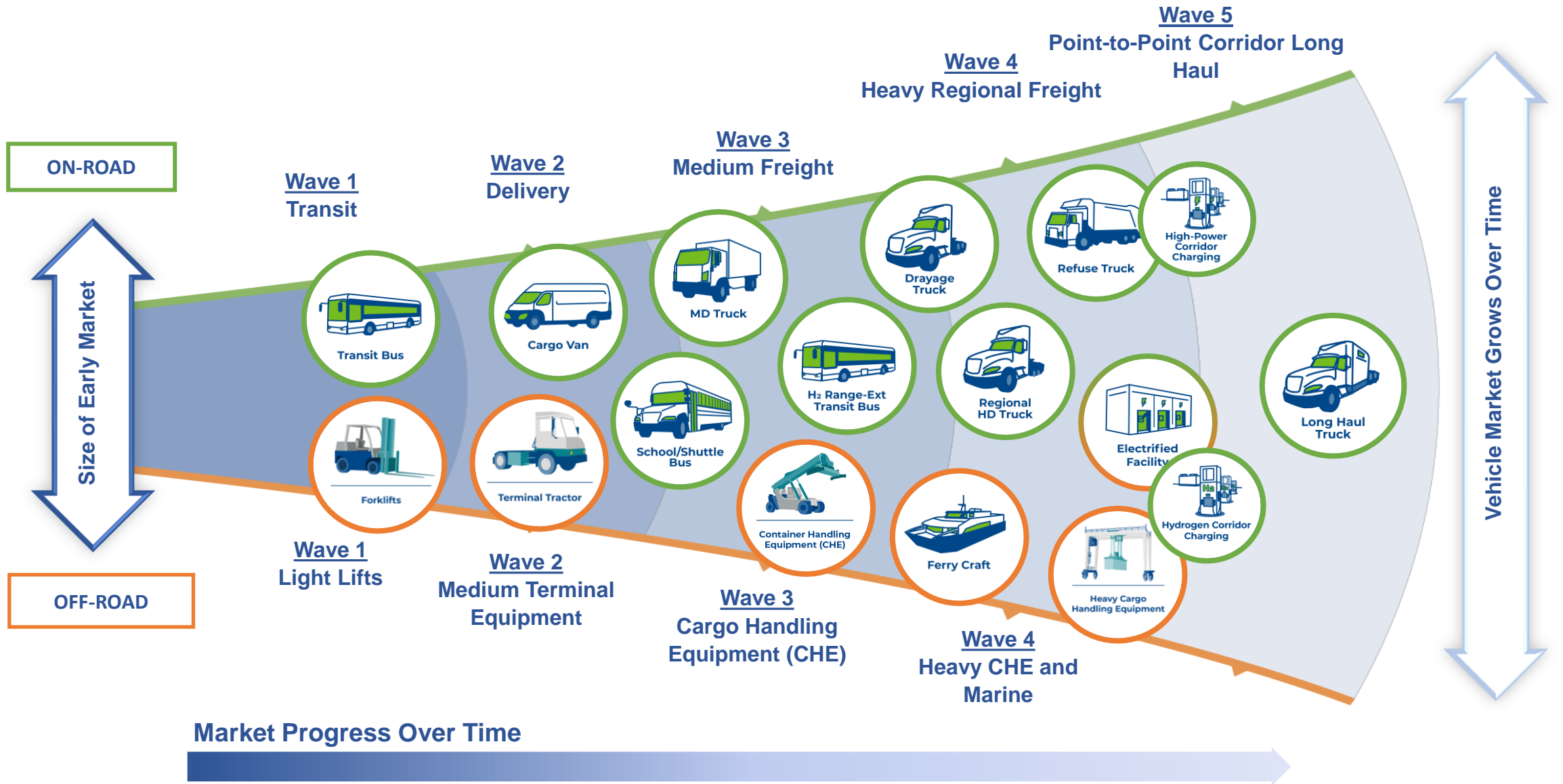
GGRF revenues: >66% continuously appropriated - Clean vehicles + equity programs receive **0-15%, on average**



Communities want zero-emissions transit & mobility options now



Initial purchase price for a ZEV/ ZEV infrastructure is the **# 1 barrier to Fleet Adoption**

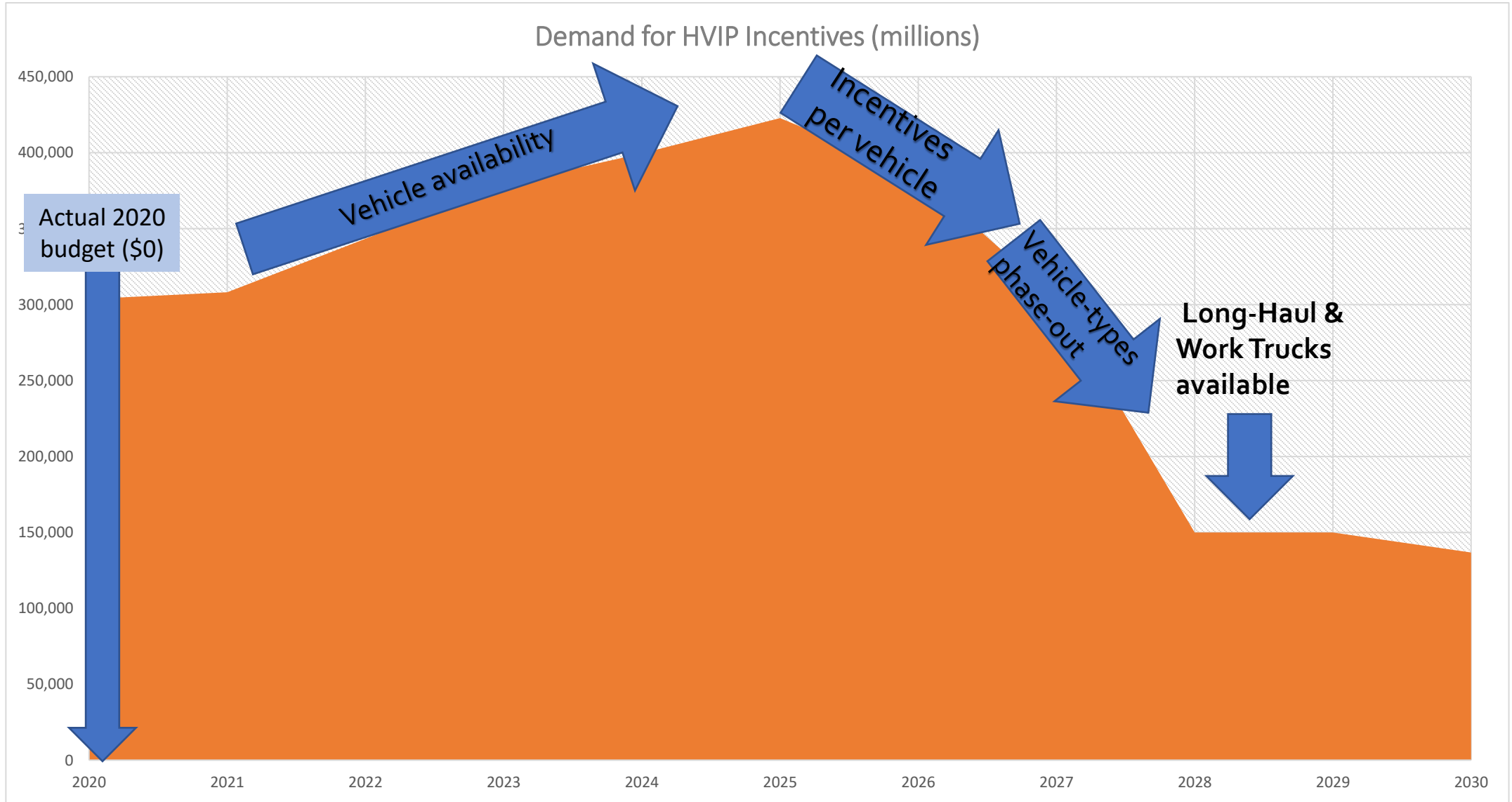


Similar drivetrain and component sizing can scale to early near applications

Expanded supply chain capabilities and price reductions enable additional applications

Steadily increasing volumes and infrastructure strengthen business case and performance confidence

Modeled Long Term Funding Needs for MHD-ZEVs (*2019 Projections-CALSTART)

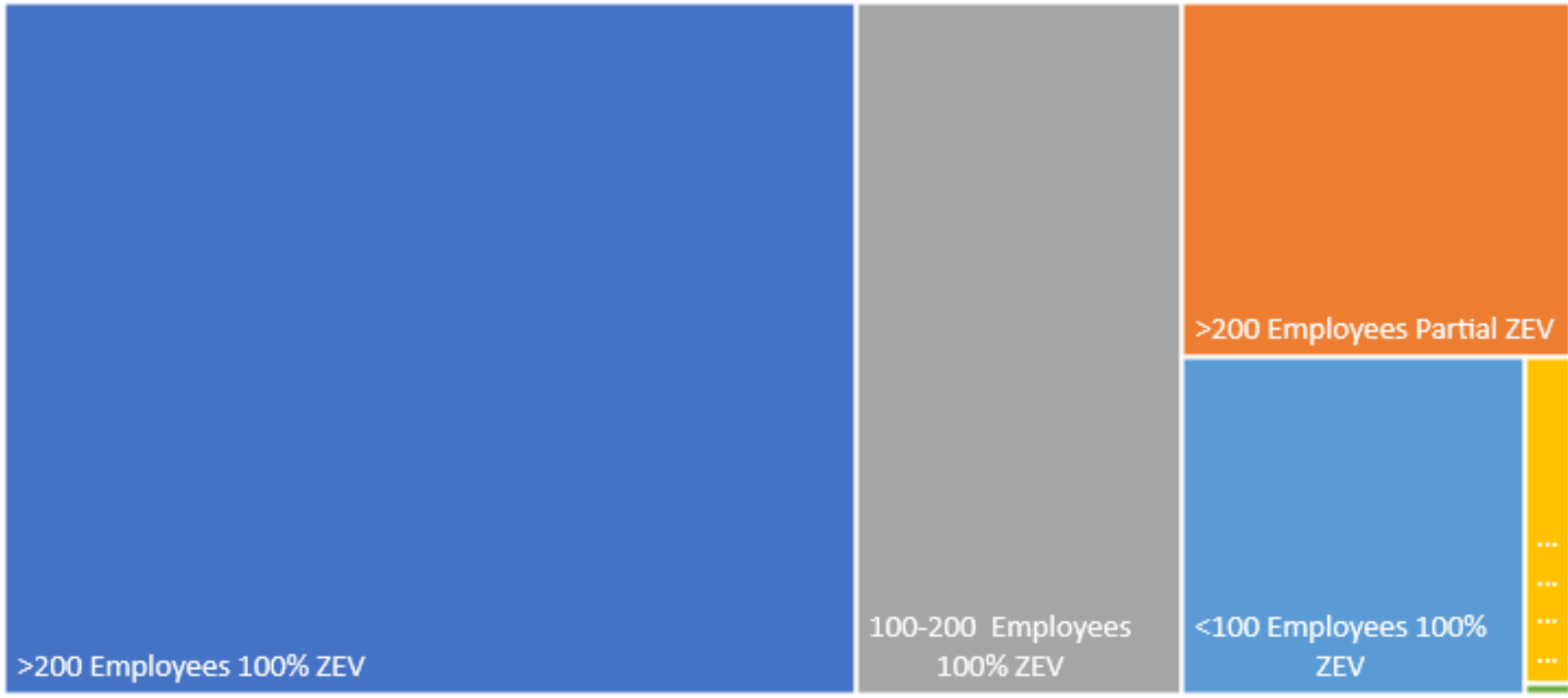


ZEV Manufacturing/ Supplier Study Results

Our study has yielded **69,273 ZEV jobs** in California, at **360 unique companies**, at **419 different locations**.

Breakdown of ZEV Jobs by Business Type

- >200 Employees 100% ZEV
- >200 Employees Partial ZEV
- 100-200 Employees 100% ZEV
- 100-200 Employees Partial ZEV
- <100 Employees 100% ZEV
- <100 Employees Partial ZEV



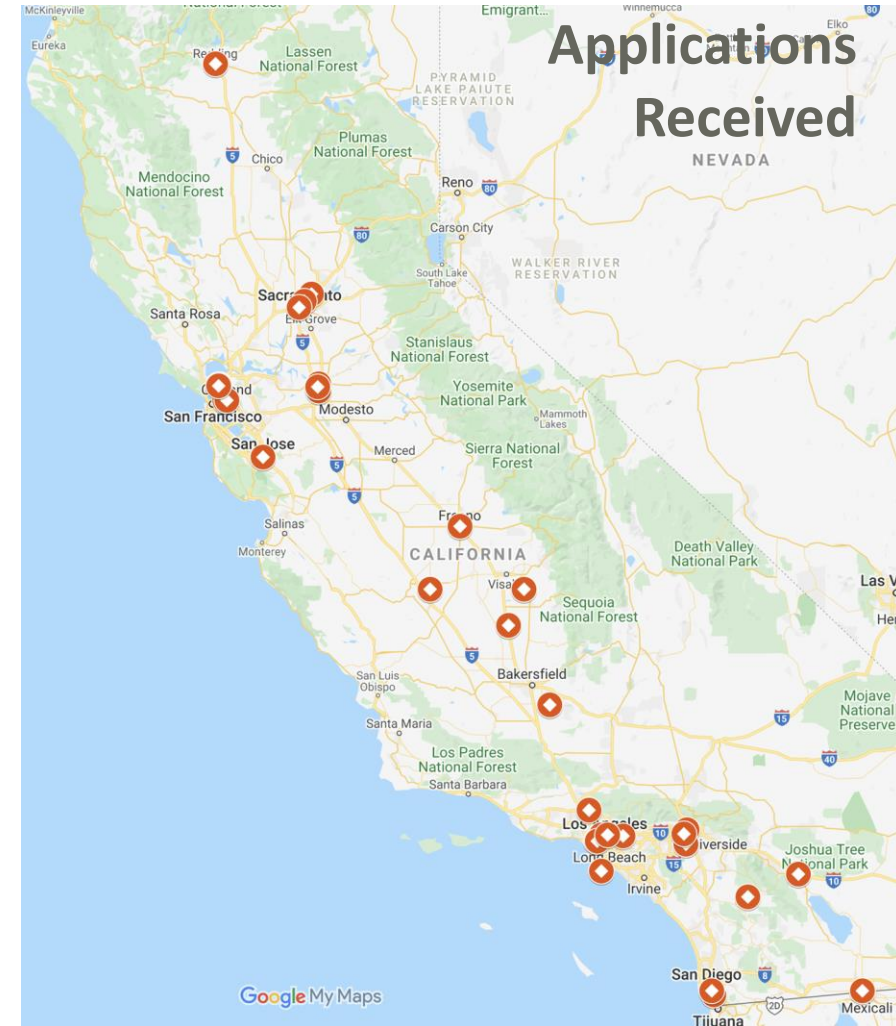
Clean Mobility Options Voucher Pilot Program: Mobility Project Voucher

\$20M Funding Available - \$1M per project

- Zero-Emission Shared Mobility Projects in historically underserved CA communities:
 - Zero-emission carsharing, carpooling/vanpooling, bike/scooter-sharing, innovative transit services, and ride-on-demand services
- Eligible entities: non-profits, tribes, public agencies

Program Oversubscribed

- Nearly \$32M Funding Requested within minutes
- High demand across 14 Counties
- ~20 awards soon to be announced





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Thank You

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