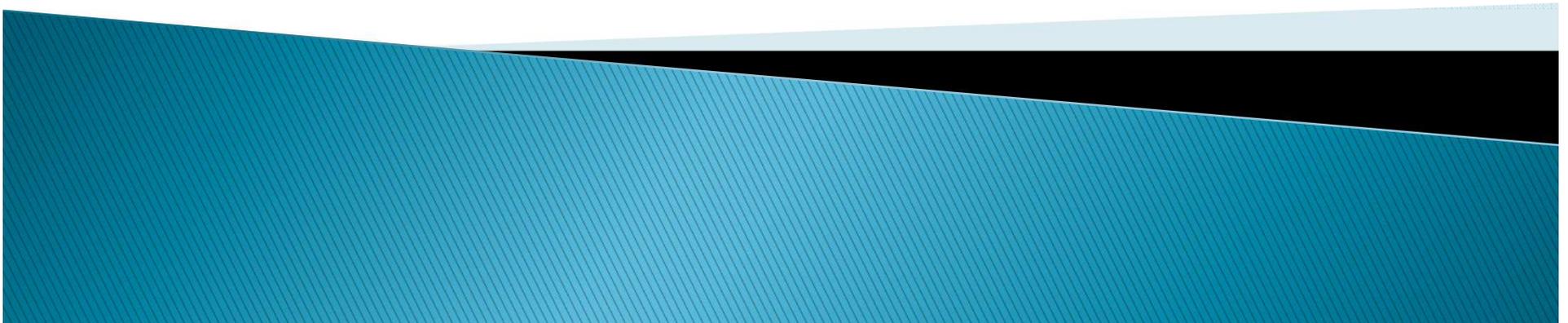


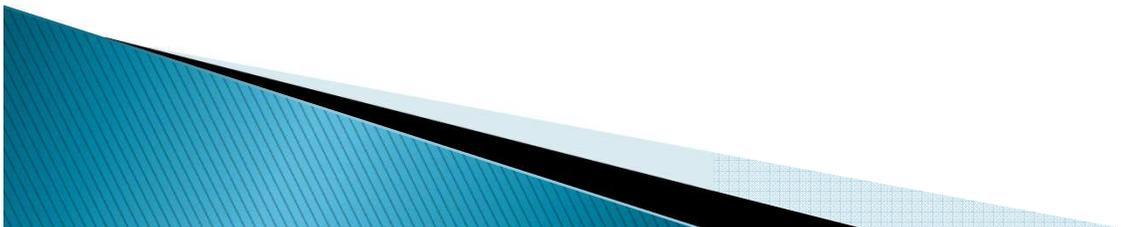
PEV Infrastructure Information Gathering Meeting

Air Resources Board
May 27, 2014
Sacramento, CA



Logistics

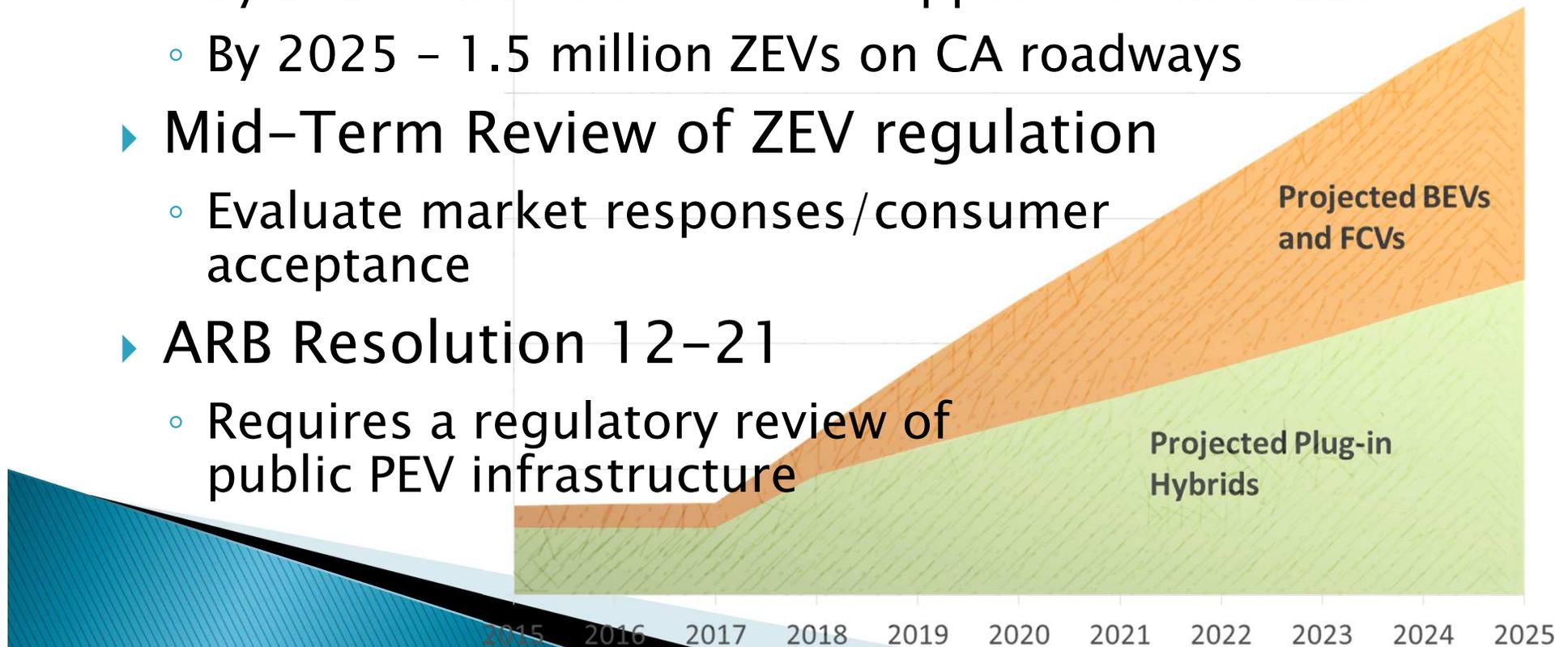
- ▶ Emergency/Restrooms/Access
- ▶ Overview of today's meeting
- ▶ Planning for next meeting – late June
- ▶ Lunch (12:30)
 - Pre-order sandwiches by 10:30



PEV Infrastructure Evaluation

Driving Forces

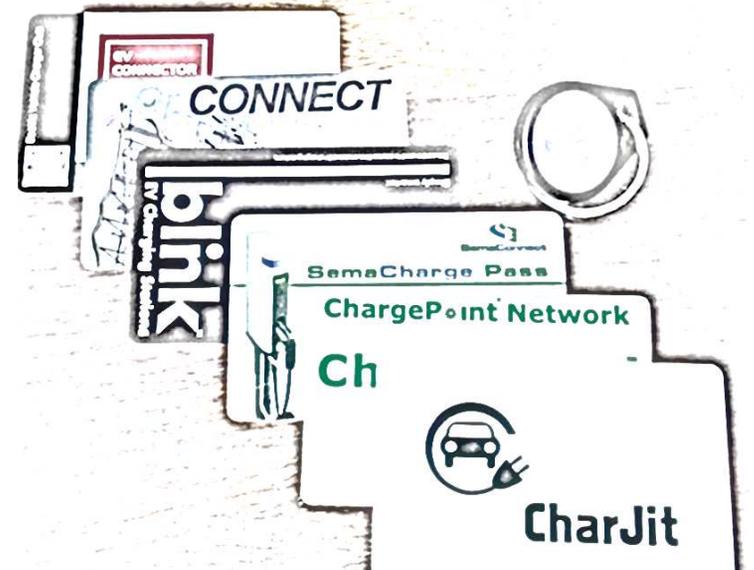
- ▶ California Zero Emission Vehicle regulation
- ▶ Governor's Executive Order B-16-2012
 - By 2020 – Infrastructure to support 1 million ZEVs
 - By 2025 – 1.5 million ZEVs on CA roadways
- ▶ Mid-Term Review of ZEV regulation
 - Evaluate market responses/consumer acceptance
- ▶ ARB Resolution 12-21
 - Requires a regulatory review of public PEV infrastructure



Qualitative Evaluation of PEV Infrastructure

Report will include:

- Inventory of public chargers and PEVs in CA
- Investments made and future financial commitments
- Trends in EVSE equipment and installation costs and pricing for charger usage
- Status of codes, standards and PEV readiness efforts
- Factors affecting drivers' preference and usage of workplace and public chargers
- How utilities are preparing for demand increases and load shifts
- Findings and recommendations



Qualitative Evaluation of PEV Infrastructure

With a focus on away-from-home charging, our report will try to resolve:

- What matters most in terms of location, setting, density, type and charge level?
- What models work well for everyone – drivers, hosts, EVSE/Network providers, utilities & municipalities?



Qualitative Evaluation of PEV Infrastructure

With a focus on away-from-home charging, our report will try to resolve (cont):

- How this information can be used to guide the growth of public and workplace infrastructure so that it promotes:
 - Increased PEV adoption
 - Increased eVMT
 - Increased use of low/zero emission energy sources for transportation



Report Schedule

- ▶ May and July 2014 – Information gathering meetings
- ▶ Additional stakeholder outreach
- ▶ October 2014 Board Hearing
 - First release of findings (memo to Board)
 - Informational presentation (no Board action)
- ▶ February 2015, release report (working title):

“A Qualitative Evaluation of Public PEV Infrastructure in California”

