

Tri-County Hydrogen Readiness Plan

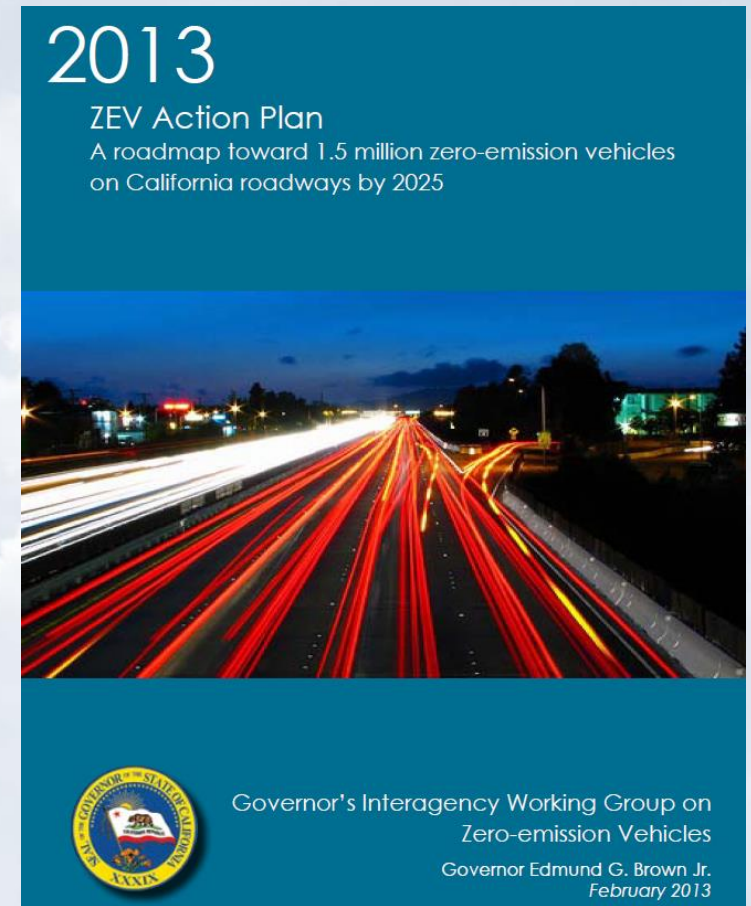
**Board of Directors
Santa Barbara County
Air Pollution Control District**

**Molly Pearson
Planning and Grants Supervisor
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Hydrogen Vehicles

- On-road vehicles emit 18% of smog-forming pollutants in the county
- Cleaner air depends on reductions of on-road emissions
- Hydrogen vehicles have almost zero tailpipe emissions, considered a “zero-emission vehicle” by state of CA
- Fuel cell vehicles are available in California and more expected in 2016



Questions to Answer

- Where to refuel these vehicles?
- How to get a permit for a hydrogen fueling station?
- How do firefighters/first responders keep people safe?
- How do cities, counties and fleet operators learn about hydrogen vehicles?

California Energy Commission Grant Agreement

- Provides \$242,872 to develop a “hydrogen readiness plan” for tri-counties region
- Request direction for APCO to sign the grant agreement with the California Energy Commission and commit the District to preparing the readiness plan
- Commits the District to specific goals and timelines
 - regular meetings and updates with grant team and with Energy Commission staff

Hydrogen Readiness Plan

- Tri-Counties Infrastructure Plan – identify possible refueling sites and assess readiness
- Tri-Counties Permitting Manual – guidance for reviewing applications for new refueling stations
- Safety guidelines and training for first responders
- Adoption and Promotion Plan – meetings with city and county officials, orientations, training, and outreach to potential owners

Developing the Plan

- District is lead for California Energy Commission grant
- Working with partners
 - Ventura County and San Luis Obispo County APCD
 - Ivor John Associates
 - UC Irvine Advanced Power and Energy Program
 - Central Coast Clean Cities Coalition
 - Energy Independence Now
 - Community Environmental Council
 - A-Z Safety

Questions?