

Tri-County Hydrogen Readiness

Board of Directors Santa Barbara County Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

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Overview

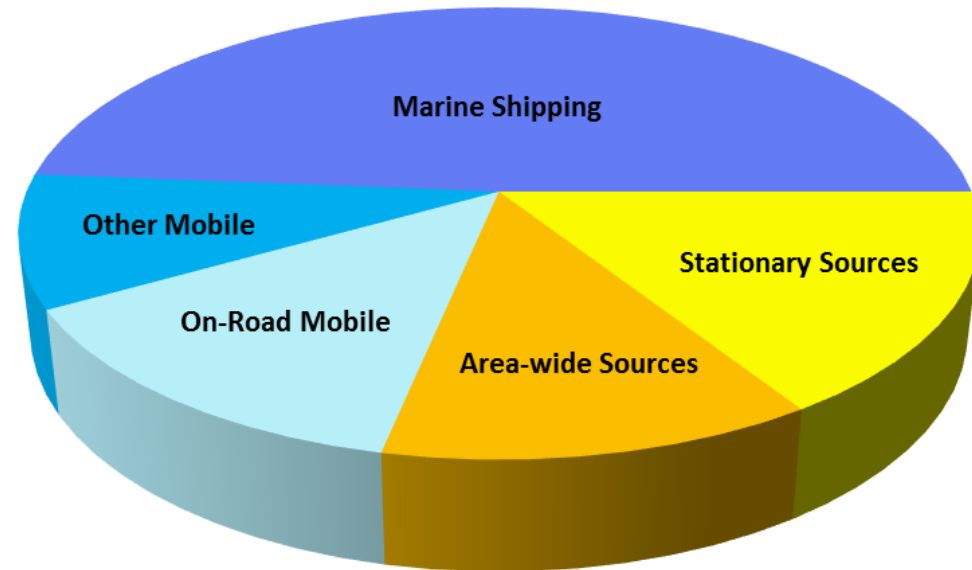
- State and Local Overview
- Plan Goals and Activities
- Lessons Learned
- Next Steps

Mobile Source Emission Reductions

- Vessel Speed Reduction
- Carl Moyer Program
- Old Car Buy-Back
- EV Charging Infrastructure
- CEQA/Lead Agencies
- SB Car Free
- Readiness Planning

2012 Combined Ozone Precursors

105.95 tons per day



State Hydrogen Efforts

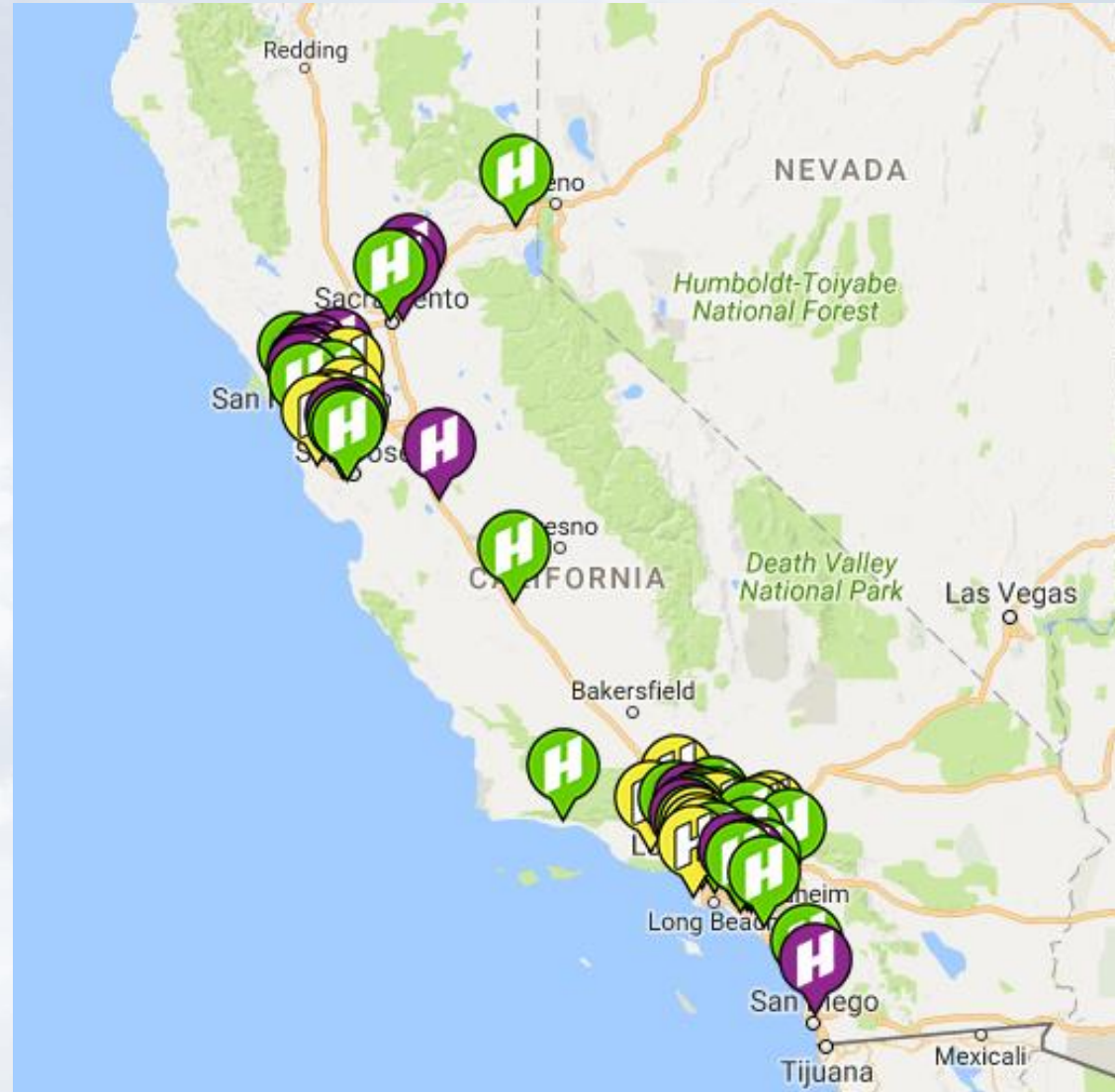
Over 1,400 vehicles in use

- Toyota Mirai
- Honda Clarity
- Hyundai Tucson

3 Transit Agencies

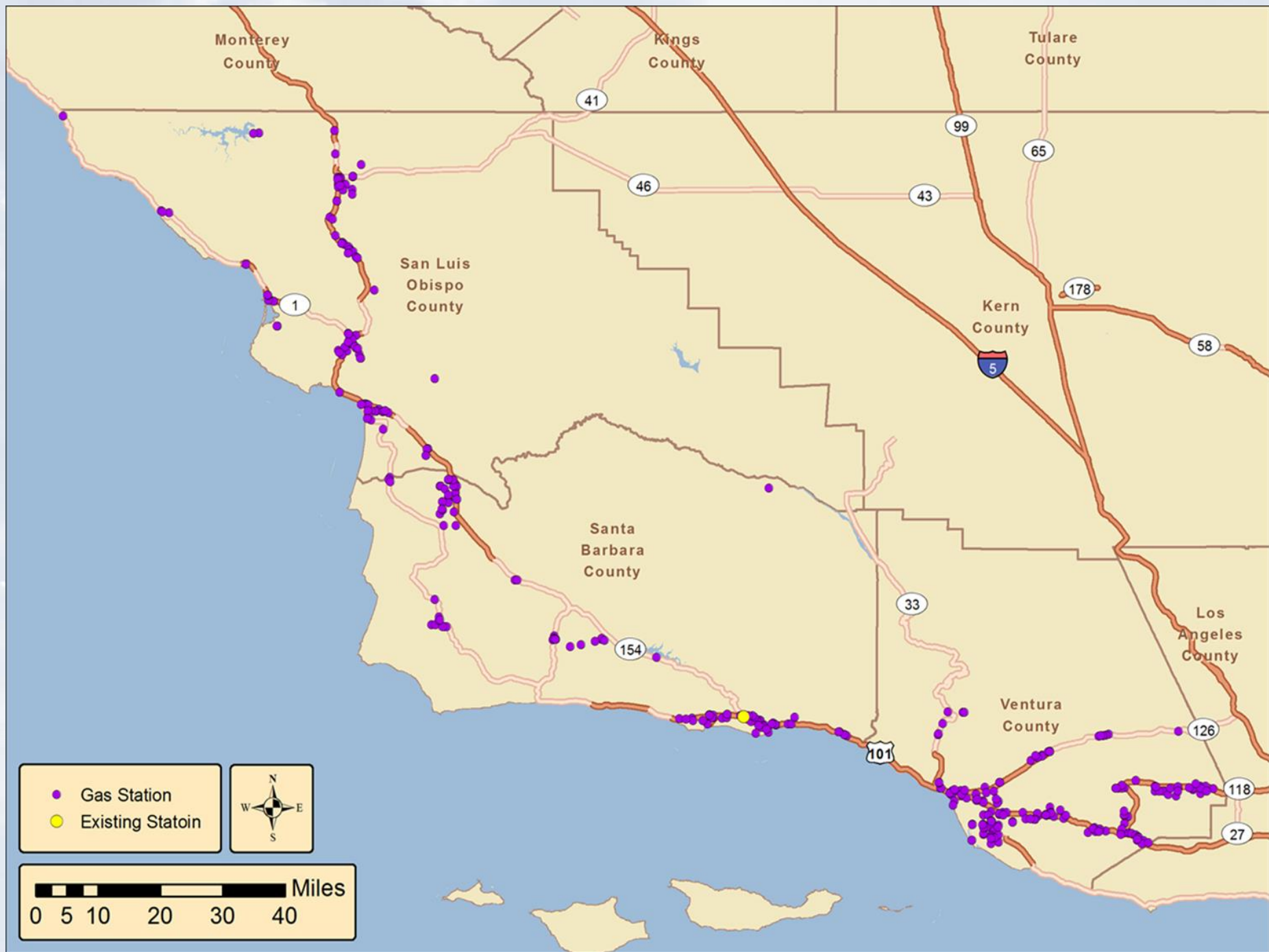
Work beginning on medium and heavy duty trucks

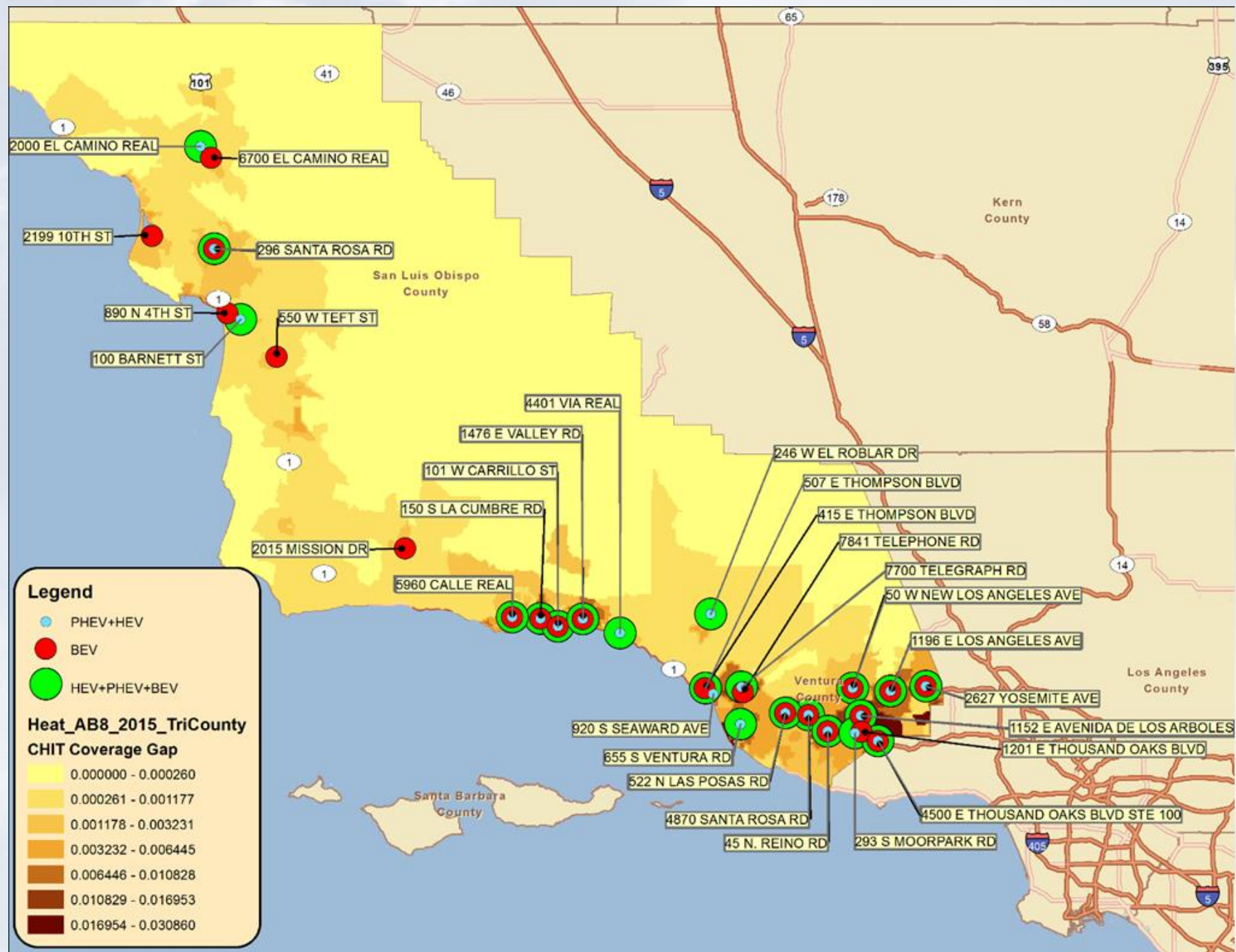
- Delivery vans
- Drayage trucks
- Short-haul trucks

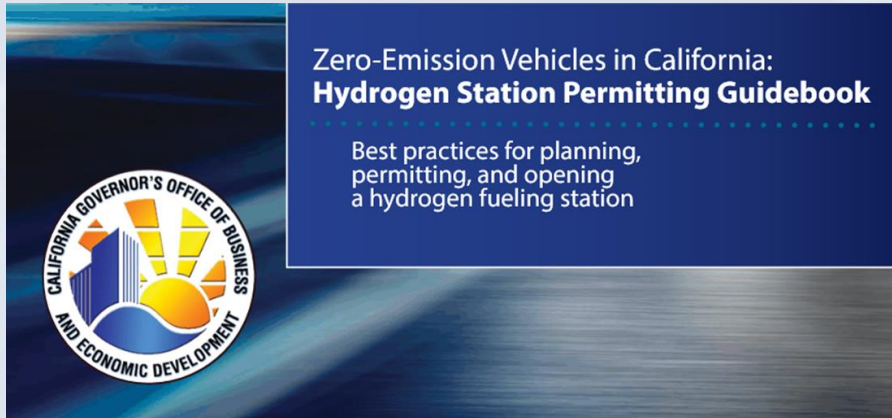


Tri-County Hydrogen Readiness Plan

- \$242,872 Grant from Energy Commission
- Regional plan: identify infrastructure needs, potential sites
- Permitting toolkit
- Community outreach
- First responder outreach
- Assess fleet potential







Lessons Learned

- Need for redundancy
- Support for renewable hydrogen
- First responder training needs
- Fleet operator challenges



After the Project

- Continued outreach
- Support station owners/developers
- Identify medium/heavy duty pilot project opportunities
- Seek funding opportunities



Questions?