Selecting Locations for Hydrogen Infrastructure

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT
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Workshop Questions

- What defines the optimal hydrogen station location?
- What is the best approach for selecting site locations for stations in the future?

Station Location

- Location Defined by Strategic Purpose:
  - Objective 1: Support Vehicle Users and Demand (clustering)
  - Objective 2: Support Strategic Goal – Open Travel Corridor
  - Objective 3: Promotion of vehicle use with Businesses/Public
- Use patterns for prospective hydrogen vehicles need to be modeled
- Expected to be similar to Early Adopters (i.e. hybrid, PEV, Natural Gas vehicles)

Selecting a Station Site

- Know your Objective – Cluster vs. Corridor
- Know your Target Customers – conduct modeling, research and analyze “heat maps”
- CEQA and Permitting Issues - Check with your Local Jurisdictions – How much do they know about hydrogen and how they feel about a station in their community?
- Consult with Automakers to make sure vehicles are deployed to support station operations