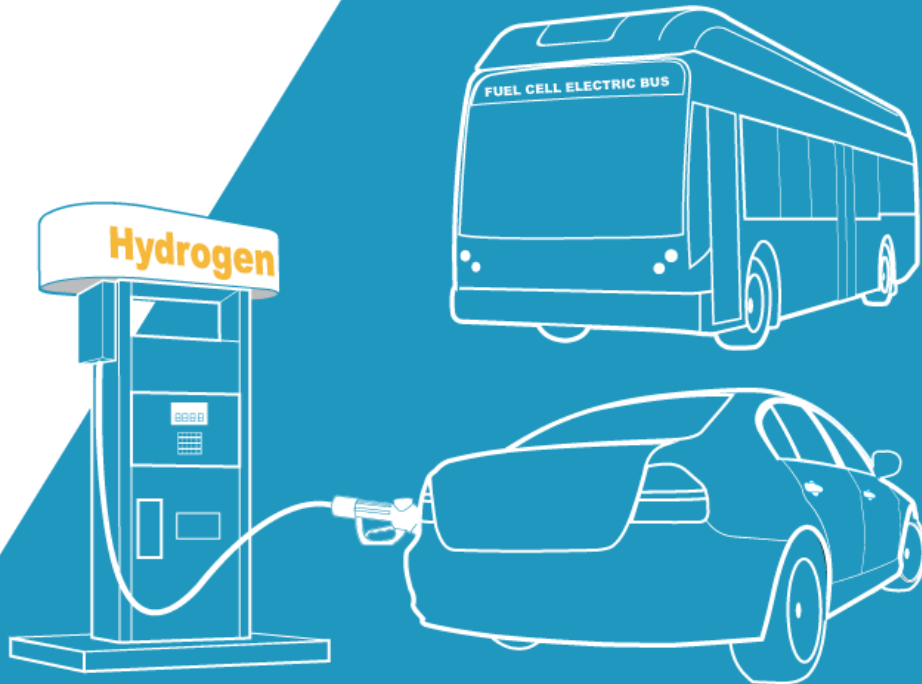
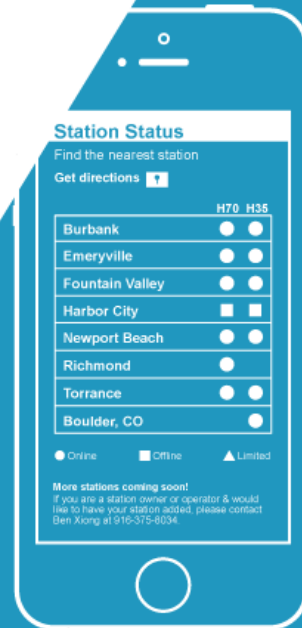


Status and Progress on FCEV Market Launch in California

April 21, 2016

Ben Xiong

California Fuel Cell Partnership







Station locations

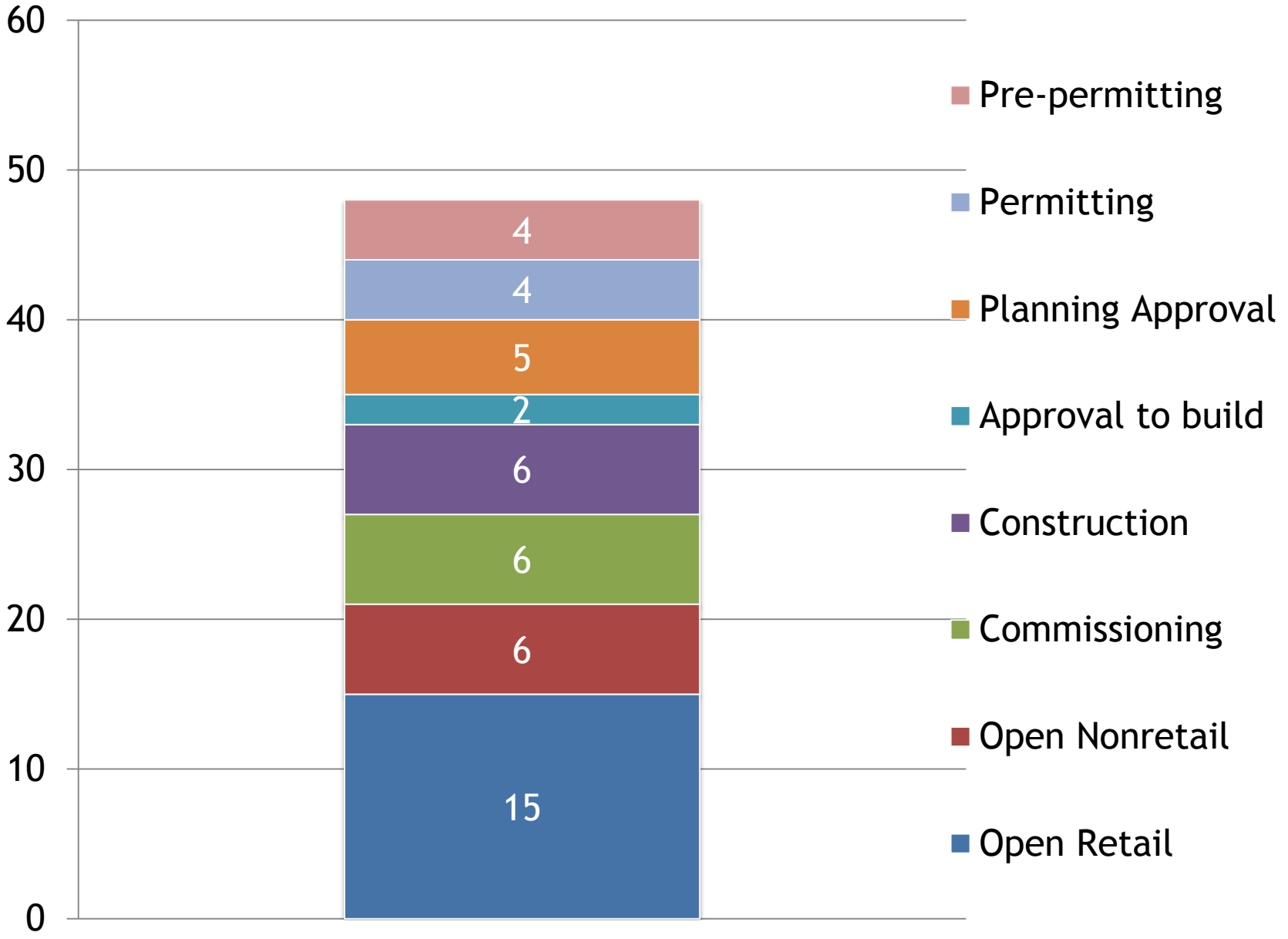
100 stations
statewide

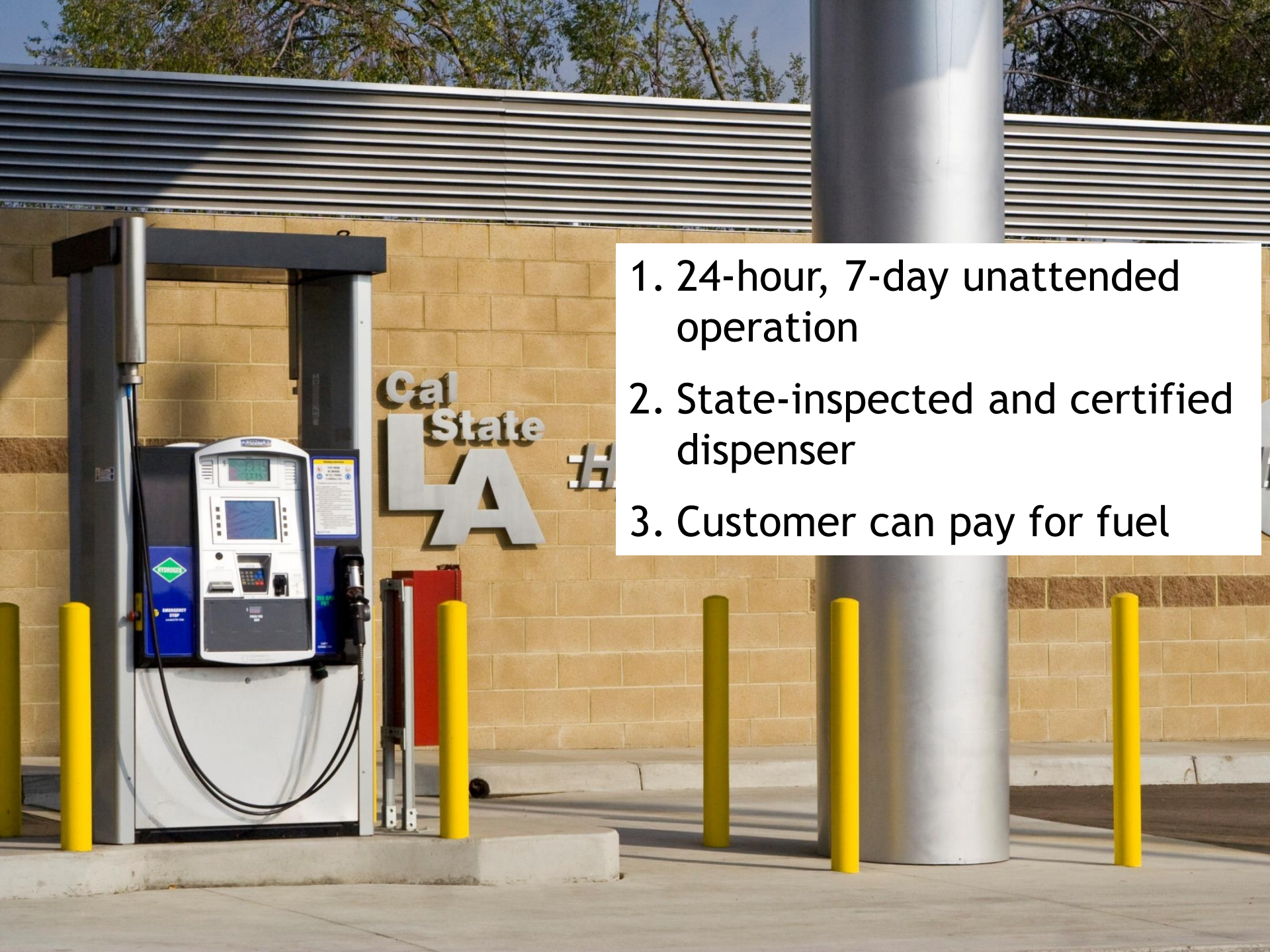
- Establish initial network coverage
- Clusters in big cities
- 1-2 stations across the state











1. 24-hour, 7-day unattended operation
2. State-inspected and certified dispenser
3. Customer can pay for fuel

Commissioning

- DMS certification
- Final occupancy permits
- Point of sale working
- Fill protocol confirmed



HyStEP (Hydrogen Station Equipment Performance)



Can I get fuel?



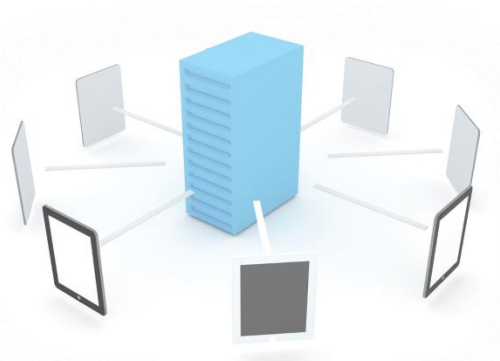


Station Operational Status System (SOSS)

HOW IT WORKS

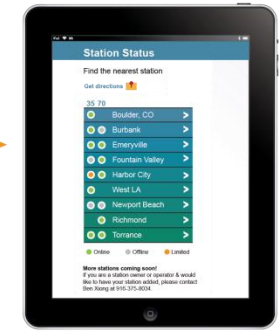
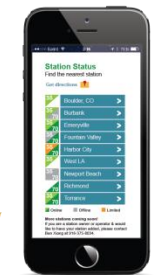


About every 15 minutes, stations send information to CaFCP's database.



CaFCP's secure server and station database

Authorized applications receive data from CaFCP to provide drivers with real-time station information.



DRIVING FOR THE FUTURE

www.cafcg.org

www.ca fcp.org/stationmap



HOME CARS STATIONS BENEFITS BUSES & TRUCKS FAQs



san francisco, ca

GO

Filter By

Station Types

Map Satellite
 Terrain



● San Jose (Soft Opening)
2101 North First Street, San Jose, CA 95131

H35 Status **ONLINE**

H70 Status **ONLINE**

Station Type Retail - Open

Development Status Commissioning Complete

Fuel Pressure 35/70 MPa

Opening Hours 24/7 - Soft opening to confirm operations. May result in occasional delays in fueling for a short period.

Website [Visit](#)

Download Stations



Map data ©2016 Google, INEGI Terms of Use



Fuel cell buses

- AC Transit - 13 FCEBs
 - 15 years of revenue operation
 - 21k operating hours w/o breakdown
- SunLine - 5 FCEBs
 - 7 more under construction
 - Center of Excellence



Medium- and heavy-duty

- Initial M/HD demonstrations underway
- M/HD Action Plan in development





Outreach

HYDROGEN
Emergency Response
Training Resources

Pacific Northwest
NATIONAL LABORATORY
Proudly Operated by Battelle since 1988

U.S. DEPARTMENT OF
ENERGY
Energy Efficiency &
Renewable Energy

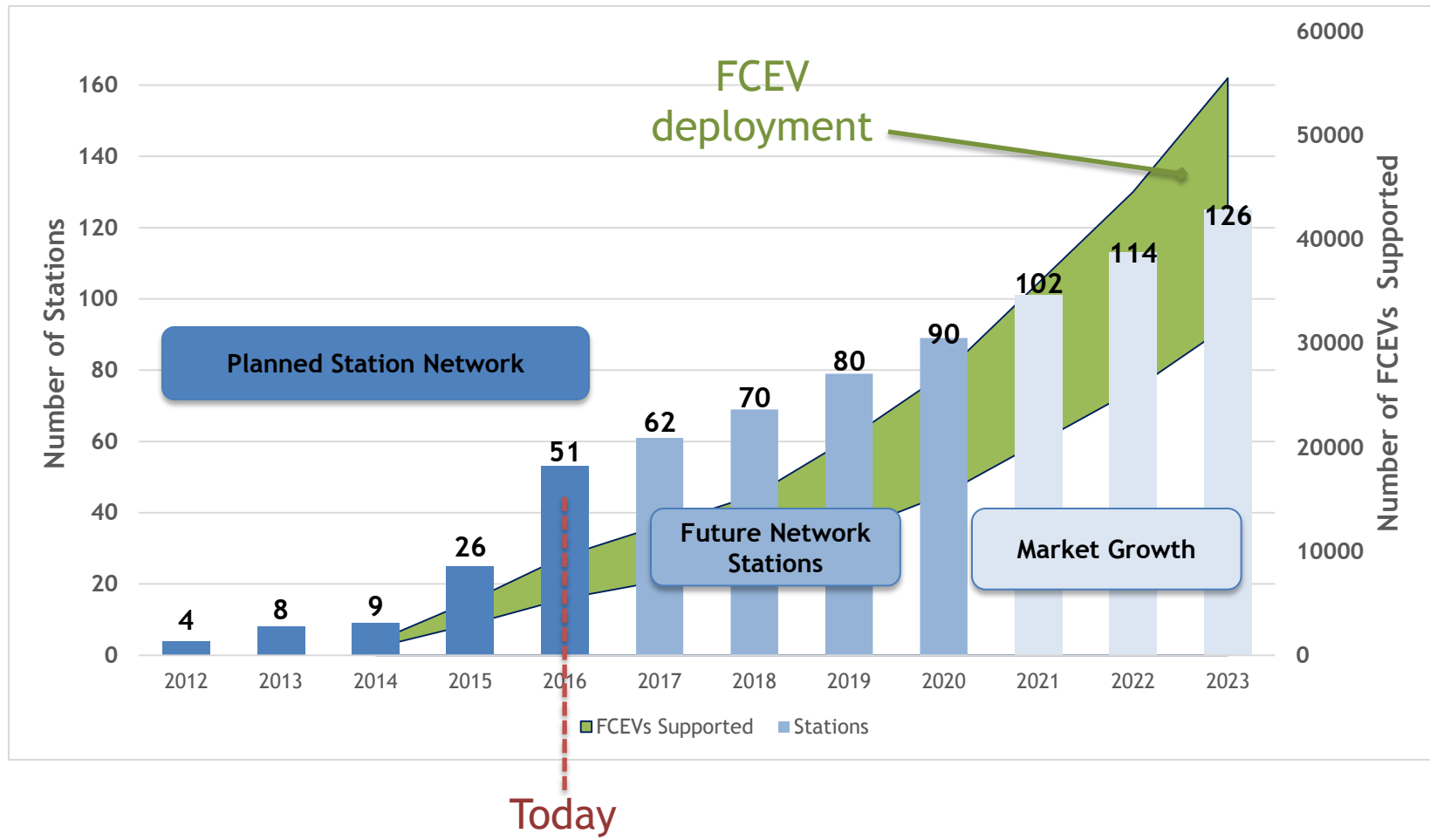
California
CALIFORNIA
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Hydrogen and Fuel Cells
Emergency Response
TRAINING

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Hydrogen Network Progress





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