The Expanding Market for FCEVs

Forth Roadmap 12

Craig Scott
Toyota Motor North America
June 19, 2019
Toyota has 25+ years of FC development for multiple vehicle platforms
CA Roadmap and Government Support

**CaFCP Roadmap**

2030 Vision:
1,000 stations → supports up to 1 MM FCEVs

8,000 retail gas stations

1,000 retail H2 stations

**Government Support**

- ZEV Mandates
- Low Carbon Fuel Standard
- Grant Funding
  - stations and demonstrations
- Vehicle Rebates and Incentives
  - Executive Orders
  - 200 stations by 2025
  - 5 MM ZEV by 2030

CA continues to provide significant policy and funding support for FCEVs
CA Retail Infrastructure

Toyota collaborates with many infrastructure providers to support FCEV expansion

40 Stations
U.S. Market Expansion

Northeast States
- Infra development underway
- Interest in PORTAL (NY/NJ Ports)

California
- 40 Open retail stations
- ~25 additional stations funded
- Over 6,000 FCEVs on the road

Blue: Existing development
Red: New potential markets

FCEV market expansion continues beyond California with interest in the Pacific Northwest.
Blue-chip collaboration leveraging Toyota’s FCET development are enabling ZEV freight movement.
Key Heavy Duty Projects

ZANZEFF Project

$41MM Grant

10 Class 8 FC Trucks
2 H2 stations to support HDTs

Large demonstration projects support development for trucks, infrastructure, and renewable H2.
Thank you!