



California Road Charge





California Four Phase Demonstration

View Final Report at www.caroadcharge.com

Four Phases successfully demonstrated road charge integration with:

1

**Pay-at-the-Pump/
Charge Point:**

Technological devices and/or point-of-sale options within fuel pump and electrical vehicle charging environments.

2

**Usage-Based
Insurance:**

Account management through existing usage-based insurance platforms and customer accounts.

3

**Transportation
Network Companies:**

Technology options incorporated in real-time ridesharing vehicles and applications by TNCs.

4

Autonomous Vehicles:

Collection of vehicle and occupancy data from AVs and identify road charge opportunities that stem from AV usage of California roadways.

Key Goals and Objectives:

- *Demonstrate the viability of road charge through four technology platforms*
- *Explore principles of easy user experience*
- *Establish a flexible, scalable, technology-agnostic platform for continual road charge evolution*

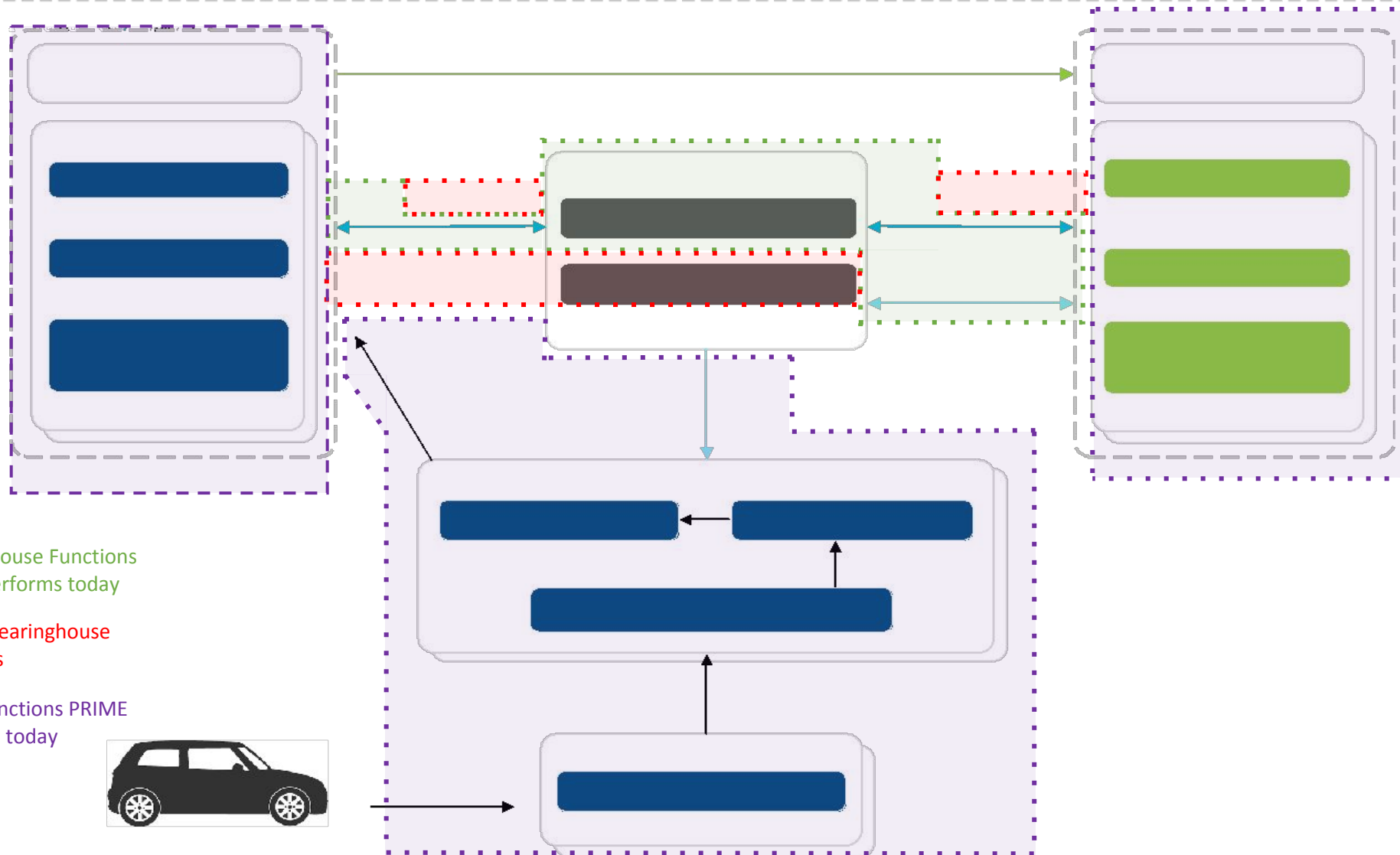
Key Takeaways



- By building off of existing business models, it is:
 - Easy for a business to add road charge as a service to their customers and expand their market access,
 - Easy for the taxpayer as a road charge is paired with a bill they are already paying, and
 - Easy and cost-effective for the state to administer a road charge.
- A road charge collection option does not have to exactly copy the fuels tax payment experience in order to copy its easiness.
- In terms of public education, we have to explain the problem first – then people are willing to engage in finding a solution.



PRIME – Exploring a Central Clearinghouse



Pilots' Role in California's Journey

California's 2017 Pilot



- General Feasibility
- Areas of Future Study



Four Phase Demonstration



- User Experience
- Clearinghouse
- Communications Research



Public/Private Roads Project



- Technical Test of GPS
- Conversations with Key Stakeholder Groups
- Communications Research



Revenue Collection Pilot



- Test of Revenue Flow and Administrative Processes
- Communications Research



Check out the
Four Phase Demonstration Final Report
at www.caroadcharge.com

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