Emerging Mobility Services and Technologies Draft Report Evaluation Results and Recommendations

Board

Agenda Item 9

Overview

- **Study Purpose**
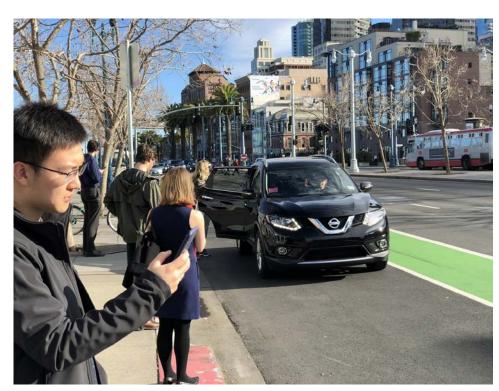
- **Services Inventory**
  What is an "Emerging Mobility Service or Technology"?

- **Policy Framework**
  Guiding Principles (adopted June 2017)
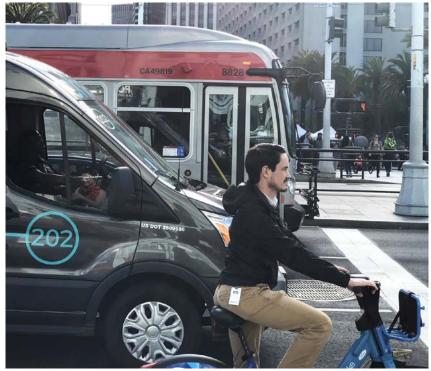
- **Evaluation Method**
  How should we measure alignment with our goals?

- **Evaluation Results**
  How are emerging mobility services helping or hurting?

- **Recommendations**

Emerging Mobility Services and Technologies

10 Guiding Principles for Emerging Mobility

Safety

Transit

Equitable Access

Disabled Access

Sustainability

Congestion

Accountability

Labor

Financial Impact

Collaboration

Evaluating Emerging Mobility Services

Outcome Metric
1 **Operational Safety** Number of collisions per 100,000 service miles.

Safety

Evaluating Emerging Mobility Services

Safety

Outcome Metric	
1	**Operational Safety** Number of collisions per 100,000 service miles.
Policies and Design Features	
2	**Operational Safety** Service avoids in-app messaging and navigation during vehicle operation (during revenue and non-revenue hours).
3	**Operational Safety** Safety training is required.
4	**Operational Safety** Service has hours of service program for both revenue and non-revenue hours and checks DMV Record Duty of Service log.
5	**Unsafe Driving Penalties** Service penalizes speeding, traffic tickets, blocking bicycle and pedestrian facilities, DUIs, reckless driver complaints, and leads to corrective action.
6	**Personal Security** Service requires background checks of operators.
7	**Personal Security** Service provides 24-hour service with a human response in a timely manner.

Results Overview

▶ Pilots and permits lead to better performance

▶ Inadequate data

▶ Opportunities for equitable access

▶ Conflicts with public transit

▶ Impacts on safety

▶ Impacts on congestion

Recommendations Overview

Partner: Proactively partner and pilot with industry

Measure: Collect emerging mobility data

Regulate: Regulate and recover costs

Bridge: Reduce mobility and access gaps

Prioritize: Support and prioritize public transit

Enforce: Enforce safe streets

Price: Reduce congestion at curbs and on city roadways

Questions?

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