

Emerging Mobility Services and Technologies

Draft Report Evaluation Results and Recommendations



SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY

June 7, 2018

Overview



- ▶ **Study Purpose**

- ▶ **Services Inventory**

What is an “Emerging Mobility Service or Technology”?

- ▶ **Policy Framework**

Guiding Principles (adopted June 2017)

- ▶ **Evaluation Method**

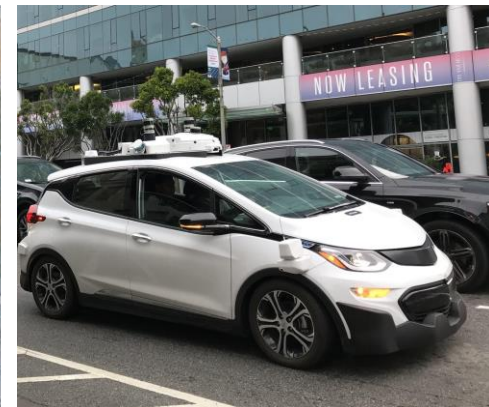
How should we measure alignment with our goals?

- ▶ **Evaluation Results**

How are emerging mobility services helping or hurting?

- ▶ **Recommendations**

Emerging Mobility Services and Technologies



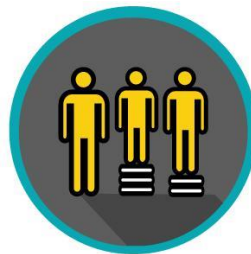
10 Guiding Principles for Emerging Mobility



Safety



Transit



**Equitable
Access**



**Disabled
Access**



Sustainability



Congestion



Accountability



Labor



**Financial
Impact**



Collaboration

Evaluating Emerging Mobility Services



Safety

Outcome Metric

1 Operational Safety

Number of collisions per 100,000 service miles.

Evaluating Emerging Mobility Services



Safety

Outcome Metric

- Operational Safety**
Number of collisions per 100,000 service miles.

Policies and Design Features

- Operational Safety**
Service avoids in-app messaging and navigation during vehicle operation (during revenue and non-revenue hours).
- Operational Safety**
Safety training is required.
- Operational Safety**
Service has hours of service program for both revenue and non-revenue hours and checks DMV Record Duty of Service log.
- Unsafe Driving Penalties**
Service penalizes speeding, traffic tickets, blocking bicycle and pedestrian facilities, DUIs, reckless driver complaints, and leads to corrective action.
- Personal Security**
Service requires background checks of operators.
- 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

Measure: Collect data and conduct research

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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