

Emerging Mobility Services and Technologies

Draft Report Evaluation Results and Recommendations



SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY

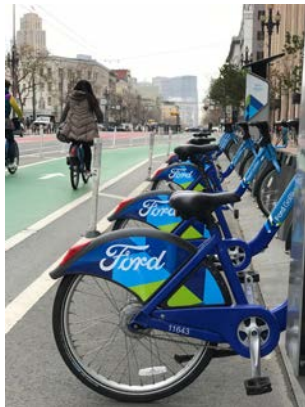
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Overview



- ▶ **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

1 Operational Safety

Number of collisions per 100,000 service miles.

Policies and Design Features

Operational Safety

2 Service avoids in-app messaging and navigation during vehicle operation (during revenue and non-revenue hours).

3 Operational Safety

Safety training is required.

Operational Safety

4 Service has hours of service program for both revenue and non-revenue hours and checks DMV Record Duty of Service log.

Unsafe Driving Penalties

5 Service penalizes speeding, traffic tickets, blocking bicycle and pedestrian facilities, DUIs, reckless driver complaints, and leads to corrective action.

Personal Security

6 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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