3 Revolutions Policy Initiative
UC Davis

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A Little Perspective

San Francisco Bay Area:
- Nine counties
- 6,900 square miles
- 7.68 million residents

San Francisco:
- 47.33 sq. miles
- 884,363 residents
- 5th highest density county in US
Network Efficiency: Using Street Space Wisely
Lessons Learned from TNCs in SF

TNCs Congestion: Change in Vehicle Hours of Delay by Factor between 2010 - 2016

Vehicle hours of delay in San Francisco’s downtown area increased more than 120%.
CPUC Rulemaking Timeline: Regulation of AV Passenger Service

June 2018
• CPUC Adopts Rules Authorizing AV Pilots (with and without safety drivers)

Dec 2019
• Request for Comments on AV Regulation

Nov 2020
• CPUC Approves Decision Adopting Rules Governing Commercial Deployment of AV Passenger Service

Dec 2020
• Request for Rehearing Submitted
Key Features of CPUC Decision: Goals

- Authorizes deployment permittees to provide shared rides and to charge fares for service.
- Sets high level goals for performance of AV Passenger Services:
  - Protect Passenger Safety
  - Expand benefits of AV technologies to all Californians, including people with disabilities
  - Improve transportation options for all, particularly for disadvantaged communities and low-income communities
  - Reduce greenhouse gas emissions, criteria air pollutants, and toxic air contaminants, particularly in disadvantaged communities
Key Features of CPUC Decision: Public Accountability

- Requires permit applicants to submit a Passenger Safety Plan to address personal safety risks from shared driverless rides
- Requires permit applications to be approved by the Commission in public process
- Requires permittees to submit quarterly service data that the Commission may use to evaluate progress toward the goals and develop further regulations
What is the purpose of CEQA?

- Inform public and officials about potential environmental impacts of a public decision
- Identify ways to avoid or reduce those impacts
- Disclose reasons for adopting actions despite impacts