3 Revolutions Policy Webinar Series

THE FUTURE OF AUTOMATION POLICY- FROM CALIFORNIA TO D.C

JANUARY 19, 2021 10:30-12:00 PM PST

Giovanni Circella, Director, 3 Revolutions Future Mobility Program, UC Davis
Katie Angotti, Autonomous Vehicle Manager, San Francisco Municipal Transportation Agency
Prashanthi Raman, Director of Global Government Affairs, Cruise
Kevin Vincent, Consultant and Attorney, O. Kevin Vincent LLC

3 Revolutions
Shared, Automated, Electric

UC Davis
University of California
3 Revolutions Policy Initiative

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January 19, 2021
Speakers for this Segment:

Giovanni Circella, Director, 3 Revolutions Future Mobility Program, UC Davis
Primer

California Public Utilities Commission (CPUC)
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In November 2020 CPUC moved the AV Passenger Service Pilot to a full Deployment.

- Now AV companies can begin passenger service, charging fares, and offering shared/pooled rides.
- This was the result of a formal stakeholder engagement process: UC Davis was among the 20+ parties to the proceeding.
- The decision aims towards CPUC reaching a compromise between cities, advocates, and companies, as well as realigning the AV Passenger Program with state policy priorities.
CPUC – AV Passenger Service Program

Safety
- The new Program will require AV ridehailing providers to submit detailed “Passenger Safety Plans”. These are in addition to the Safety assessments required by the DMV.

Accessibility
- The CPUC declined to define the term “accessibility” but they did take measures to ensure that safety reports will address service for “people with sensory, cognitive, and physical disabilities”

Data Sharing
- CPUC will require more aggregate data, and make that data publicly available.

Environment
- The CPUC defers to CARB which is proposing a new rule (not yet approved) to require ridehailing fleets to result in zero GHGs/PMT by 2030.
Speakers for this Segment

Katie Angotti  Autonomous Vehicle Manager, San Francisco Municipal Transportation Agency
Prashanthi Raman, Director of Global Government Affairs, Cruise
Federal AV Regulations
The National Highway Traffic Safety Administration (NHTSA pronounced “Nihtsa”) has proposed several possible strategies to change AV regulations:

1. Final rule announced for *Occupant Protection for Vehicles With Automated Driving Systems* (although not published in fed registry)
2. Proposed rule would create a new *Safety Framework for the Automated Driving System* (ADS) for fully self-driving AVs.
3. Proposed Rule will provide additional exemptions from the Federal Motor Vehicle Safety Standards (FMVSS).
4. Also in pre-rule stage of considering whether revisions to existing Federal Motor Vehicle Safety Standards (FMVSS) are needed for AVs.
## FVMSS Reform

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Source: NHTSA “FVMSS Considerations for Vehicles With Automated Driving Systems: Volume 1"
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- **Katie Angotti** Autonomous Vehicle Manager, San Francisco Municipal Transportation Agency
- **Prashanthi Raman**, Director of Global Government Affairs, Cruise
Q&A with All Speakers

- Giovanni Circella, Director, 3 Revolutions Future Mobility Program, UC Davis
Kevin Vincent, Consultant and Attorney, O. Kevin Vincent LLC
Katie Angotti, Autonomous Vehicle Manager, San Francisco Municipal Transportation Agency
Prashanthi Raman, Director of Global Government Affairs, Cruise
Mollie D’Agostino, Policy Director, 3 Revolutions Future Mobility Program
2020-21 3R Policy Initiative Projects

Policy Research Projects – Foundation Partners
• Gas Tax replacement: Future of funding – Heising Simons
• TNC Pooling Policy Levers Paper – Role of State and Local Incentives -Heising Simons
• The Future of Transit Project – Climateworks, RIMI, UCLA, UC-ITS
• Heavy duty electrification policy

Publicly Funded Projects: – Public Partners
• Equitable Congestion Pricing (SFCTA) – SB1
• 3Rs statewide Model Policy – Strategic Growth Commission
• Electric vehicle infrastructure data standards – CITRIS Funding
• Payment Integration for California’s Transit – Caltrans/NCST

Projects looking for Future Funding to Expand
• Automation Policy Mitigation – Ongoing
• Low Emission Areas/Zones – Early Research
• Mobility Wallets: Universal Basic mobility
• EV Goal-Setting: Global Public/Private Sector Goals Database
• Universally Accessible MaaS