Equity & AVs
Maximizing the Benefits & Minimizing the Harms

Hana Creger
The Greenlining Institute
Background

- Increase access to clean transportation programs & mobility options in low-income communities of color
  - Electric Vehicles
  - Mobility Equity
  - Shared Mobility
  - Autonomous Vehicles

- Equity-focused policy recommendations for electric, shared AVs
Lessons from Shared Mobility

- Barriers to fair access
- Congestion & pollution
- Competing with transit ridership
- Unfair labor practices
- Discrimination
Equity Heaven
or
Equity Hell?
Equity Hell Scenario

- Two-tiered transportation system
  - Privatized, single-occupancy AVs
  - Deterioration of public transit

- Decreased economic opportunities
  - 1 out of 9 U.S. workers impacted
  - Unfair labor practices

- Suburbanization of poverty & urban sprawl
Equity Heaven Scenario

- Shared, electric AVs
  - Public, private, and cooperatively owned models
  - AVs enhance transit
  - AVs ‘right-sized’ for suburban & rural needs
- Reduced costs, fair access
- Increased mobility for all
- Re-training & social safety net programs
How to get to an Equity Heaven Scenario?

- Require fair pricing policies & equitable access
- Prioritize public transit
- Require clean procurement across AV life cycle
- Prepare social safety net & workforce
- Prioritize & engage communities’ with greatest mobility needs
Thank You!

EV Roadmap Conference 2018