

# TRB Technical Activities Division Activities on Mobility as a Service

December 17, 2018



# Present Today

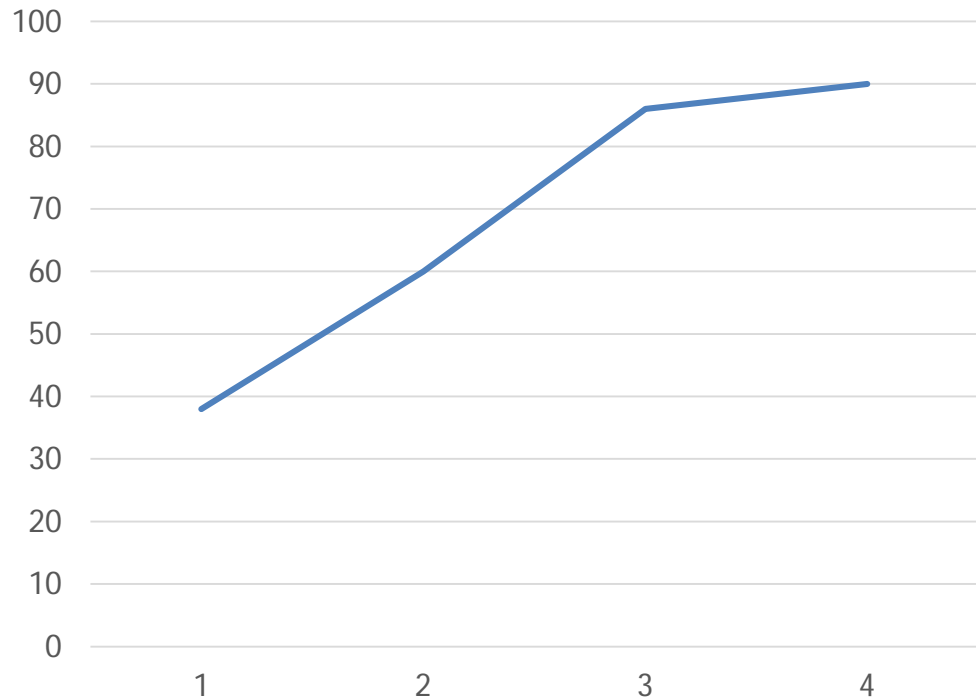
- Jean Ruestman, Administrator, Office of Passenger Transportation, Michigan DOT. Co-Chair of AP020, Emerging and Innovative Public Transport and Technologies. Also, committee member for NCHRP 20-102(11), Impact of Mobility-on-Demand Services and Highly Automated Vehicles on the Transportation System
- Claire Randall, TRB Senior Program Officer, Public Transportation and Research & Education Committees
- Stephen Andrie, TRB Senior Program Officer for Public Transportation Committees and Manager, SHRP 2 Naturalistic Driving Safety Data Base

# Related Standing Committees

- AP020, Emerging and Innovative Public Transport and Technologies (1990)
  - 33 Members, over 400 friends
  - AP020(1), Subcommittee on Shared-Use Vehicle Public Transport Systems (1990)
  - AP020(2), Subcommittee on Emerging Ridesharing Solutions (1990)
- AP060, Paratransit (1974)
  - 35 Members, over 120 friends
  - AP060(2), Subcommittee on Taxi (1990)
- ABE60, Accessible Transportation and Mobility (1975)
  - 31 members, over 300 friends
  - ABE60(2) Subcommittee on Accessible Transportation and Mobility - Technology (1994)

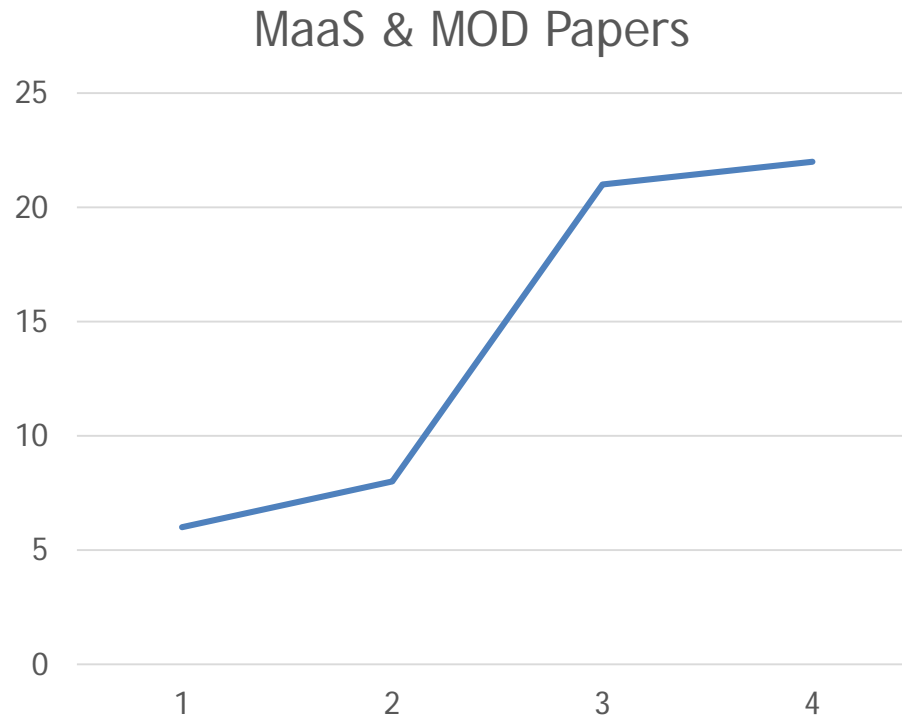
# Papers Submitted to AP020 for the TRB Annual Meeting

- 2016: 38
- 2017: 60
- 2018: 86
- 2019: 90



# Papers on MaaS & MOD Papers to TRB for the Annual Meeting

- 2016: 6
- 2017: 8
- 2018: 21
- 2019: 22



# Conferences

- International Conference on Demand Responsive Transportation 2014
- International Conference on Demand Responsive Transportation 2016
- International Conference on Demand Responsive and Innovative Transportation Services, April 14, 2019. Baltimore
  - Co-sponsored AP020 and AP060

# Selected Sessions Planned for 2019 Annual Meeting

- Sunday Workshops
  - Mobility on Demand: A Smart, Sustainable, and Equitable Future, Part 1 and 2 (All day)
  - War Games 2019: Mobility as a Service - Disrupter or Uniter?
  - Innovative Mobility Services and Considerations for Riders with Disabilities

# Selected Sessions Planned for 2019 Annual Meeting

- Lectern Sessions

- Mobility as a Service and Mobility on Demand: Business Models, Data Management, and Automated Vehicles
- Examining the Disruptive Forces Facing DOTs
- The Equity Equation: Meaningful and Innovative Strategies that Define and Address Unmet Needs in Underserved Communities
- Advancing Community Vitality with 21<sup>st</sup> Century Mobility
- Eyes wide Open: Drivers of Change in Transportation
- New Mobility Options
- FTA's Integrated Mobility Innovative Initiative



# Selected Sessions Planned for 2019 Annual Meeting

- Posters
  - Understanding the Influence of Mobility as a Service on Job Accessibility and Transportation Equity
  - Too Poor to Go it Alone? The Socioeconomics of shared Mobility in the 2010s

# How Can We Help?

- AP020 interest in study
  - US and international expertise
  - Diverse perspective
- Michigan DOT interest in study
  - Government's role in advancing mobility solutions
  - Implementation of services/demos
- Common Goals
  - Increased understanding of new mobility
  - Optimizing existing and emerging mobility options
  - Roadmap to public/private collaboration