Bringing a Gender-Based Lens to Connected and Automated Vehicle (CAV) Planning and Development
Intro

Overview

Merging two fields to help answer:

"How might connected and automated vehicle (CAV) technology be designed and support infrastructure planning to induce greater gender equity in Minnesota."

Opportunity for MN

State and Local Policy Program and Center for Women and Gender Public Policy

• Not a lot of disaggregated data in transportation
• Cross-discipline experts bring strength needed to consider new solutions
• Creates opportunity to develop tools for CAV implementation

Humphrey School Project Team

Frank Douma
State and Local Policy Program Director

Christina Ewig
Center on Women and Gender Public Policy Director

Heidi Corcoran
State and Local Policy Program Research Manager

Ania McDonnell
Master of Public Policy Candidate

Shannon Engstrom
Master of Urban and Regional Planning Candidate
We cannot do this alone.

Input activity
Questions we asked

From a gender perspective...

- where do you see opportunities for connected & autonomous vehicles?

- what are the greatest challenges for connected & autonomous vehicles?

And finally...

Which opportunities or challenges deserve the most research attention?
Gender disparities identified the most

- Ride Costs
- People with Disabilities
CAV benefits identified the most

- Greater Efficiency
- Mobility On-Demand
Next Steps

Seek additional funding to support future work.

Have more ideas or research to share? Let’s connect!

Heidi Corcoran
hcorcora@umn.edu
State and Local Policy Program
Research Manager

hcorcora@umn.edu
612-625-6257