

# Governor's Advisory Council on Connected and Automated Vehicles

Economic Development, Business Opportunities and  
Workforce Preparation Subcommittee

September 18, 2018  
10:00 am – 12:00 pm

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# Welcome and Introductions

## Subcommittee Goal

*To formulate and recommend to the advisory committee recommended changes to statutes, rules and policies related to economic development, labor and business interests and to address opportunities, impacts and challenges of CAV technology.*

# Key Dates

Public Survey

Tribal Government-to-Government Relations

Stakeholder and Public Engagement

June

July

August

Sept

Oct

Nov

Dec

Subcommittee  
Meetings

Sept. 25  
Present to  
Advisory  
Council

Nov. 1  
Draft  
Report

Dec. 1  
Final  
Report

# Evaluation Feedback from August 21<sup>st</sup>

- Most who wanted to were able to attend the meeting (91.7%)
- Most found the information provided at the first meeting helpful
- Additional information requested by participants:
  - Policies from other states
  - Share meeting notes from 8/21/18
- Comments from participants:
  - More time needed to work on recommendation proposals
  - More opportunity to share thoughts with the group

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# Summary of Last Meeting



# Response to Meeting Notes

- Cover as driver assisted rather than driverless
  - words are impactful

# Comments from the Liaisons

Kevin McKinnon, DEED

Edward Reynoso, Teamsters



# Review of Meeting Notes

## Economic Development

- Develop new industries that utilize the strengths of MN businesses and technology expertise, especially IT, AI, hardware/software and science; conduct gap analysis
- Foster public and private collaborations with institutions, organizations and small business and avoid slowing development by “locking up” IP
- Quickly develop communication lines to create truly cross-disciplinary gains
- Raise capital, and consider investment opportunities and start-up possibilities
- Consider equity, fairness, and impartiality regarding involvement, opportunities and gains – include Greater MN in policy and development decisions
- Consider the cost of CAV development to the tax payer

# Areas of Focus

## **Areas of specialization (public and private)**

- Research and development expertise (sensors, AI, etc.)
- Testing/development/deployment (physical location for this activity)
- Education and training of the talent needed to support the industry (existing expertise and future considerations of what will be needed)

## **Facilitating connections for business opportunities/needs**

- Business opportunities for existing OEM's in MN in the industry
- Business opportunities for existing providers in the supply chain
- Providing areas of connectivity between OEM's and technology providers

## **Supporting the ecosystem to foster interest and involvement in the industry**

- Early stage businesses developing products or services for the industry
- Accessing capital to remain and grow in MN
- Physical (incubators, co-working, accelerators) or virtual support networks

# Review of Meeting Notes

## Workforce Planning

- Inclusion of, and input from impacted industries and workers is vital
- Involve and collaborate with existing companies, employ MN workers
- Develop recommendations that:
  - don't create barriers for interstate travel/movement,
  - consider state versus federal policy, and
  - consider reciprocity
- Consider reciprocity and standards in recommendations

# Review of Meeting Notes

## Workforce Planning

- Focus on probabilities for which workers need to prepare
- Develop policy around training, driver requirements and licensing
- Bring the training curriculum for development of new technologies, manufacturing and sales to MN to promote innovation and opportunity
- Train and rebrand the workforce, develop apprenticeship opportunities
- Develop engineering and technology talent in MN for IT, AI and other science and technology industries

# Today's Discussion Topics

# Review of First Meeting Themes

- Policy considerations
- Business opportunities, areas of strength and cross-disciplinary expertise – leverage across platforms
- Informing and educating the public and legislators
- Impacted industries and workers
- Education and training considerations for the workforce
- Financial considerations
- Interstate travel and movement
- Equity, fairness, and impartiality regarding involvement, opportunities and gains



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# Discussion

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# Small Group Breakouts

# Small Group Discussion

- Designate one recorder
- Designate one person to report out
- Engage with participants in your group and ask questions
- Record *all* proposed recommendations on your note pads

# Small Group Discussion

- What themes and recommendations do you want the council to share with the Governor and Legislature?
- What policy recommendations do you want addressed in the 2019 legislative session?
- Decide which recommendations have consensus in your group and record top 2-3 on flip chart

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# Next Steps & Closing

# Next Steps

- Presentation of recommendations
- September 25<sup>th</sup> : Present to Advisory Council
- Public survey [here](http://www.state.mn.us/automated/)  
[www.state.mn.us/automated/](http://www.state.mn.us/automated/)

# Thank you

## Co-Liaisons

**Edward Reynoso, Teamsters**

**Kevin McKinnon, DEED**

## Co-Facilitators

**Susan Mainzer, Mediation Center**

**Sunday Harholdt, Mediation Center**