Welcome and Introductions
Results from Previous Scoping
Resources
• Lessons from automation in farming

Planning
• Consider potential impacts on state goals:
  – Goal 2: Land Use Planning
  – Goal 3: Farmland
  – Goal 4: Forest land
  – Goal 6: Air, Water, Land Resources Quality
  – Goal 10: Housing
  – Goal 12: Transportation
  – Goal 13: Energy conservation
  – Goal 14: Urbanization

• How can AVs help achieve existing transportation and other planning goals?
Planning

- Changes in building codes, permitting, transportation improvements, parking, zoning, development codes, etc.
- Transportation data/information needed to make good land use decisions
- Changes to UGB analysis and update of EOAs, HNA, and BLI
- Impacts dependent on use of private vehicles vs. shared fleets
- Urban vs. rural impacts
- Role of DLCD in policy
Potential Changes to Land Use Patterns

• Distribution of adverse land uses (car waste dumps, distribution centers, parking/charging lots)
• Transfer centers where goods moved from long-haul trucks to local delivery vehicles
• Reduced need for parking in cities may allow parking lots to be converted to other uses
• Will AVs be stored at people’s houses or in shared lots?
• AVs may create opportunities to increase mixed use density
• Correlation to current Goal 10 changes
• AVs could create pressures to sprawl, making transit and livable communities more difficult
Electric Vehicles

• Energy production and EV charging, microgrids, etc.

Congestion and VMT

• Potential for increased congestion if cars circulate instead of park
• Zero occupancy vehicles
• VMT and AVs
• Curb management
Funding

• Pricing—who pays for roads?
• Pricing the curb
• Changes to system development charges
Materials from 2018 Task Force Report
Presentations at the Long-Term Policy Workshop, August 2018

**URBANISM NEXT:**
**IMPACTS OF EMERGING TECHNOLOGIES ON CITIES**

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How Can Urban Planning Engage in the AV Revolution?

**Make AVs Work for Us**

Eric Hesse
Supervising Planner, Policy Innovation & Regional Collaboration
City of Portland Bureau of Transportation
Representing the League of Oregon Cities

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Becky Steckler, University of Oregon

Eric Hesse, Portland Bureau of Transportation
**Memo**

To: Cybersecurity and Long-Term Policy Subcommittee of AV Task Force  
From: Carrie Maclaren, Deputy Director, DLCD, and Becky Steckler, University of Oregon  
Date: July 18, 2018  
RE: Desired Data to Guide AV Policy Development

The future of AVs is uncertain; but there is a consensus that large-scale deployment of AVs will have significant impacts on our communities. Having good information about early AV usage will help Oregon build well-informed policy for the long term.

Decision makers are rightly aiming to shape policies to ensure AVs can improve traffic safety, decrease congestion, boost transportation choices, and support a strong economy. The private sector should be asked to share useful information to assist in that effort, while protecting consumer privacy and proprietary information.

This memo aims to outline what information will be most useful.

**What information do state and local governments need?**

Data most relevant to understanding the impacts of AVs on travel and maximizing their benefits are listed below. The list is consistent with the National Association of City Transportation Officials’ (NACTO) Data Sharing Principles.

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**Desired Data to Guide AV Policy Development**

Carrie Maclaren, DLCD and Becky Steckler, UO

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**AV Policy Furthering Oregon’s Transportation, Land Use, and Global Warming Pollution Reduction Goals and Economic Development Principles**

Becky Steckler, UO
Efforts in Other Jurisdictions
State and Local Efforts on Land Use

• Is anyone aware of other state-level approaches to AVs and land use?

• Bloomberg: At least 123 cities across the world are working to allow testing or build AVs into future plans

• City of Portland has adopted policies into its Transportation System Plan and allows for AV testing
Additional Initiatives to Track?
Subcommittee Scope and Final Product
Possible Final Product Goals

Form of Product (*discussion*)

1. Status update and identification of critical issues or
2. Recommendations on particular issues

Issue Areas (*discussion*)

- Critical data to request from AV companies to assist in land use planning
- Alignment + incentives for AVs to further Oregon’s land use planning and global warming goals
- Pricing: policies for occupancy pricing and road pricing
Public Comment
Recap and Next Steps