

"AV-Ready" Cities or "City-Ready AVs?"

Summary of Meeting Agenda:

- **City needs**, city experiences: ITF, London, Los Angeles, Columbus, US DoT
- **Scenarios** of AV introduction (ownership vs demand-led): Toronto
- What can **industry** deliver: Lyft, Qualcomm
- **Coexistence** period, **action** planning

12. "AV-Ready" Cities or "City-Ready AVs"?

Summary of Key Findings/Lessons Learned from Breakout Discussion:

1. Automation is getting on the **urban policy agenda**.

- Are city policies on the automation agenda of **industry, academia, government**?
- Automation is a **tool to implement policies** (wider institutional, financial and policy context, business case).
- Which **transport problems** can automation help to solve more effectively than other technologies or policies? (clean fleets, mobility as a service, ...)

2. Dynamics: What is the **turning point**, where AVs are generating a transport impact in urban contexts?

3. Challenges

- Avoiding unintended **impacts/ disbenefits**, while dealing with **uncertainties**
- Lack of **qualified staff** in administrations and proper **planning tools** and assumptions
- Need to make long-term **infrastructure decisions** and keeping pace with **many changes**

4. **Co-existence** of AV's and conventional vehicles will be a long (and potentially messy) period.

5. In order to benefit from automation, cities must proactively push for **behaviour change** and create an **enabling policy framework**.

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Recommended Action Items: **An Urban Automation Agenda (Version 0.1)**

1. Develop **visions** of how automation can help "transform mobility as we know it".
2. Promote behaviour change through **shared mobility** services, quality **transit development**, and **demand management** policies.
3. Support **local shared vehicle pilots**. Identify impacts, upscale when successful.
4. Think about "**increasingly AV enabled**" **corridors** (policy and technology) – and how they develop over time ("AV only"); interaction with other modes.
5. Develop scenarios for re-using **parking space** (e.g. as freight hubs, pick-up areas) and how **transit infrastructure** (e.g. interchanges) would develop.
6. AV-ready infrastructure: consider obsolescence, resilience, (new) liability issues.
7. Automation of **freight** and **transit** deserve special attention; incl new service models. Building regulations.
8. Address **public perception**, involve **stakeholders**.
9. Develop **automation work plan** with partners and stakeholders (and internal working group).
10. Engage in **joint learning** and in **dialogue** with industry, academia and government.