City of Pittsburgh

**AVs for all:** Why now is the time to talk about autonomous vehicles

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Knight AV Initiative Webinar

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**Autonomous Vehicle Testing**

**March 2019**

• Mayor Peduto signs Executive Order titled "Self-Driving Vehicle Testing and Operations in the City of Pittsburgh"

• Department of Mobility & Infrastructure releases "Pittsburgh Shared and Autonomous Mobility Principles" and "Autonomous Testing Guidelines and Submission Process"
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Autonomous Vehicle Testing

Five autonomous vehicle testers currently operating on public streets in Pittsburgh:

• Argo AI
• Aurora
• Carnegie Mellon University (CMU)
• Motional (formerly Aptiv)
• UATC, LLC (Uber)
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Autonomous Delivery Device Deployment


Photo: Christian Snyder/Pittsburgh Post-Gazette
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**Autonomous Vehicle Work Groups**

In spring 2019, DOMI convened three autonomous vehicle work groups:

- **Shared and Autonomous Mobility Advisory Group** – comprised of representatives from various community groups, business improvement districts, and advocacy organizations.

- **Autonomous Vehicle Policy Partners Group** – comprised of city, county, and state representatives

- **Autonomous Vehicle Testers Group** - comprised of representatives from the five AV testers operating on public streets in Pittsburgh
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Autonomous Vehicle Work Groups

Each work group meetings bimonthly with DOMI staff.

The groups discuss how autonomous technology can appropriately support the city's effort to improve **road safety**, **reduce** greenhouse gas **emissions**, **reduce** **traffic congestion** and **vehicle miles traveled**, encourage **efficient land use**, and **increase access** to mobility and economic opportunities for all Pittsburghers.
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Lessons Learned

• Always ask “is more technology the most appropriate solution for this problem and this community?”

• It is very critical to know the use case in advance of a pilot or deployment and not present a solution in search of a problem.
Thank You!

WE APPRECIATE YOUR TIME