

Quick Take

What:

Automated Vehicle 2.0 was approved by the Regional Transportation Council to assist local governments with the implementation of automated vehicles and associated technologies.

Significance:

The Dallas-Fort Worth area has been at the forefront of transportation innovation. From financing tools to futuristic ways to move people, the Regional Transportation Council and North Central Texas Council of Governments embrace creativity.

By the Numbers:

\$31.5 million

The amount of money approved by the Regional Transportation Council in 2018 to help fund AV projects in the region.

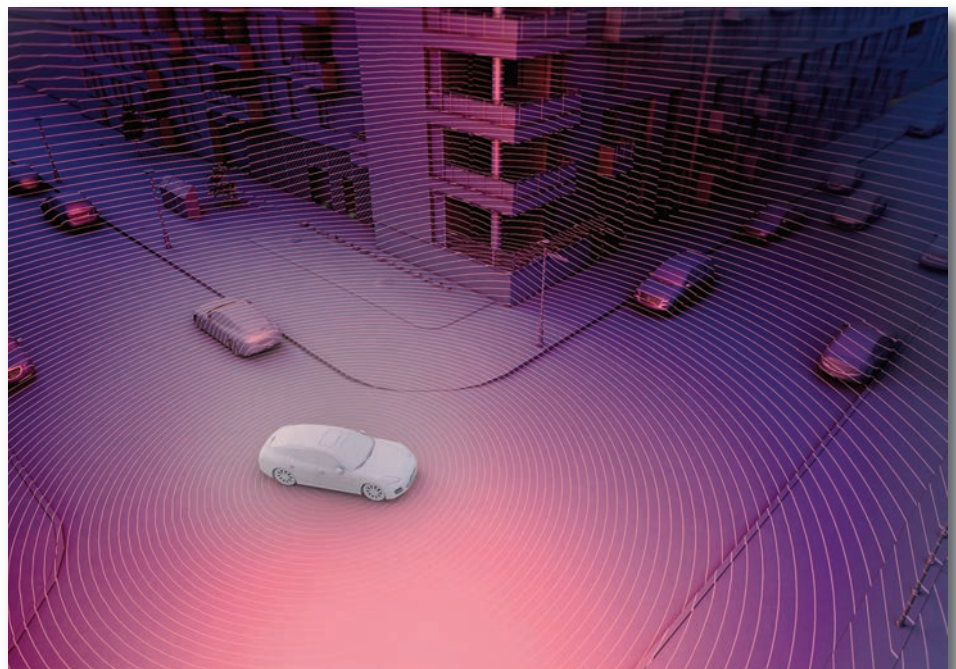
Automated Vehicle Program 2.0 Aims to Assist Innovative DFW Cities

NCTCOG seeks to promote an environment that encourages innovation in all transportation sectors. With cities such as Arlington, Dallas and Frisco hosting deployments of automated vehicle technologies, North Texas has been a laboratory for the transportation of tomorrow.

These automated technologies being tested in the region range from sidewalk delivery robots to automated interstate semi-trucks. They are being developed in parallel with innovative land (hyperloop) and aerial (Uber Elevate) technologies.

To support innovation in the vehicle automation sector throughout the region, the Regional Transportation Council has developed the Automated Vehicle Program 2.0. Approved by the RTC in 2018, this program will guide the region through the next generation of AV development.

Dallas-Fort Worth is attracting more attention from the automated vehicle developer community for a variety of AV deployment types. The AV 2.0 program will provide eligible public entities assistance with planning and implementation, while also helping with AV deployment in underserved communities.



North Texas policymakers have made innovation a priority as they look for ways to make the transportation system more efficient. The Automated Vehicle Program 2.0 could help spread AV technology throughout the region.

FACTSheet

The AV Program consists of three elements:

- 1. Planning:** Assist public entities that are planning ahead for the deployment of AVs; \$1.5 million.
- 2. Implementation Costs:** Funding to help public entities cover infrastructure, equipment, safety, public education and other costs incurred when an AV deployment comes to a community; \$10 million.
- 3. Regional Priority Projects:** AV deployment projects supporting use cases/communities that have not attracted AV developer interest; \$20 million.

This program is designed to provide planning resources for Dallas-Fort Worth communities and other public entities to prepare for AVs while advancing regional mobility goals. This includes providing funding for strategic regional investments in AV services in communities and to explore use cases that may be overlooked by the AV developer community.

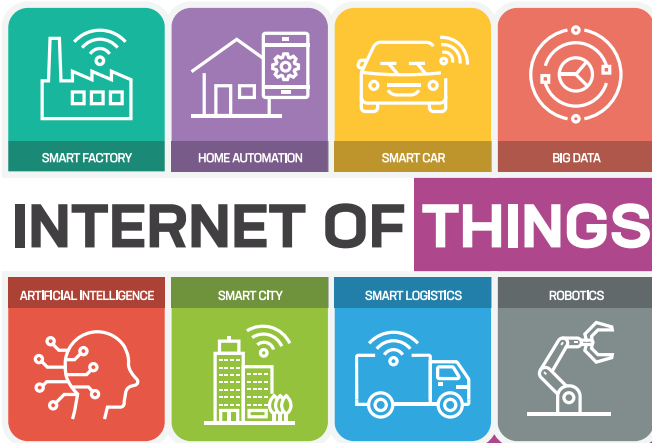
AV 2.0 encourages effective public-private partnerships with the AV developer community by reimbursing public entities for costs they incur in those partnerships. The RTC's

intention is to position Dallas-Fort Worth as a leader in development/deployment of AVs.

This program shows the public sector in Dallas-Fort Worth is forward-thinking and willing to work with the private sector while also protecting those who might be overlooked by the private sector. The RTC has also approved the use of Transportation Development Credits to help local communities with the required local match for funding awards.

As the RTC looks to improve connectivity and mobility, AV 2.0 is one example of how it is embracing technology. The Dallas-Fort Worth area has a population of 7.5 million and is expected to grow to more than 11 million by 2045. Such rapid expansion means the transportation system will employ a mix of traditional and innovative solutions to keep people moving efficiently.

Vehicle automation is one component of the region's comprehensive strategy. AV 2.0 will provide opportunities for cities across the region to test and support the deployment of automated technologies that could revolutionize the movement of people and goods.



Automated vehicles are one aspect of the technology revolution that could improve the way North Texas and other regions operate.



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