



# CITY FACT SHEET: DENVER

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## **Project Objective**

The US Department of Energy-funded *Making the Case for Smart, Shared, and Sustainable Mobility Services* project seeks to identify effective pathways to accelerate the electrification of shared mobility services. The project, led by the City of Seattle and Atlas Public Policy, brings together the U.S. Department of Energy and major industry stakeholders with the cities of Seattle, New York, Portland, and Denver to test different electric shared mobility interventions. Project teams in each city will focus on one type of market intervention and analyze the impact on electric vehicle adoption and electric miles traveled by carshare and ride-hail services. The project will create a replicable blueprint that sets an example of how to electrify shared fleets across the United States.

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## **What's happening in Denver?**

The City and County of Denver, coordinating across its Departments of Public Works and Public Health and Environment, seeks to understand how electric vehicles (EVs) can best be deployed in shared use spaces as a way of increasing electric miles traveled resulting in improved air quality and reduced greenhouse gas emissions. The City and County of Denver will test whether providing EVs directly to ride-hailing drivers while also supplying charging infrastructure will help to further the growth of EVs in shared use mobility services.

The City and County of Denver will partner with Maven, General Motors' (GM) mobility service, EVgo, and the Denver Metro Clean Cities Coalition to implement the project to electrify ridesharing in the City. Maven will deploy up to 150 Chevrolet Bolts in their ride-sharing services program which currently does not offer any electric vehicles in the Denver metro area. To support the charging of these vehicles, city agencies will partner with EVgo to site and install 4 to 6 fast charging stations. Maven EV drivers will have exclusive use of the charging stations for the first year of operation and then they will become accessible to the general public. The Denver Metro Clean Cities Coalition will conduct education and outreach activities to increase community awareness of the program and its benefits.

The project will test the potential for EV use in shared use mobility spaces with a broader goal of reducing emissions from the transportation sector. The deployment of EV ride-hailing vehicles along

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with fast charging stations has an anticipated impact of 9 million electric vehicle miles traveled, which has the cumulative savings of 300,000 gallons of gasoline.

**Denver,  
leading by  
example**

Despite the absence of state policy on zero emission vehicles, Denver is ranked as one of the top markets for electric vehicles. With grant funding from the Regional Air Quality Council, Denver produced the 2017 report [Opportunities for Vehicle Electrification](#), which identifies ways to maximize electric vehicle adoption in the region. Vehicles are the number one source of air pollution in Denver and the number two source of greenhouse gases. Increasing EV adoption while encouraging mode shifting will be essential to achieve Denver's goal of reducing carbon emissions 80 percent by 2050 and improving air quality. Denver's grid is rapidly increasing its percentage of renewable energy while decreasing its overall emissions, with plans to be 55 percent renewable by 2026.

Denver has over 140 charging ports at more than 60 locations, some of which are owned by the City for public use at places like the Denver Center for Performing Arts and Denver International Airport. Other locations include places like hotels, universities, restaurants, public buildings, and parking garages.

In addition to work on electrification, Denver's [Mobility Action Plan](#) will support the transportation choices people want to make and move more people, more efficiently, and more safely. It will increase mobility options, improve safety, address climate change, improve public health, and create more accessibility. Denver is ready to reinvent its transportation system with a focus on mobility, safety, equity, sustainability and smart technology to improve connectivity, economic opportunity and quality of life for everyone.

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Energy Efficient Mobility System "Living Lab" Project*