



# Micromobility Charging and Services



*Micromobility Infrastructure in Denver*

Micromobility public charging stations provide a place for e-bikes and scooters to charge within mobility hubs and around activity centers. This infrastructure addresses the needs of all micromobility users and encourages sustainable mobility options. Charging stations will allow both fleet users and people with personally-owned devices to have confidence that their devices will be charged when needed.

Bikeshare and scooter share programs are included in the broader suite of micromobility services. These programs allow users to access short-term bike rentals (electric or pedaled) or scooter rentals throughout a city. These micromobility devices can either be docked at stations or dockless and accessed through an app. Ensuring these programs include adaptive devices (e.g., tricycles and hand-powered bicycles) provides all users with the opportunity to utilize such a program.

## PROGRAM IN ACTION

The New York City Housing Authority is investing approximately \$25 million in e-bike charging infrastructure at 53 sites. The charging hubs are expected to be installed by 2025 and will provide a reliable charging source to riders within the City. The investment will provide micromobility users with a safe outdoor place to charge and store their devices while reducing the burden of in-home storage and reducing the risk of fires that may be caused by lithium-ion batteries.



*Citibike Station in New York City*  
Source: Jeff Greenberg/Getty Images

## PROGRAM HIGHLIGHTS



**Estimated Initiation Timeframe**  
3-5 years



**Implementation Cost**  
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**Potential Funding Sources**

- » General Fund
- » Federal, state, and regional grants
- » Public-private partnerships



**Leading Department**  
General Services



**Collaborating Entities**  
Other City departments, partner agencies, public-private partnerships



**Relevance to Mobility Master Plan Goals**  
Goals, 1, 4, 5, 8, 9, 10



**Relevance to Climate Action Plan**  
Actions 2.2 SA-2, 2.3 SA-4, 3.1b, 3.1f, 3.1g, 3.5 SA-7



**Incorporating Community Engagement**  
The community identified intra-neighborhood solutions as a top mobility need to provide individuals with safe and convenient access to schools, jobs, medical care, social support, and food. Expanding micromobility options and implementing battery charging infrastructure would encourage use of these sustainable mobility options.