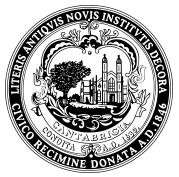


New Mobility Blueprint



New travel options and evolving technology are rapidly changing the way we get around our city and the region. To address these changes, the City of Cambridge is currently developing a New Mobility Blueprint. The transportation options and technology addressed in the Blueprint include:

- Single-occupancy and shared ride-hail
- Station-based and one-way carshare
- Single-occupancy and shared automated vehicles
- AV shuttles
- Shared dockless e-bikes, e-scooters
- Privately-owned e-bikes, e-scooters
- Micro-transit
- Electric vehicles
- Mobility as a Service (MaaS)
- Sidewalk bots and delivery drones
- Vertical take-off and landing (VTOL)



The Potential of New Mobility

There are many reports on the New Mobility that call on cities to prepare for transportation options that will be automated, connected, electric, and shared. Futurists make the case that these mobility changes can improve safety, accessibility, convenience, affordability, and equity, all while lowering transportation greenhouse gas (GHG) emissions. However, researchers, planners, and policy makers widely agree that a thoughtful groundwork must be laid to address the future of mobility. Without it, we could face more traffic, less safe streets, increased harmful emissions, threats to personal data, minimal access to trip data, and costly services that are out of reach for people with lower incomes.

Project Description

The New Mobility Blueprint's mission is to develop **actionable recommendations** for **policies, programs, and regulations** that will help the City ensure **new mobility** options are implemented in a way that **aligns** with and advances existing goals and policies. It will be adapted over time, as the mobility landscape changes.

The Blueprint is not a visioning exercise — it will result in concrete steps to further our planning for new mobility options. We are not creating new goals; we are using the City's goals, established through Envision Cambridge and other planning efforts, related to **safety, equity, transit and goods movement reliability, transportation network connectedness, traffic congestion, GHG emissions, and climate resilience.**

Envision Cambridge Mobility Goals and Relevant Climate & Energy Goals

- **Equity and Accessibility:** Ensure a diverse set of travel options that meet the access and mobility needs of people of all ages, abilities, and incomes.
- **Reliability and Efficiency:** Ensure people and goods can reliably move within Cambridge and around the region, and encourage space-efficient transportation choices like walking, biking, transit, and carpooling.
- **Safe and Active Transportation:** Eliminate traffic fatalities and serious injuries while encouraging active living and improving comfort for people of all ages and abilities.
- **Connectedness and User-Friendliness:** Create an easy-to-understand, integrated, continuous, and comfortable transportation network for all people.
- **Community Character and Vitality:** Ensure that the city's transportation system supports shared community spaces and enhances neighborhood streets.
- **Climate Mitigation and Resilience:** Achieve a carbon-neutral transportation system and adapt to climate change.
- **Climate Action:** Achieve carbon neutrality by 2050.
Climate Change Preparedness: Protect the lives and livelihoods of the Cambridge community from the impacts of climate change.

New Mobility Blueprint Process

- Technical Advisory Group—first meeting July 10, 2019
- Transportation trend assessment and future projections
- Strategies and actions that allow the City to shape new mobility to meet existing community goals
- Residential/neighborhood EV charging pilot design
- Proposed regulatory strategy for key policies
- Recommended approaches to effective public engagement

Project Schedule

