Transportation

Kasia Hart, Transportation Policy Associate
Transportation: MA’s largest GHG Emitter
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2014 MA & US GHG Emissions by Sector
(electricity apportioned to other sectors)

Source: MA Office of Energy and Environmental Affairs
Smarter Cars: EVs & AVs

Source: Wikimedia Commons

Source: Wikimedia Commons
What to do in the mean time…
1) Fewer Cars: Perfect Fit Parking

Goal: collect data to gain insight into the existing relationship between parking supply and demand at multifamily developments.

Surveyed 126 multifamily developments and conducted 80 on-site parking counts.
OVERBUILT PARKING
Average parking across five municipalities

The lot is 74% full

Number of Parking Spaces Available

Percent Parking Spaces Used

- 90% or more
- 60% to 89%
- Less than 60%

This blue line represents the average 80-unit residential building. This building has 58 parking spaces.

Each orange box represents a parked car. This building has 43 parked cars.

Each empty box represents an empty parking space. There are 13 unused parking spaces.
Findings: location matters...
...but supply may determine demand
Perfect Fit Parking: Phase 2

Expand work into additional communities in the Inner Core
- Boston, Brookline, Cambridge, Medford, Watertown

Create online tool to showcase findings and offer comparable data
2) Alternatives to Cars: Complete Streets

A Complete Street is one that provides safe and accessible options for all travel modes – walking, biking, transit and vehicles – for people of all ages and abilities.

Source: Smart Growth America
MassDOT Complete Streets Funding Program

Tier 1: Complete Streets Training and Policy Development

Tier 2: Complete Streets Prioritization Plan Development

Tier 3: Request funding for project construction
Winchester- Before
Winchester - After
Maynard Complete Streets Pilot
Maynard Complete Streets Pilot (cont.)
Thank you!

How to move 60 people via bus, bike, and car
Transportation Department

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