

A. MUNICIPAL CLIMATE LEADERSHIP

A.1. Lead by example through City operations and practices

A.1.1. Develop more concrete costs and fiscal benefits for each action in this plan and develop appropriate metrics in the CIP prioritization process to reflect the priorities of this plan	
A.1.2. Require that all new and renovated municipal buildings optimize (i.e., minimize) Energy Use Intensity (EUI) and meet the Sustainability Guidelines adopted by City Council for the Public Buildings Dept.	
A.1.3. Establish a policy to evaluate the phase-out of natural gas and oil from municipal buildings whenever new construction or major renovations are undertaken	
A.1.4. Continue to implement the vehicle replacement plan for all cost-effective candidates to transition to EVs or other zero-emission vehicles	
A.1.5. Install at least one EV charging station or trickle charger in every municipal parking lot within 5 years	
A.1.6. Install idling reduction systems in municipal vehicles	

A.2. Support the use of nature based solutions to improve community resiliency and sequester carbon

A.2.1. Prioritize street tree planting and landscaping at facilities in hot spot areas identified in the Climate Vulnerability Assessment	
A.2.2. Incorporate green infrastructure considerations and requirements into the rewrite of the City's Zoning Ordinance	

A.3. Advocate for priority climate action policies at the state level

A.3.1. Register all eligible representatives and vote on the International Energy Conservation Code (IECC) to increase base building efficiency and support electrification and other carbon reduction strategies	
A.3.2. Meet regularly with representatives to discuss City and region-wide climate priorities at the state level	

A.4. Build awareness and inspire action

A.4.1. Share best practices and integrate emerging climate mitigation practices into future iterations of the Climate Action Plan	
A.4.2. Maintain routine public engagement	

B. CLEAN ENERGY SUPPLY

B.1. Increase the amount of electricity provided by local clean energy resources

B.1.1. Continue the outreach campaign to encourage residents and businesses to opt-up to 100% through Newton Power Choice

B.1.2. Explore the option to increase the percentage of MA Class 1 RECS in Newton Power Choice

B.2. Support the development and installation of residential, commercial, and community-shared solar

B.2.1. Implement a Solarize Plus program for residents and businesses to encourage installation of rooftop solar and adoption of air-source heat pumps (in alignment with the Existing Buildings recommendation 2.1)

B.2.2. Work with the Housing Authority to develop a low-income community shared solar program under the state's SMART incentives

B.3. Pursue innovative energy delivery systems (i.e. microgrids, district energy, and energy storage)

B.3.1. Adopt requirements within the City's site plan and special permit review process for large-scale developments and major retrofits to consider the feasibility rooftop solar, clean heating and cooling alternatives, and district energy or microgrid systems,

B.4. Minimize emissions from the existing energy distribution systems, while transitioning to 100% renewable energy

B.4.1. Explore the opportunity to pilot neighborhood-scale conversion to neighborhoods that are all-electric heating and cooling systems, neighborhoods that are all-oil heat, or neighborhoods in which there is a high prevalence of leak-prone infrastructure

D. MOBILITY

C.1. Support and incentivize residents in taking more biking and walking trips

C.1.1. Require a percent reduction of single occupancy vehicle trips in the transportation demand management section of the draft Zoning Ordinance (Section 8.1.8)

C.1.2. Provide educational opportunities to support children, adults, and seniors in making zero carbon mobility choices

C.2. Improve access and connections to public transportation (rail, buses, and local shuttles) for all

C.2.1. Advocate for community transit service needs and bus stop upgrades during MBTA's Phase II Better Bus Project, Bus Network Redesign, Commuter Rail Upgrades, and Urban Rail Vision projects

C.2.2. Explore public-private partnerships to develop electric shuttles to support first- and last-mile connections for commuters

C.3. Increase the availability of electric vehicle charging stations

C.3.1. Identify suitable sites for electric vehicle infrastructure (i.e. level I, II, and DCFC charging stations, trickle chargers, and ground fault interrupter banks) for community-wide infrastructure (based on trip data and projected electric vehicle adoption)

C.3.2. Incorporate level I and level II electric vehicle charging station requirements into the Zoning ordinance and evaluation criteria for large multi-family developments that are planned for the next five years

C.3.3. Allow for installation of level I and level II electric vehicle charging stations by-right in residential zones and DC Fast Charging stations in non-residential zones

C.4. Incentivize residents to switch to electric vehicles

C.4.1. Partner with vehicle manufacturers, local dealerships, and large employers to promote sales of and provide discounts on electric vehicles for residents and businesses

C.4.2. Engage with the transportation network companies (TNCs), ride-hail, and private shuttle services to provide incentives that increase adoption of electric vehicle options

D. NEW CONSTRUCTION & MAJOR RENOVATIONS

D.1. Require high energy performance in new buildings

D.1.1. Adopt ordinance and/or special permit requirements that all new construction and major renovations meet certain sustainability standards and demonstrate that they have analyzed the costs and benefits of high-efficiency or renewable energy systems

D.1.2. Adopt an "eco-roof" zoning requirement that all new commercial and multifamily buildings of a certain size (e.g., 10,000 ft² or greater) include solar PV and "give credit" for solar thermal), white roof, or green roof

D.2. Adopt zoning measures to incentivize high-performance or net-zero new construction

D.2.1. Regularly review the Zoning Ordinance for opportunities to align the City's zoning with climate mitigation and adaptation priorities and objectives (including those addressing GHG emissions reductions)

D.2.2. Adopt zoning changes that allow appropriate housing density and ready access to public transportation to encourage low-impact development and mode shift

E. EXISTING BUILDINGS

E.1. Advance energy efficiency and weatherization in existing homes and businesses

E.1.1. Partner with energy efficiency program administrators and service providers to implement a community-wide energy efficiency outreach program to significantly increase uptake of energy efficiency measures

E.2. Electrify heating & cooling in residential and commercial buildings

E.2.1. Implement a Solarize Plus, HeatSmart, or similar aggregation program for residents and businesses to encourage adoption of clean heating & cooling technologies such as air-source heat pumps, solar hot water, and heat pump water heaters

E.2.2. Encourage/incentivize residents and businesses to transition to clean heating and cooling technologies (such as geothermal or air-source heat pumps) and/or install energy efficiency upgrades when applying for special permits

E.3. Zoning for energy efficiency and clean energy technologies

E.3.1. Allow by right the installation of GHG-reducing building improvements without special zoning review

E.3.2. Adopt an ordinance for buildings over 20,000 square feet requiring that building energy use be benchmarked and disclosed at point of sale or listing, or tenant turnover

E.3.3. Adopt an ordinance requiring that residential building energy use be assessed and disclosed through an energy efficiency scorecard, at the point of listing

F. CONSUMPTION-BASED AND DISPOSAL-BASED EMISSIONS

F.1. Reduce waste produced by residents, businesses, and municipal operations in Newton

F.1.1. Expand the curbside organics pilot program to offer year-round curbside collection to residents city-wide

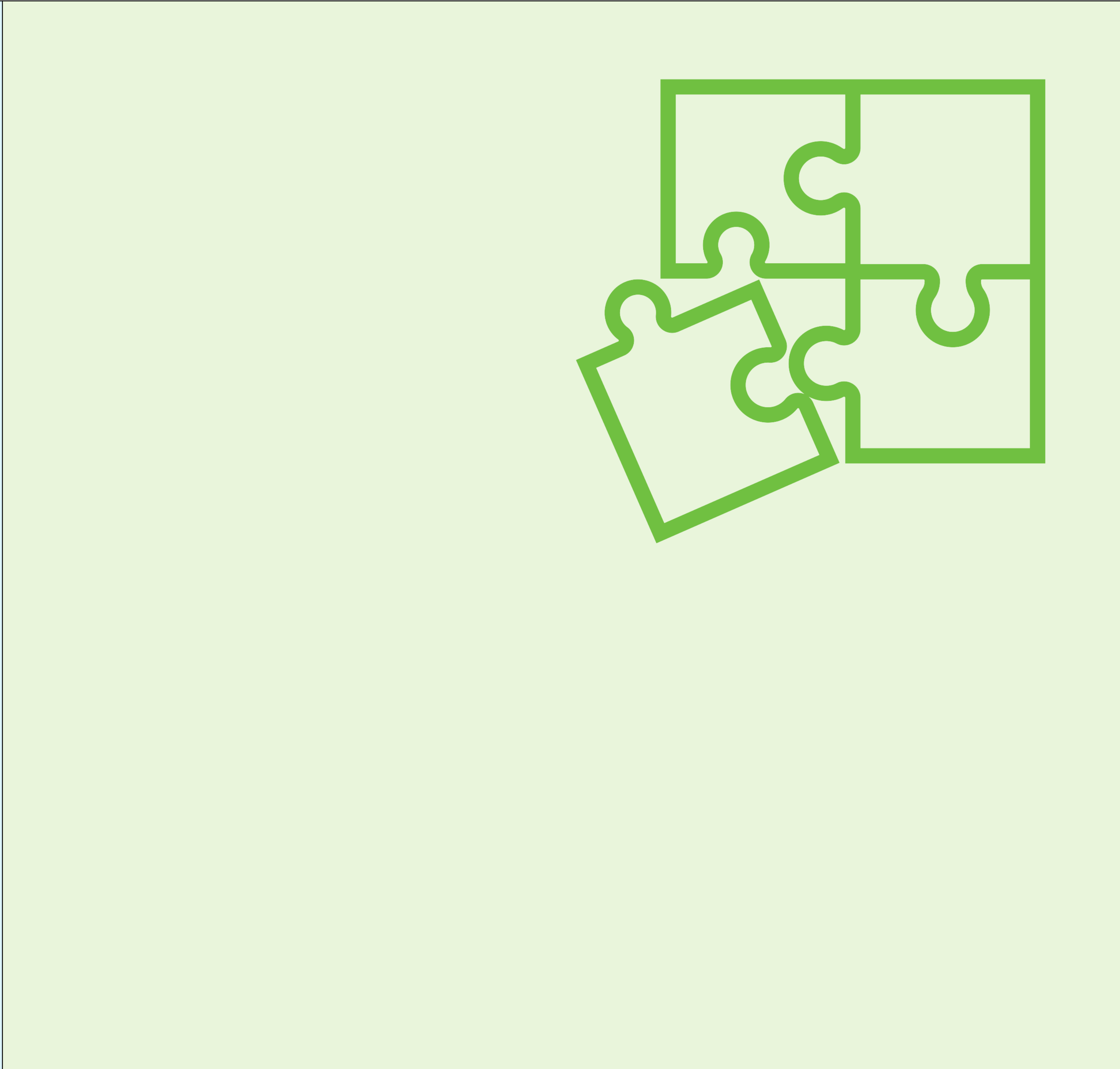
F.2. Build public awareness of low impact consumer choices to reduce, reuse, and recycle

F.2.1. Estimate/assess the complete GHG impacts of Newton's consumption of goods and services

POST-IT NOTE FEEDBACK BOARD

As residents and business owners in Newton, how does the City's five-year plan support, or not support, you in taking action?

Who could be a local partner for implementation of these actions with the City? (Please reference the action # if your recommendation is specific to an action)

A light blue rectangular area intended for feedback. In the bottom-left corner, there is a blue line-art icon consisting of a speech bubble with three horizontal lines inside, and a pencil pointing towards the top-right corner of the bubble.A light green rectangular area intended for feedback. In the top-right corner, there is a green line-art icon of four interlocking puzzle pieces arranged in a 2x2 square.