

Actions	Timeframe	Lead	Support
Strategy Area A: Embrace the Future of Transportation			
Accelerate Zero-Emission Vehicles			
Evaluate the purchase or lease of low or zero-emission vehicles for municipal owned vehicle fleets during the procurement process.	Ongoing	TM	EC
Install electric charging stations in public parking areas for hybrid plug-in and electric vehicles.	Ongoing	EC	Rec, DPW
Adopt ordinances to encourage electric charging infrastructure, including at multifamily dwellings, businesses, and public parking areas.	Short	P	EC
Improve Mobility and Reduce Vehicle Miles Traveled (VMT)			
Implement strategies that increase public transit ridership and alternative transportation modes, including bike and walking infrastructure.	Mid	P	Bike/Ped, EC
Conduct needs assessment for local transit (i.e. local bus) options to determine if transit options are needed for getting around Topsham.	Mid	EC	TM
Continue to support and enhance Regional Trail Systems	Ongoing	TM, P	Bike/Ped
Adopt land use and development policies in plans and codes that reduce the need for driving (e.g. locating schools, workplaces, and shopping near where people live; encouraging density of development near housing and transportation).	Ongoing	P	PB, Bike/Ped
Adopt a Complete Streets policy which addresses safety, bike/pedestrian uses, and transit.	Short	PD	Bike Ped Committee
Implement climate impact fees on new or redevelopment to encourage resilient and sustainable development and support future municipal projects.	Long	EC	P, PB, TCC

Strategy Area B: Modernize Maine's Buildings			
Transition to Cleaner Heating and Cooling, and Efficient Appliances in Municipal/Tribal Buildings			
Adopt and execute a plan for energy efficiency and building envelope weatherization improvements for municipal buildings. Collaborate with local school district for school building improvements.	Mid	TM	EC
Consider the Municipal Complex as a demonstration area for low-cost, high-impact techniques that residents could implement at home	Ongoing	EC	TM, TCC
Upgrade to energy efficient interior lighting in municipal buildings.	Ongoing	TM	
Upgrade to energy efficient appliances in municipal buildings.	Ongoing	TM	EC
Install heat pump system or VRF system for heating/cooling and heat pump water heating in municipal buildings.	Long	TM	EC
Upgrade streetlights and exterior lighting for municipally-owned facilities with energy efficient LED lighting (and minimize light pollution with downlighting where possible).	Ongoing	TM	EC
Support and encourage window insulation upgrades for town residents	short	EC	TM
Advance the Design and Construction of New Buildings			
Publicize green building techniques and developers using them.	Ongoing	EC	

Strategy Area C: Reduce Emissions through Clean Energy Innovation			
Reduce Greenhouse Gas (GHG) Emissions			
Long-term planning/capital improvement planning Provide input to town's long-term budget planning for facilities, vehicles, and equipment	Mid	TM	EC
Advance Clean Energy Adoption			
Continue to support and advance renewable energy ordinance(s) that allows, enables, or encourages community-appropriate renewable energy and energy storage installations and a streamlined permitting process for small-scale renewable energy installations.	Ongoing	P	EC
Add website examples of clean energy upgrades and attributed cost savings on the Town's webpage.	Ongoing	EC	P
Maintain a streamlined permitting process for small-scale renewable energy installations.	Ongoing	CEO	
Transition to Clean Energy			
Maintain a long-term service contract or power purchase agreement (PPA) and where possible supply our own renewable power ensuring a majority of the municipality's electricity is from local renewable energy sources.	Ongoing	TM	EC
Fund a feasibility study to lease land to an installer to create a revenue stream for the town.	Short	EC	TM
Install renewable energy projects on municipal property (i.e. rooftop, parking lot, landfill, wellhead protection area, recreation fields).	Ongoing	EC	TM

Strategy Area D: Grow Jobs and Protect Natural Resource Industries			
Support Maine's Natural Resource Economy			
Adopt policies that enable, support, or incentivize local food production and consumption, including community gardens.	Long	P	TCC
Strategy Area E: Protect the Environment & Promote Natural Climate Solutions			
Protect Natural and Working Lands and Waters			
Incorporate a goal into conservation plans of conserving land with a priority on addressing conservation gaps related to high biodiversity areas, undeveloped blocks, and land and water connectivity.	Ongoing	TCC	P
Create or update a watershed plan to identify flooding and water quality priorities and adaptation options.	Med	TCC	P
Continue working with the Brunswick Topsham Land Trust and State of Maine to expand existing conservation high-value and flood prone areas such as around the Muddy and Cathance Rivers.	Ongoing	TCC, PB, P	
Develop an invasive species management plan for public lands.	Long	DPW, Rec	TCC
Inventory waste practices in municipal operations to identify opportunities to reduce waste and implement waste reduction programs for municipal operations.	Long	TM	All Depts
Evaluate feasibility of a "Swap Shop" at the transfer station and formalize existing educational practices by staff to expand sustainable waste management and re-use practices.	Long	SWF	
Strategy Area F: Build Healthy & Resilient Communities			
Strengthen Public Health			
Identify and plan to reduce public health threats in the community that are exacerbated by climate change.	Ongoing	EMS	

Strategy Area G: Invest in Climate-Ready Infrastructure			
Assess climate vulnerability of infrastructure			
Encourage new development to consider underground powerlines to reduce outage impacts.	Ongoing	P, TM	PB
Insure the Capital Investment Plan a) identifies vulnerable municipal facilities and assets, and b) prioritizes resilience in improvements and/or new construction.	Ongoing	DPW, TM	
Utilize climate-ready standards, designs, and practices to improve infrastructure		DPW ongoing	
Adopt DEP's Stream Smart Crossing Guidelines as standard practice for culvert and bridge improvements. Identify vulnerable crossings and apply for DEP improvement funds.	Ongoing	DPW	TM
Strategy Area H: Engage Maine People			
Increase public awareness of climate change impacts and opportunities to take action			
Continue to support groups of community stakeholders to assist in the implementation of this plan.	Ongoing	P, PD	EC, TCC, Bike/Ped, PB
Create an outreach program focusing a climate change mitigation and adaptation and energy efficiency programs for residents and businesses.	Ongoing	EC	
Amplify public health advisories for climate-related health and weather events, such as air quality advisories, extreme heat or cold events, extreme storms, power outages, waterborne disease outbreaks, harmful algal blooms, vectorborne disease trends, etc.	Ongoing	PD/EMS	
Pursue grant funding to develop and support an annual outreach plan to educate residents about the risks of brown tail moths, ticks and mosquitos, and methods to prevent illness.	Long	TCC	Rec
Engage youth in resilience, clean energy, and energy use reduction.	Ongoing	EC	
Collaborate with local schools to incorporate climate change, resilience, and sustainability into school curricula and operations (fleet vehicles, buildings, etc.)	Ongoing	EC	

Acronyms

Bike/Ped	Bicycle and Pedestrian Committee	PB	Planning Board
CEO	Code Enforcement Officer	Rec	Parks and Recreation Dept.
DPW	Department of Public Works	SB	Select Board
EC	Energy Committee	SWF	Solid Waste Facility
EMS	Emergency Services	TCC	Topsham Conservation Commission
P	Planning Department	TM	Town Manager
PD	Police Department		

Timeframes

Short	2 years or less
Mid	2-5 years
Long	5+ years
Ongoing	Already in progress and continuing