

Community Resilience Partnership							
List of Community Actions							
Revised December 1, 2021							
✓	Strategy Areas & Actions			Additional Resources (\$=funding source)			
Strategy Area A: Embrace the Future of Transportation							
Accelerate the Transition to Electric Vehicles (EVs)				8-3-22 work session notes	Current implementation status	Priority	Notes
A1	Purchase or lease electric vehicles for municipal or tribal government-owned vehicle fleets. (Grants capped at \$2,000 per light duty EV.)	Efficiency Maine: Municipal EV rebates (\$)		If we're planning on purchasing fleet vehicles, they should be electric. Electric school buses. Use electric vehicles for transit-paratransit vehicles.	Not done or unknown	Yes	One police vehicle is a hybrid.
A2	Install EV chargers in public parking areas.	Efficiency Maine: EV supply equipment initiative (\$)		Installing charging stations would incentivize residents' Evs	Not done or unknown	Yes	
A3	Adopt ordinances to encourage EV charging infrastructure, including at multifamily dwellings, businesses, and public parking areas.	Municipal Electric Vehicle Readiness Toolkit (Southern Maine Planning and Development Commission)			Not done or unknown		Updating parking land use regulations on Town Planner's to-do list
A4	Adopt an anti-idling ordinance.	Example: Bar Harbor Municipal Code			Not done or unknown		
Improve Mobility and Reduce Vehicle Miles Traveled (VMT)							
A5	Implement strategies that increase public transit ridership and alternative transportation modes, including bike and walking infrastructure.				In progress	Yes	Town Bike-Ped plan adopted Dec. 2021; priority corridors in design
A6	Implement strategies that encourage municipal/tribal employees to commute via carpools, public transit, bike/walk, or other alternatives to single-occupancy vehicles.			Priority - encourage carpooling.	Not done or unknown		
A7	Adopt a telework policy for municipal/tribal government staff positions that can work remotely some days per week.				Some progress		No formal telework policy but WFH requests reviewed on case-by-case basis
A8	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).			Priority. Encourage local employers to hire people that could stay in town instead of commuting.	Some progress	Yes	2009 Comp Plan does emphasize growth areas in/around Village and VMT reduction strategies; zoning could be better
A9	Adopt a Complete Streets policy which addresses safety, bike/pedestrian uses, and transit.	Maine DOT Complete Streets		Priority.	Some progress	Yes	No policy per se; but Bike-Ped Plan emphasizes complete streets' importance
A10	Adopt a broadband plan that reduces the need to drive by increasing access to high speed internet for underserved residents to support telecommuting, access to remote education and telehealth.	Connect Maine planning and infrastructure grants (\$)			Not done or unknown		

Strategy Area B: Modernize Maine's Buildings							
Transition to Cleaner Heating and Cooling, and Efficient Appliances in Municipal/Tribal Buildings							
B1	Adopt and execute a plan for energy efficiency and building envelope weatherization improvements for municipal/tribal buildings. Collaborate with local school district for school building improvements.	Efficiency Maine: Public Sector (\$)	Renovation of Town Hall - use green building innovations, energy efficiency. Green Town Hall could educate people on green building, how we make choices on building materials	Some progress	Yes	Comp Plan. Have emailed District Facilities Coordinator regarding school buildings. Town Hall feasibility work/architectural concepts.	
B2	Upgrade to energy efficient interior lighting in municipal/tribal buildings.	Efficiency Maine: Public Sector (\$)		Some progress		Comp Plan	
B3	Upgrade to energy efficient appliances in municipal/tribal buildings.	Efficiency Maine: Public Sector (\$)		Some progress		Comp Plan	
B4	Install a heat pump system or VRF system for heating/cooling and heat pump water heating in municipal/tribal buildings.	Efficiency Maine: Public Sector (\$)		Partially complete		Town Hall has heat pump system	
B5	Upgrade streetlights and exterior lighting for municipally/tribally-owned facilities with energy efficient LED lighting (and minimize light pollution with downlighting where possible).	Efficiency Maine: Public Sector (\$)		Partially complete		Route 236 traffic signals	
B6	Adjust procurement policies to prioritize climate-friendly Maine forest products (e.g. mass timber, wood-fiber insulation) in construction projects.			Not done or unknown			
Advance the Design and Construction of New Buildings							
B7	Adopt the energy efficiency stretch building code (currently IECC 2021).	International Energy Conservation Code 2021	Look into adoption of 2021 IECC.	Partially complete	Yes.	IECC 2015	
B8	Require EV charging readiness and solar energy readiness for all new construction.	Municipal Electric Vehicle Readiness Toolkit (Southern Maine Planning and Development Commission)		Some progress		Open Space Developments - buildings to be arranged for solar	
B9	Support regular professional development for code enforcement officers, especially Efficiency Maine's code trainings.	Efficiency Maine trainings		Yes		CEO attends trainings	
B10	Adopt C-PACE ordinance for commercial property owners to install renewable energy systems, energy efficiency measures, and EV charging infrastructure (pending state program launch).	Efficiency Maine: Energy Loan Comparison Chart (PDF)	Look into adoption of this to reduce commercial energy use. State incentives and subsidies? Education about those incentives.	Not done or unknown			

Strategy Area C: Reduce Emissions through Clean Energy Innovation						
Reduce Greenhouse Gas (GHG) Emissions						
C1	Conduct a baseline for energy useage by municipal/tribal government including electricity, heating and transportation fuels, and other energy sources.			Some progress		Eliot Energy Commission audit (2006); Comp Plan
C2	Identify and track a simplified set of emissions indicators for community emissions reduction (e.g. number of EVs registered in the community, number of homes with solar panels, number of heat pump rebates from Efficiency Maine).			Not done or unknown		However, # of building permits for residential solar systems could potentially be tallied.
C3	Adopt a resolution setting targets and a plan for reducing emissions and advancing clean energy from municipal/tribal operations that align with the state's targets.			Some progress		Comp Plan
Advance Clean Energy Adoption						
C4	Adopt a renewable energy ordinance(s) that allows, enables, or encourages community-appropriate renewable energy and energy storage installations.	US DOE SolSmart program and technical assistance		Partially complete		Small-scale solar energy systems are "by right" in all zoning districts; small-scale wind allowable subject to Site Plan Review
C5	Adopt a streamlined permitting process for small-scale renewable energy installations.	US Department of Energy: SolarApp		Complete		See above
Transition to Clean Energy						
C6	Enter into a long-term service contract or power purchase agreement (PPA) or adopt a clean power purchase policy to ensure increasing local government energy supplies come from renewable energy.	USDA Rural Development: Rural Energy for America (\$)		Complete		Town PW garage/landfill solar - Revision Energy; Town agreement with Ampion for residents to purchase solar power
C7	Install a renewable energy project (solar, wind, geothermal, anaerobic digestion, etc.) on municipal/tribal property (e.g. school rooftop, wellhead protection area, landfill, brownfield site, etc.).	USDA Rural Development: Rural Energy for America (\$)		Complete		Town PW garage/landfill solar

Strategy Area D: Grow Jobs and Protect Natural Resource Industries							
Support Maine's Natural Resource Economy							
D1	Adopt policies that enable, support, or incentivize local food production and consumption, including community gardens.			Good progress	Yes	Local food & agritourism ordinances; Ag/Food Security Committee	
D2	Adjust procurement policies to prioritize climate-friendly Maine forest products (e.g. mass timber, wood-fiber insulation) in construction projects.			Not done or unknown			
Support Clean Energy Jobs and Businesses							
D3	Assess the suitability of privately-owned brownfield and disturbed/contaminated sites for clean energy projects and encourage project development.	US EPA RePowering America's Land program		Partially complete		SMPDC/consultant conducted Brownfields Assessment for sites along Route 236	
D4	Establish incentives for clean energy industry or businesses to locate in community.			Not done or unknown			
D5	Encourage and support clean energy industries in economic development plans.			Not done or unknown			

Strategy Area E: Protect the Environment & Promote Natural Climate Solutions						
Protect Natural and Working Lands and Waters						
E1	Set targets for increasing green space and tree planting to increase shade and water access in public spaces and carbon sequestration.	DACF Project Canopy (S)		Some progress		Comp Plan and land use regulations
E2	Incorporate a goal into conservation plans of conserving 30% of land in the community by 2030 (including undeveloped town property), with a priority on addressing conservation gaps related to high biodiversity areas, undeveloped blocks, and land and water connectivity.	IWF: Beginning with Habitat		Some progress		Comp Plan; Open Space Plan; land use regulations
E3	Create or update a watershed plan to identify flooding and water quality priorities and adaptation options.		Priority	Some progress		York River Stewardship Planning
E4	Develop a natural resource and habitat inventory that includes climate stressors and impacts.	ME Natural Areas Program: Maps, Data, and Technical Assistance		Some progress		Comp Plan; Open Space Plan; State-level efforts such as MNAP; MDIFW
E5	Conserve, revegetate and reconnect floodplains and buffers in riparian areas.			Some progress		Shoreland zoning
E6	Preserve climate-threatened natural areas such as wetlands, riparian areas, and headwater streams through zoning or other regulations.			Some progress		GWLT, Town Forest, Great Thicket NWR
E7	Implement a source water protection program.			Some progress		Shoreland zoning; York River Stewardship; Mt. A conservation areas
E8	Adopt policies that prioritize natural, nature-based or ecologically enhanced shoreline protection for coastlines, rivers, and lakes.		Priority	Some progress		Shoreland zoning
E9	Identify and protect sites for living shorelines and saltmarsh migration areas.	ME Natural Areas Program: Maps, Data, and Technical Assistance	Priority. York Wild/Scenic has mapping. Engage with regional initiatives like Piscataqua River Estuary Program.	Some progress	Yes	Shoreland zoning; State-level efforts
E10	Identify and protect open space in the floodplain to increase flood buffers and community resilience.	ME Natural Areas Program: Maps, Data, and Technical Assistance	Priority	Some progress		Shoreland zoning; floodplain management ordinance; State-level efforts

Strategy Area F: Build Healthy & Resilient Communities							
Plan for Community Resilience							
F1	Conduct a community vulnerability assessment that identifies climate risks and vulnerable populations and includes a review of existing plans and policies. Adopt a climate resilience plan that describes high priority strategies for reducing risk and vulnerabilities (may be a standalone plan or included in a comprehensive plan).		See Self Evaluation discussion and cross populate our notes.	Partially complete			From Christine Bennett: "The Energy committee assessed the resiliency of Town Hall/Police Station & Fire Station to be able to withstand a long-term power outage & provide emergency services."
F2	Update the local or county EMA hazard mitigation plan to address changing/future conditions and identify specific strategies to reduce vulnerability and increase resilience to climate change impacts.			In progress			York County plan
F3	Develop or enhance early warning systems and community evacuation plans.			Not sure			
F4	Develop a storm debris management plan.			Not sure			
Reduce Flood Risk							
F5	Complete the Maine Flood Resilience Checklist.	Maine Flood Resilience Checklist		Not done or unknown			
F6	Participate in the National Flood Insurance Program (NFIP).	FEMA's Community Rating System		Complete			Participating community; floodplain ordinance
F7	Enroll in the NFIP's Community Rating System (CRS) at Class 9 or better, reducing flood insurance premiums for community residents.	FEMA's Community Rating System		Not sure			
F8	Achieve CRS Class 6 or better, maximizing flood insurance savings for community residents.	FEMA's Community Rating System		Not sure			
F9	Map sea level rise projections in the local or county EMA hazard mitigation plan.			Complete			York County plan/SMPDC
F10	Require consideration of sea level rise projections and impacts in planning and permitting coastal development.			Not done or unknown			
F11	Adopt freeboard requirements in the special flood hazard area and higher freeboard critical infrastructure and long-lifespan assets.			Not sure			
F12	Adopt a low-impact design (LID) standard for stormwater management.	Low Impact Design Manual for Maine Communities (PDF)		Some progress	Yes		SMSWG Model Ordinance development

Strengthen Public Health							
F13	Identify and plan to reduce public health threats in the community that are exacerbated by climate change.	US CDC Health Harm Cards and Climate & Health Planning Worksheet	Need to address the public health implications of extreme heat (e.g. establishing cooling centers, or heating centers in winter); increasing numbers of ticks and other pests	Not done or unknown	Yes		
F14	Develop and implement an extreme temperatures emergency plan, including strategies that increase use of cooling centers by residents.	US CDC Heat & Health Tracker Resources: Heat Response Plans and Use of Cooling Centers		Not done or unknown			York County Plan references emergency shelters
F15	Establish a peer-to-peer program for checking in on vulnerable community members during extreme heat or cold events.			Not sure			There may be some grassroots efforts, e.g. Eliot Strong, Eliot Connects?
F16	Increase community-level resilience to mosquito-borne diseases by implementing vector controls to decrease mosquito habitat.	Maine CDC Mosquito-Borne Illness Prevention & Response Guidance for Maine Towns and Communities (PDF)		Not sure			
F17	Implement school-based programs to educate students about prevention of mosquito- and tick-borne diseases.	https://www.maine.gov/dhhs/mecdc/infectious-disease/epi/school-curriculum/index.shtml	Priority.	Not sure			

Strategy Area G: Invest in Climate-Ready Infrastructure					
Assess climate vulnerability of infrastructure					
G1	Conduct a vulnerability assessment for critical community infrastructure that includes: 1) the climate hazards to which infrastructure assets are exposed and how the intensity and likelihood will change over time; 2) the susceptibility to damage or failure given location, design, age, condition, and state of repair; and 3) the consequences that impairment or failure of the infrastructure will have on the community.			Partially complete	From Christine Bennett: "The Energy committee assessed the resiliency of Town Hall/Police Station & Fire Station to be able to withstand a long-term power outage & provide emergency services."
G2	Develop a Capital Investment Plan that a) identifies vulnerable municipal/tribal facilities and assets, and b) prioritizes resilience in improvements and/or new construction.			Some progress	Yes CIP Committee; Comp Plan; need for multi-year fiscal projections and detailed CIP
Utilize climate-ready standards, designs, and practices to improve infrastructure					
G3	Improve and protect drinking water and wastewater treatment facilities to reduce physical damage and sustain function during extreme weather events.			Not sure	
G4	Adopt a policy that prioritizes green infrastructure to manage stormwater in developed areas.			In progress	Yes Erosion-sedimentation control; Post-construction SW mgmt; LID
G5	Adopt DEP's Stream Smart Crossing Guidelines as standard practice for culvert and bridge improvements. Identify vulnerable crossings and apply for DEP improvement funds.	DEP Stream Smart Crossings Grants and Pocket Guide (\$)		Not done or unknown	
G6	Assess wastewater treatment facilities for clean energy potential (solar, anaerobic digester, etc.).			Not sure	Refer to Town of Kittery Sewer Dept.

Strategy Area H: Engage Maine People							
H1	Establish or recognize an official committee of community stakeholders.			In progress			This CRP effort; upcoming Comp Plan update
Increase public awareness of climate change impacts and opportunities to take action							
H2	Create a climate change education, outreach, and engagement program, focusing on mitigation and adaptation for residents and businesses.	US CDC Climate & Community Health (PDF)		Priority. Important to educate everyone on what they can do personally to address climate change. ECC booth at Eliot Festival Days. Inform residents about the CRP and what the Town's doing. Promote the CRP at Festival Days, including info about Oct. CRP workshop.	Not sure		No program at Town level; may be private/grassroots efforts
H3	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.	NWS advisories (weather.gov/gyx and weather.gov/car); DEP air quality advisories (maine.gov/dep/air/ozone/index.html); ME Tracking Network displays of near real-time heat illness, cold illness, or tickborne diseases (data.mainepublichealth.gov/tracking)			Not sure		
H4	Engage youth in resilience, clean energy, and energy use reduction.			Priority. Get younger Eliot residents' input on these priorities and involvement in projects. Have programs for youth.	Not sure		
H5	Engage populations that are vulnerable to climate impacts in resilience, clean energy, and GHG emissions reduction.				Not done or unknown		
Engage the business community and recognize climate leadership							
H6	Create and support an energy reduction campaign or challenge among businesses.				Not done or unknown		
H7	Initiate a community bulk purchasing program with a vendor, or vendors, to provide low cost equipment such as heat pumps and solar for interested residents and businesses.	Portland's "Electrify Everything!" Initiative			Not done or unknown		

Additional idea from work session:
community gardens