

# Community Resilience Partnership: Eliot

Action Item Flipcharts with votes and notes from 10/25/22 Community Workshop

## FLIPCHART 1

Embrace the Future of Transportation		
Votes	Action	Notes
4	A.1 * Purchase or lease electric vehicles for municipal or tribal government-owned vehicle fleets.	Doable. Easiest. Electric school bus would mean \$\$savings for the town. Not practical for town because their fleet is small. Lots of Fed money coming down the pipeline for public transit and EV's.
4	A.2 * Install EV chargers in public parking areas. Can be used by lots of people. Makes it easier for residents to own and operate EVs	This is becoming doable. The chargers can also be used as backup generators. Encourages residents to buy EV's. Could install off the grid solar chargers (CA company with solar unit). Lots of Fed money coming down the pipeline for public transit and EV's.
9	A.5 * Implement strategies that increase public transit ridership and alternative transportation modes, including bike and walking infrastructure Alternative Transportation	No public transit in Eliot (especially for seniors). Partner with COAST? Currently COAST only goes to PNSY for the workers.

		Electric Bus? Could be doable. Town is working on park & ride. There will never be a park & ride or public transit in Eliot, that's wishful thinking. (there was disagreement on this point and the person who made this comment ended up changing their mind and voting for this action)
1	A.8 * 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).	The town doesn't have the land, not relevant right now. Excitement about cottage clusters, gathering areas, villages. Challenge is the town is already built. This would be a great idea if we were starting from scratch.
9	A.9 * Adopt a Complete Streets policy which addresses safety, bike/pedestrian uses, and transit.  Street safety is important to parents for kids walking and biking. It's important to other community members too who don't have kids. The lack of sidewalks and walkability on Main Street was mentioned by a number of people.	Jeff did a study for the water and sewer project. The study included putting in sidewalks and bike lanes along Arc Rd, Beach Rd, State Rd, and Bolt Hill Rd. Is that project already happening or does the town need money? The town needs money to do the work. Goodwin Rd influences a lot of other roads. From Mike Sullivan

→ If the town adopts a complete streets policy the State has to comply with their policy when they do work on state roads in the town. South Berwick is building sidewalks. A complete streets policy for Rt.103 makes sense. Is this a local road? Currently State road but talk about town taking it from the state. This road is important for runners and walkers. You don't feel safe now. Can't walk on Main St either. Could pair with E-bike share. Could help keep people out of cars.

**General Notes:**

All good.

A lot of these actions are good if you're building a town from scratch, but hard for a town that already exists. We should focus on what will have the most impact, what's doable based on what the town is already like.

FLIPCHART 2

<b>Modernize Buildings, Reduce Emissions, &amp; Invest in Climate-Ready Infrastructure</b>		
<b>Votes</b>	<b>Action</b>	<b>Notes</b>
<p>6</p>	<p>B.1 * Adopt and execute a plan for energy efficiency and weatherization improvements for municipal and school buildings.</p>	<p>GHG emissions inventory was conducted in the past and needs.</p> <p>School efficiency in particular is important (could be a resilience hub)</p> <p>Weatherization low hanging fruit.</p>
<p>1</p>	<p>H.7 Initiate a community bulk purchasing program with a vendor(s) to provide low-cost equipment (e.g., heat pumps, solar) for residents and businesses.</p>	<p>Ampion Community solar already in town</p> <p>We like heat pumps, EV chargers. Lawn equipment would be good too. South Portland is doing &amp; we should watch how it goes</p>
<p>1</p>	<p>B.7 * Adopt the energy efficiency stretch building code.</p>	<p>Lots of commercial development. Could have big impact. What is the cost to residents though?</p>
<p>0</p>	<p>C.1 Conduct a baseline for energy usage by municipal government (electricity, heating and transportation fuels, &amp; other sources)</p>	<p>Old inventory, town offices. Need long-term planning to eliminate fossil fuels.</p>
<p>0</p>	<p>C.3 Adopt a resolution setting targets and a plan for reducing emissions and advancing clean energy from municipal operations that align with the state's targets.</p>	<p>Did inventory, what about a long-term plan? Need a plan for Grant funding.</p>

4	G.1 Conduct a climate change vulnerability assessment for critical infrastructure.	Could do if state level action isn't sufficient. SLR impacts high tide flooding; causeway, bridges infrastructure. Surprised this action didn't receive a star. Seems important. Maybe specific infrastructure.
1	G.2 * Develop a Capital Investment Plan that identifies vulnerable municipal facilities and assets and prioritizes resilience in improvements and/or new construction.	Maybe for specific infrastructure, in tandem with G.1
4	G.3 Improve and protect drinking water and wastewater treatment facilities to reduce physical damage and sustain function during extreme weather events.	Sewer extension along river. Drinking water contamination.
1	G.4 * Adopt a policy that prioritizes green infrastructure to manage stormwater.	Do have stormwater issues. MS4 permit will address, but could more work be done on mat?
1	G.5 Adopt DEP's Stream Smart Crossing Guidelines for culvert and bridge improvements. Identify vulnerable crossings and apply for DEP improvement funds.	Protecting waterways

**General Notes:**

Town offices have done energy upgrades before. Renovate vs new (Town Hall), not sure about what has already been done.

Municipal actions set an example & tone. Municipal vs Community focused actions. Long term vs immediate actions

FLIPCHART 3

<b>Grow Jobs, Protect Natural Resource Industries; Protect the Environment &amp; Promote Natural Solutions</b>		
<b>Votes</b>	<b>Action</b>	<b>Notes</b>
<p>4</p>	<p>D.1 * Adopt policies that enable, support, or incentivize local food production and consumption, including community gardens.</p> <p>Eliot is only in ME to establish ag. &amp; food sec. commission- schools, food, canning program at Green Acres. Important *helps our vulm. Comm. \$lots of grants for comm. gardens, partners. New ideas – people help w/ garden to produce food for pantry eg. A/P comm. adopts gardens. EFD-Farmers market</p>	<p>Maybe other funding sources (IRA, Infl.) Love community gardens, Green Acre thinking about, Comm. garden at church 4/16 get used need funded Manager publicize. We have a Food bank in Kittery, it's mainly further away. Equity issue Senior, disabled</p>
<p>4</p>	<p>D.4 Establish incentives for clean energy industry or businesses to locate in Eliot.</p>	<p>Town's assessed value is 80% res. / 20% bus. help w/comm. garden this is key. What kinds of industries? Solar – maintenance. Also think about polluting other countries</p>
<p>1</p>	<p>E.3 Create or update a watershed plan to identify flooding and water quality priorities and adaptation options.</p>	<p>Connected to E/O? Have to ID these areas</p>
<p>2</p>	<p>E.4 Develop a natural resource and habitat inventory that includes climate stressors and impacts.</p>	<p>Need to do an inventory</p>

2	E.5 Conserve, revegetate and reconnect floodplains and buffers in <u>riparian (Rivers)</u> areas.  Overlap synergy	Phragmites- losing buffer & knotweed
2	E.9 * Identify and protect sites for living shorelines and saltmarsh migration areas.	Green Acre, Piscataqua, Dead Duck – erosion, conce
6	E.10 Identify and protect open space in the floodplain to increase flood buffers and community resilience.  Overlap synergy	Green Crabs *critical CC talks about helps CC prioritize conservation goals

**General Notes:**

Ext. of clean water/sewer. Practices to address contamination sites. DEP-PFAS study in South Eliot right now.

Sewer along river vs just to businesses? Make sure we're not forced into it later at greater loss. All E are critical. Conscious of costs of these. NFIP Funding – Maine, Inflation Reduction Act, Infrastructure. Basement flooding- connected to SLR? Causeway along 103. Homeowner – mitigation actions? For flooding. Shipyard has been looking at SLR-May be helpful info for us too. Other sheet – dovetails- adopt policies that emphasize GI for storm water mgmt. esp. w/growth in Eliot forward looking approach. Above and beyond DEP set bar higher

**FLIPCHART 4**

<b>Comment Resilience &amp; Community Engagement</b>		
<b>Votes</b>	<b>Action</b>	<b>Notes</b>
4	F.1 Conduct a community vulnerability assessment identifying climate risks and vulnerable populations. Adopt a climate resilience plan that describes high priority strategies.	Sea Level rise.  What has been done at State?
	F.3 Develop or enhance early warning systems and community evacuation plans.	
3	F.5 Complete the Maine Flood Resilience Checklist.	This includes lots of the other actions on this and

		other flipchart lists. If the Town did this, they'd be doing many of these other things.
1	F.7 Enroll in the NFIP's Community Rating System (CRS), reducing flood insurance costs.	
1	F.10 Require consideration of sea level rise projections and impacts in planning and permitting coastal development.	This is important
1	F.11 Adopt freeboard requirements in the special flood hazard area and higher freeboard critical infrastructure and long-lifespan assets.	Question of how much of Eliot is actually in a regulatory floodplain. Clarifying questions about what 'freeboard' is (facilitator provided definition of term)
2	F.12 * Adopt a low-impact design (LID) standard for stormwater management.	Eliot has to do this for its urbanized area as part of its MS4 stormwater permit. Interest in how stormwater and water quality impact public health.
2	F.13 * Identify and plan to reduce public health threats in the community that are exacerbated by climate change.	Water quality connection. Public health impacts are really important consideration of all climate change impacts.
4	F.14 Develop and implement an extreme temperatures emergency plan, including strategies that increase use of cooling centers by residents.	Public health concern. Comment that Eliot is not experiencing extreme temperatures.



2	F.15 Establish a peer-to-peer program for checking in on vulnerable community members during extreme heat or cold events.	Eliot connects already doing this, is there a way to expand the effort? This is important and something that some individuals are already doing on their own.
4	H.2 Create and implement a climate change education, outreach, and engagement program for residents and businesses.	Engagement re. how & why energy reduction. This is going to be really important for any climate change work Eliot does
<b>General Notes:</b>		

Completed Flipchart Photos

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FLIPCHART 1

## Embrace the Future of Transportation

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4 ● ● ● ●	A.2 Install EV chargers in public parking areas. ★	if possible not practical for town not mass transit
9 ● ● ● ● ● ● ● ● ● ●	A.5 Implement strategies that increase public transit ridership and alternative transportation modes, including bike and walking infrastructure. ★	if possible not practical for town not mass transit
1 ●	A.8 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). ★	don't have land, not relevant for new cottage cluster, appearing areas village → already built
9 ● ● ● ● ● ● ● ● ● ●	A.9 Adopt a Complete Streets policy which addresses safety, bike/pedestrian uses, and transit. ★	if possible not practical for town not mass transit

**General Notes:**

All Good!  
Good if you're starting from scratch  
hard for town already exists  
focus on what will have impact

Sidewalk building in S. Benwick  
 Rt 103 from St.  
 important for runners/walkers  
 keeps people out of town  
 don't feel safe from  
 E-bike share  
 don't walk on  
 main street

2

FLIPCHART 2

Modernize Buildings, Reduce Emissions, & Invest in Climate-Ready Infrastructure

Votes	Action	Notes
6 ●●●●●●	B.1 Adopt and execute a plan for energy efficiency and weatherization improvements for municipal and school buildings.	town offices have the eqm weatherization Disinfectant What are we doing over time Other emissions in weathering muni perm. needs to be updated. School efficiency important for equity Weatherization low hanging fruit Ambition community solar program like heat pumps, or chargers. Laundry equipment → 5 Permissible doing should occur
1 ●	H.7 Initiate a community bulk purchasing program with a vendor(s) to provide low-cost equipment (e.g., heat pumps, solar) for residents and businesses.	lots of commercial development could have big impact. Cost to residents, though
1 ●	B.7 Adopt the energy efficiency stretch building code.	Did inventory, town offices Long term planning to eliminate fossil fuels
	c.1 Conduct a baseline for energy usage by municipal government (electricity, heating and transportation fuels, & other sources)	Did inventory, town offices Long term planning to eliminate fossil fuels
	c.3 Adopt a resolution setting targets and a plan for reducing emissions and advancing clean energy from municipal operations that align with the state's targets.	Did inventory, town offices Long term planning to eliminate fossil fuels
4 ●●●●	G.1 Conduct a climate change vulnerability assessment for critical infrastructure.	Could do a state level action and sufficient. SLE impacts & high tide flooding cause way, bridges, infrastructure seems important.
1 ●	G.2 Develop a Capital Investment Plan that identifies vulnerable municipal facilities and assets and prioritizes resilience in improvements and/or new construction.	could do a state level action and sufficient. SLE impacts & high tide flooding cause way, bridges, infrastructure seems important.
4 ●●●●	G.3 Improve and protect drinking water and wastewater treatment facilities to reduce physical damage and sustain function during extreme weather events.	sewer extension along river. Drinking water treatment.
1 ●	G.4 Adopt a policy that prioritizes green infrastructure to manage stormwater.	Do have stormwater plans. may permit. Could more work be done on here
1 ●	G.5 Adopt DEP's Stream Smart Crossing Guidelines for culvert and bridge improvements. Identify vulnerable crossings and apply for DEP improvement funds.	Protecting waterways

General Notes:

Municipal vs community focused actions  
Municipal actions should set an example & have  
Long term vs immediate actions



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	F.3 Develop or enhance early warning systems and community evacuation plans.	
3 ● ● ● ●	F.5 Complete the Maine Flood Resilience Checklist.	
1 ●	F.7 Enroll in the NFIP's Community Rating System (CRS), reducing flood insurance costs.	
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2 ● ●	F.12 Adopt a low-impact design (LID) standard for stormwater management.	
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4 ● ● ● ●	F.14 Develop and implement an extreme temperatures emergency plan, including strategies that increase use of cooling centers by residents.	●
2 ●	F.15 Establish a peer-to-peer program for checking in on vulnerable community members during extreme heat or cold events.	● Eliot connects already doing that
4 ● ● ● ●	H.2 Create and implement a climate change education, outreach, and engagement program for residents and businesses.	Engagement re. how & why energy reduction

General Notes: