

6/16/22 5:30–7pm Community Resilience Partnership Enrollment Workshop

Hybrid Meeting – Zoom

Attending: Nancy Alexander, Shey Conover, Jennifer West, Lauren Bruce, Sue Stafford, Peter Willcox, Donna Leone, Fred Porter (all SLRC members); Dave Petzel (Lighthouse), Phil Seymour (Select Board), Gabe McPhail (Service Provider / Facilitator)

Meeting Purpose

To review, discuss, and prioritize climate recommendations based on priorities identified through the Flood Resilience Checklist Workshop process.

Opening and Introductions

Overview of [Community Resilience Partnership \(CRP\)](#)

- Reviewed steps to enrollment
- What happens post enrollment?
 - How to stay enrolled – create a plan for sustainability post Service Provider support
 - Assistance with Community Action Grant is part of the Service Provider Grant

Status of Enrollment Process

- Self-Evaluation – in progress
- Municipal Resolution – in progress
- Public Event – part of Town Information Meeting?

Review Flood Resilience Checklist Priorities and [72 Priority Actions List](#)

- FRC and Maine Won't Wait Actions
- Reviewed Checklist Strategies H-D
- [See checklist for notes](#) (attached)
- Misc: Get more info on Climate-based Capital Investment Plan; get examples of Policies that prioritize Green Infrastructure to manage stormwater

Next Steps

- Meet in July to finish checklist and discuss priorities

Adjourn

- 7:30pm

Date
4/15/22

Community Resilience Partnership Actions Checklist

List of Community Actions
Revised December 1, 2021

Done	Priority To-do	Strategy Areas & Actions	Additional Resources (\$=funding source)	Notes
Strategy Area A: Embrace the Future of Transportation				
Accelerate the Transition to Electric Vehicles (EVs)				
<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)
<input type="checkbox"/>	<input type="checkbox"/>	A2	Install EV chargers in public parking areas.	Efficiency Maine: EV supply equipment initiative (\$)
<input type="checkbox"/>	<input type="checkbox"/>	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)
<input type="checkbox"/>	<input type="checkbox"/>	A4	Adopt an anti-idling ordinance.	Example: Bar Harbor Municipal Code
Improve Mobility and Reduce Vehicle Miles Traveled (VMT)				
<input type="checkbox"/>	<input type="checkbox"/>	A5	Implement strategies that increase public transit ridership and alternative transportation modes, including bike and walking infrastructure.	
<input type="checkbox"/>	<input type="checkbox"/>	A6	Implement strategies that encourage municipal/tribal employees to commute via carpools, public transit, bike/walk, or other alternatives to single-occupancy vehicles.	
<input type="checkbox"/>	<input type="checkbox"/>	A7	Adopt a telework policy for municipal/tribal government staff positions that can work remotely some days per week.	
<input type="checkbox"/>	<input type="checkbox"/>	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).	
<input type="checkbox"/>	<input type="checkbox"/>	A9	Adopt a Complete Streets policy which addresses safety, bike/pedestrian uses, and transit.	Maine DOT Complete Streets
<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)
Strategy Area B: Modernize Maine's Buildings				
Transition to Cleaner Heating and Cooling, and Efficient Appliances in Municipal/Tribal Buildings				

<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)	
<input type="checkbox"/>	<input type="checkbox"/>	B2	Upgrade to energy efficient interior lighting in municipal/tribal buildings.	Efficiency Maine: Public Sector (\$)	
<input type="checkbox"/>	<input type="checkbox"/>	B3	Upgrade to energy efficient appliances in municipal/tribal buildings.	Efficiency Maine: Public Sector (\$)	
<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)	
<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)	
<input type="checkbox"/>	<input type="checkbox"/>	B6	Adjust procurement policies to prioritize climate-friendly Maine forest products (e.g. mass timber, wood-fiber insulation) in construction projects.		

Advance the Design and Construction of New Buildings

<input type="checkbox"/>	<input type="checkbox"/>	B7	Adopt the energy efficiency stretch building code (currently IECC 2021).	International Energy Conservation Code 2021	
<input type="checkbox"/>	<input type="checkbox"/>	B8	Require EV charging readiness and solar energy readiness for all new construction.	Municipal Electric Vehicle Readiness Toolkit (Southern Maine Planning and Development Commission)	
<input type="checkbox"/>	<input type="checkbox"/>	B9	Support regular professional development for code enforcement officers, especially Efficiency Maine's code trainings.	Efficiency Maine trainings	
<input type="checkbox"/>	<input type="checkbox"/>	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)	

Strategy Area C: Reduce Emissions through Clean Energy Innovation

Reduce Greenhouse Gas (GHG) Emissions

<input type="checkbox"/>	<input type="checkbox"/>	C1	Conduct a baseline for energy usage by municipal/tribal government including electricity, heating and transportation fuels, and other energy sources.		
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<input type="checkbox"/>	<input type="checkbox"/>	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).		
<input type="checkbox"/>	<input type="checkbox"/>	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.		
Advance Clean Energy Adoption					
<input type="checkbox"/>	<input type="checkbox"/>	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	
<input type="checkbox"/>	<input type="checkbox"/>	C5	Adopt a streamlined permitting process for small-scale renewable energy installations.	US Department of Energy: SolarApp	
Transition to Clean Energy					
<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)	
<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)	
Strategy Area D: Grow Jobs and Protect Natural Resource Industries					
Support Maine's Natural Resource Economy					
<input type="checkbox"/>	<input type="checkbox"/>	D1	Adopt policies that enable, support, or incentivize local food production and consumption, including community gardens.		<i>Interest in learning more about Food Sovereignty and increasing food sustainability.</i>
<input type="checkbox"/>	<input type="checkbox"/>	D2	Adjust procurement policies to prioritize climate-friendly Maine forest products (e.g. mass timber, wood-fiber insulation) in construction projects.		
Support Clean Energy Jobs and Businesses					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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	
<input type="checkbox"/>	<input type="checkbox"/>	D4	Establish incentives for clean energy industry or businesses to locate in community.		
<input type="checkbox"/>	<input type="checkbox"/>	D5	Encourage and support clean energy industries in economic development plans.		
Strategy Area E: Protect the Environment & Promote Natural Climate Solutions					
Protect Natural and Working Lands and Waters					

<input type="checkbox"/>	<input type="checkbox"/>	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 (\$)	N/A
<input type="checkbox"/>	<input type="checkbox"/>	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	N/A
<input type="checkbox"/>	<input type="checkbox"/>	E3	Create or update a watershed plan to identify flooding and water quality priorities and adaptation options.		<i>Learn more.</i>
<input type="checkbox"/>	<input type="checkbox"/>	E4	Develop a natural resource and habitat inventory that includes climate stressors and impacts.	ME Natural Areas Program: Maps, Data, and Technical Assistance	<i>What information can we glean from the Narrows Study?</i>
<input type="checkbox"/>	<input type="checkbox"/>	E5	Conserve, revegetate and reconnect floodplains and buffers in riparian areas.		
<input type="checkbox"/>	<input type="checkbox"/>	E6	Preserve climate-threatened natural areas such as wetlands, riparian areas, and headwater streams through zoning or other regulations.		
<input type="checkbox"/>	<input type="checkbox"/>	E7	Implement a source water protection program.		<i>What more needs to be done? Review the work and goals of the Ground Water Protection Committee.</i>
<input type="checkbox"/>	<input type="checkbox"/>	E8	Adopt policies that prioritize natural, nature-based or ecologically enhanced shoreline protection for coastlines, rivers, and lakes.		
<input type="checkbox"/>	<input type="checkbox"/>	E9	Identify and protect sites for living shorelines and saltmarsh migration areas.	ME Natural Areas Program: Maps, Data, and Technical Assistance	
<input type="checkbox"/>	<input type="checkbox"/>	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	

Strategy Area F: Build Healthy & Resilient Communities

Plan for Community Resilience

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	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).		<i>Some work done w/ sea level rise and EMA focus. More to do: Climate Resilience Plan.</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.		

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	F3	Develop or enhance early warning systems and community evacuation plans.		<i>Buddy system through social media. EMA Emergency Operations plans.</i>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F4	Develop a storm debris management plan.		<i>Need to develop.</i>

Reduce Flood Risk

<input checked="" type="checkbox"/>	<input type="checkbox"/>	F5	Complete the Maine Flood Resilience Checklist.	Maine Flood Resilience Checklist	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	F6	Participate in the National Flood Insurance Program (NFIP).	FEMA's Community Rating System	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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	
<input type="checkbox"/>	<input type="checkbox"/>	F8	Achieve CRS Class 6 or better, maximizing flood insurance savings for community residents.	FEMA's Community Rating System	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	F9	Map sea level rise projections in the local or county EMA hazard mitigation plan.		
<input type="checkbox"/>	<input type="checkbox"/>	F10	Require consideration of sea level rise projections and impacts in planning and permitting coastal development.		<i>Role for Town Planner.</i>
<input type="checkbox"/>	<input type="checkbox"/>	F11	Adopt freeboard requirements in the special flood hazard area and higher freeboard critical infrastructure and long-lifespan assets.		<i>Role for Town Planner.</i>
<input type="checkbox"/>	<input type="checkbox"/>	F12	Adopt a low-impact design (LID) standard for stormwater management.	Low Impact Design Manual for Maine Communities (PDF)	<i>Role for Town Planner.</i>

Strengthen Public Health

<input type="checkbox"/>	<input type="checkbox"/>	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	
<input type="checkbox"/>	<input type="checkbox"/>	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	<i>We have warming centers but no cooling centers.</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	F15	Establish a peer-to-peer program for checking in on vulnerable community members during extreme heat or cold events.		
<input type="checkbox"/>	<input type="checkbox"/>	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)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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	<i>Ticks but not mosquitos.</i>

Strategy Area G: Invest in Climate-Ready Infrastructure

Assess climate vulnerability of infrastructure

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	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.		<i>Some work done w/ sea level rise and EMA focus. More to do: Sewer Climate Adaptation Plan; Assess water resource vulnerability to salt water intrusion; assessment of town-own infrastructure, etc.</i>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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.		
Utilize climate-ready standards, designs, and practices to improve infrastructure					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	G3	Improve and protect drinking water and wastewater treatment facilities to reduce physical damage and sustain function during extreme weather events.		<i>Underway at Dark Harbor Wastewater Treatment facility. More to be done.</i>
<input type="checkbox"/>	<input type="checkbox"/>	G4	Adopt a policy that prioritizes green infrastructure to manage stormwater in developed areas.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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 (\$)	<i>Refer to culvert replacement in FRC Report.</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	G6	Assess wastewater treatment facilities for clean energy potential (solar, anaerobic digester, etc.).		
Strategy Area H: Engage Maine People					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	H1	Establish or recognize an official committee of community stakeholders.		<i>Sea Level Rise and Energy Committees and chairs of both committees meet to discuss goals.</i>
Increase public awareness of climate change impacts and opportunities to take action					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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)	<i>2022 Island Fellow will be assisting with outreach. More can be done.</i>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	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)	<i>EMA, Health Center, and Committees doing a lot to share information with the community.</i>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	H4	Engage youth in resilience, clean energy, and energy use reduction.		<i>School is doing a lot already. 2022 Island Fellow will be assisting with outreach. More can be done.</i>

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	H5	Engage populations that are vulnerable to climate impacts in resilience, clean energy, and GHG emissions reduction.		<i>The school is doing some of this and the Town and Library share resources; more can be done.</i>
Engage the business community and recognize climate leadership					
<input type="checkbox"/>	<input type="checkbox"/>	H6	Create and support an energy reduction campaign or challenge among businesses.		<i>Businesses to take this on themselves?</i>
<input type="checkbox"/>	<input type="checkbox"/>	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	<i>Energy Committee hoping to work on this.</i>