



Ready & Resilient Barrington

Climate Action Plan • Barrington, Rhode Island

Prepared by Kim Lundgren Associates, Inc.





Implementation Blueprints

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To help facilitate the implementation of the *Ready & Resilient Barrington Plan*, Implementation Blueprints were developed for 10 priority actions. These Blueprints are intended to serve as step-by-step guides for how these actions can be implemented efficiently and successfully. Each Blueprint includes:

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The expected outcome of the action and which Town department will serve as the Champion (i.e., implementation lead);

.....

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Estimated timeframes, which may change over time depending on available resources during implementation;

.....

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Specific steps that will be undertaken to implement the action;

.....

.....

Examples of financial tools, technical resources, and equity considerations.

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Community Health and Resilience

ACTION CH 1.1.A

Conduct an outreach campaign targeting residents and businesses to improve understanding of flood risks, including flood insurance and prevention and mitigation measures.

EXPECTED OUTCOME

Barrington residents and business owners understand how flooding poses a risk to their homes and properties, have access to existing resources and take action to mitigate the risks.

OVERALL TIME FRAME

Medium (1-3 years)

CHAMPION

Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Invite collaboration with Barrington Public Schools on this action.	Month 1	Barrington Public Schools
2. Understand current levels of knowledge and misconceptions about flood risks within Barrington through conducting surveys, focus groups, etc.	Months 1–3	Conservation Commission Resilience and Energy Committee
3. Identify repetitive flooding areas and areas of highest flood risk.	Months 2–4	Conservation Commission Resilience and Energy Committee
4. Establish clear, measurable goals for the outreach campaign (such as purchases of flood insurance or implementation of flood prevention measures).	Months 2–4	Conservation Commission Resilience and Energy Committee
5. Identify target audiences and tailor the campaign to reach specific groups (low-income residents in flood zones, coastal businesses, renters, homeowners, etc.)	Months 4–5	Conservation Commission Resilience and Energy Committee Spencer Trust East Bay Community Agency Program 114 Corridor Project Barrington Public Library Bay Spring Community Center East Bay Community Development Corporation Senior Center Fire Department Department of Public Works School District
6. Identify actionable flood prevention measures, including nature-based solutions, financial tools, infrastructure upgrades, etc. that should be featured in the campaign messaging.	Months 4–7	Technical experts (scientists/hydrologists) RI Emergency Management Agency Providence Stormwater Innovation Center

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
7. Develop clear, compelling messaging for each target audience emphasizing actionable flood prevention measures, addressing common myths, and overall flood risk awareness.	Months 7–10	Conservation Commission Resilience and Energy Committee Roger Williams University Sustainability Students Narragansett Bay National Estuarine Research Reserve URI Coastal Resources Center
8. Identify the most effective communication and engagement channels to reach target audiences. Examples include: <ul style="list-style-type: none"> • Social media • Webinars • In-person workshops • Newsletters • Crowd-sourcing photos of floods • Poles with high-water markings and helpful information • Local news media • Posters in recreation locations, along bike path • School mailings to parents • Places of worship • Banner outside Town Hall or near White Church 	Months 7–10	Conservation Commission Resilience and Energy Committee
9. Collaborate with experts including local environmental groups, insurance agencies, state-level agencies, to offer resources such as grants or technical assistance.	Months 7–10	Conservation Commission Resilience and Energy Committee Barrington Community Land Trust Taunton River Stewardship Council Pokanoket Tribe Planning, Building, and Resilience Narragansett Bay Estuary Program Save The Bay Wildlands Trust Providence Stormwater Innovation Center RI Emergency Management Agency RI Department of Environmental Management Barrington Land Conservation Trust

Community Health and Resilience / ACTION CH 1.1.A

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
10. Roll out the campaign and track its effectiveness by monitoring engagement metrics and progress toward established goals. Evaluate campaign efficacy, lessons learned, and strategies for long term success.	Months 10–20	Conservation Commission Resilience and Energy Committee
11. Ensure continued awareness and action by offering sustained resources and updates.	Ongoing	Conservation Commission Resilience and Energy Committee

TOOLS & RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> Flood Mitigation Assistance Grant Program FEMA Community Rating System RI Hazard Mitigation Grant Program 	<ul style="list-style-type: none"> NOAA Coastal Resilience Grants EPA Environmental Education Grant
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> Federal Emergency Management Agency (FEMA) Flood Map Service Center (MSC) National Flood Insurance Program National Oceanic Atmospheric Administration Digital Coast 	<ul style="list-style-type: none"> RI Coastal Resources Management Council MyCoast

EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> Ensure that outreach materials are accessible to all audiences, including non-English speaking residents and people with varying levels of literacy. Ensure low-income residents are included in targeted outreach and receive focused messaging on affordable mitigation strategies, available subsidies, and assistance programs. 	<ul style="list-style-type: none"> Ensure concerns from vulnerable communities are heard and feedback from diverse stakeholders are integrated into Town flood management strategies.



Energy and Buildings

ACTION EB 2.1.A

Develop a renewable energy project screening and prioritization process to ensure potential projects at the landfill, parking lots, and other available public sites are vetted for maximizing town-wide benefits.

EXPECTED OUTCOME

Town staff utilize a specific and consistent process and rubric to determine feasibility and priority locations where renewable energy projects can be installed to maximize climate, resilience, and financial benefits.

OVERALL TIME FRAME

Short (<1 year)

CHAMPION

Planning, Buildings, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Invite collaboration with Barrington Public Schools on this action.	Month 1	Barrington Public Schools
2. Establish a collaborative team with technical abilities to lead the development of the screening and prioritization process including representatives from key departments.	Months 1–2	Energy Advocates LLC Barrington Land Conservation Trust Resilience and Energy Committee Department of Public Works Technical Consultants RI Energy RI Office of Energy Resources
3. Establish clear and transparent criteria for evaluating potential renewable energy projects. Consider criteria such as: <ul style="list-style-type: none"> • Technical feasibility • Project cost (ROI) • Funding • Lifecycle Maintenance • GHG reductions • Energy resilience • Physical site constraints • Project scalability • Equity • Grid interconnection • Potential co-benefits (e.g. pollinator garden beneath solar field) 	Months 3–4	Energy Advocates LLC Barrington Land Conservation Trust Resilience and Energy Committee Department of Public Works Technical Consultants RI Energy RI Office of Energy Resources

Energy and Buildings / ACTION EB 2.1.A

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
4. Develop weighted scoring matrix and map out the review and approval process, as well as documentation requirements for establishing when criteria are met, options for resolving barriers, and the reevaluation process.	Months 3–4	Energy Advocates LLC Barrington Land Conservation Trust Resilience and Energy Committee Department of Public Works Technical Consultants RI Energy RI Office of Energy Resources
5. Test the screening process on known project concepts and evaluate whether the process creates actionable next steps to move projects forward and revise as needed.	Months 4–6	Energy Advocates LLC Resilience and Energy Committee RI Energy RI Office of Energy Resources
6. Engage Town Departments and relevant committees to socialize the existence of the process to ensure all relevant decision makers are aware of the resource that could be applied to energy projects under their oversight. Solicit feedback and revise the process as needed.	Months 4–6	Town Council Town Manager All relevant committees
7. Create a list of potential sites that could host renewable energy projects by looking at town-owned properties such as landfill, parking lots, and other underutilized spaces.	Months 6–7	Energy Advocates LLC Resilience and Energy Committee Technical Consultants RI Office of Energy Resources RI Energy
8. Evaluate each potential site using the screening process and create a ranking of the renewable energy projects and follow up tasks for projects that did and did not meet criteria.	Months 6–9	Energy Advocates LLC Resilience and Energy Committee Technical Consultants RI Office of Energy Resources RI Energy
9. For highest scoring sites, conduct neighborhood outreach to gauge public support. High-scoring projects that enjoy public support will be slated for seeking funding/investment.	Months 9–11	Energy Advocates LLC Resilience and Energy Committee Technical Consultants RI Office of Energy Resources RI Energy
10. Track energy production, cost savings, and environmental impacts from the completed projects and use lessons learned to refine the criteria. Identify new potential sites.	Ongoing	Energy Advocates LLC Resilience and Energy Committee RI Energy RI Office of Energy Resources

TOOLS & RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> • IRS - Clean Energy Tax Incentives • Clean Energy 2 Communities (C2C) Program 	<ul style="list-style-type: none"> • Rhode Island Efficient Buildings Fund • Rhode Island 2024 Energy Storage Systems Act
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> • USDOE Portfolio Prioritization: Onsite Renewable Energy and Storage • USDOE Local Government Guide for Solar Deployment and Community Examples 	<ul style="list-style-type: none"> • SolSmart - Energy Ready
EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> • Ensure a broad cross-section of the community, including underrepresented groups, low-income residents, and communities of color, are included in the community engagement. Provide materials in multiple languages and formats to ensure accessibility for all individuals. • Town may use phased approach and take advantage of grants and incentives to ensure best use of taxpayer funds. 	<ul style="list-style-type: none"> • Prioritize renewable energy projects that bring benefits to all neighborhoods, particularly those that have historically faced environmental burdens or disinvestment. Avoid siting renewable energy infrastructure in ways that could disproportionately impact already burdened communities. • Ensure that renewable energy projects create jobs for local workers. Consider setting targets for minority- and women-owned businesses in contracts and develop training programs for residents in renewable energy fields.



Energy and Buildings

ACTION EB 2.1.B

Collaborate with the Green Energy Consumers Alliance to create resources for community members to identify vetted installers for solar panels, battery storage and other high-efficiency energy systems.

EXPECTED OUTCOME	Barrington community members have improved knowledge and access to vetted, trustworthy installers and are empowered to adopt clean energy solutions.
OVERALL TIME FRAME	Short (<1 year)
CHAMPION	Planning, Building and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Reach out to the Green Energy Consumers Alliance (GECA) to discuss potential collaboration and establish key contacts within the organization. Inquire about other appropriate collaborators for this Action.	Months 1–2	Green Energy Consumers Alliance Resilience and Energy Committee RI Office of Energy Resources Clean Heat RI LIHEAP Spencer Trust EnergySage
2. Assess needs of low-income community members by conducting a survey or hosting a focus group to gauge interest in solar panels, battery storage, and other high-efficiency energy systems, and identify barriers to acquisition.	Months 1–2	Green Energy Consumers Alliance Resilience and Energy Committee
3. Review incentive programs from the State of Rhode Island and best practice or other quality criteria used by Rhode Island Energy to ensure alignment with those programs.	Months 3–4	Green Energy Consumers Alliance Resilience and Energy Committee RI Office of Energy Resources RI Energy
4. Collaborate with GECA and other partners to develop Barrington-specific educational materials (websites, brochures, or community guides) that explain the benefits of solar, battery storage, and other systems. Create materials that may include a list of vetted installers, frequently asked questions, cost considerations, and available incentives or rebates.	Months 3–5	Green Energy Consumers Alliance Resilience and Energy Committee Barrington Public Library Economic Development Commission
5. Promote the new resources through Barrington's communication channels (e.g., town website, newsletters, social media) and partner with local organizations to reach broader audiences. Consider hosting informational webinars or workshops on renewable energy systems.	Ongoing	Green Energy Consumers Alliance Resilience and Energy Committee Barrington Public Library Bay Spring Community Center
6. Regularly review and update the list of resources in collaboration with GECA and other partners, ensuring the information remains accurate and up to date.	Ongoing	Green Energy Consumers Alliance Resilience and Energy Committee

Energy and Buildings / ACTION EB 2.1.B

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
7. Gather feedback from community members who utilize the resources and adjust the offerings based on their experiences.	Ongoing	Green Energy Consumers Alliance Resilience and Energy Committee

TOOLS & RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> • Database of State Incentives for Renewables & Efficiency • Residential Clean Energy Tax Credit • State and Federal Energy Incentives 	<ul style="list-style-type: none"> • Rhode Island Efficient Buildings Fund • CommerceRI's Renewable Energy Fund
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> • Green Energy Consumers Alliance • National Renewable Energy Resource Laboratory • GECA's Heat Pump Guide 	<ul style="list-style-type: none"> • National Renewable Energy Laboratory Solar Resources • EnergySage • RI Office of Energy Resources

EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> • Community resources are provided in a variety of formats (i.e. audio, visual) and languages. • Prioritize resources for low- and moderate-income households to help them gain access to financial incentives, rebates, or low-interest loans. 	<ul style="list-style-type: none"> • Include a diverse range of installers, prioritizing companies that support local hiring or minority-owned businesses.



Infrastructure, Transportation, and Land Use

ACTION ITLU 1.1.A

Adopt zero emission vehicle purchasing criteria for the Town's fleet.

EXPECTED OUTCOME	Town staff utilize specific and consistent criteria to determine when and how the Town purchases zero emission vehicles for its fleet.
OVERALL TIME FRAME	Medium (1-3 years)
CHAMPION	Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Invite collaboration with Barrington Public Schools on this Action.	Month 1	Barrington Public Schools
2. Establish SMART goals for transitioning the Town's fleet to zero emission vehicles (e.g., convert 50% of the Town's fleet to electric vehicles by a certain year).	Months 1–2	Resilience and Energy Committee Department of Public Works Finance Department
3. Review sustainable vehicle policies, criteria, and procurement procedures from other local government fleets. Identify common policy goals, progress metrics, allowable costs, enforcement mechanisms, and other elements.	Months 2	Resilience and Energy Committee Department of Public Works
4. Conduct an inventory of the Town's fleet vehicles, including vehicle types, age, fuel consumption, and maintenance costs.	Months 2–4	Barrington Public Safety Department of Public Works
5. Investigate the feasibility of acquiring and storing a municipal e-bike for Barrington Government Center staff to use on short trips to conduct local business.	Months 3–4	Resilience and Energy Committee Human Resources Department
6. Investigate various zero emission vehicle options that would be suitable for Barrington's fleet, including EVs, hybrids, charging infrastructure, maintenance requirements, etc.	Months 3–5	Resilience and Energy Committee Department of Public Works
7. Establish clear criteria for selecting and purchasing vehicles that align with the Town's sustainability and operational goals. Consider including criteria such as: <ul style="list-style-type: none"> • GHG reductions • Fuel efficiency • Cost (purchase price, fuel savings, maintenance costs) • Available incentives • Vehicle performance 	Months 3–5	Resilience and Energy Committee Finance Department Barrington Public Safety Department of Public Works

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
8. Test the criteria by implementing a small-scale pilot project where a few vehicles are identified for replacement based on the established criteria from step 6.	Months 5–10	Resilience and Energy Committee Finance Department Barrington Public Safety Department of Public Works
9. Develop and adopt a long-term plan to replace traditional fuel vehicles with zero emission vehicles over time using criteria from step 6.	Months 11–16	Resilience and Energy Committee Finance Department Barrington Public Safety Department of Public Works Town Council
10. Monitor and evaluate the effectiveness of the criteria by tracking key performance metrics such as fuel savings, GHG reductions, and vehicle reliability. Review the criteria annually to incorporate new technologies and lessons learned.	Ongoing	Resilience and Energy Committee

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> DRIVE^{EV} FLEET Low or No Emission Grant Program 	<ul style="list-style-type: none"> USDOE Federal Tax Credits Clean Heavy-Duty Vehicle Program
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> USDOT Electrical Vehicle Fleet Toolkit Drive Clean Seattle 	<ul style="list-style-type: none"> EV Smart Fleets: Public Sector Procurement Fleet EV Examples

EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> Prioritize the replacement of vehicles that are used most heavily and have the highest potential for reducing local air pollution and emissions. Consider providing training programs for employees who will be maintaining or operating the new electric vehicles, particularly focusing on those from disadvantaged or underserved communities to avoid displacing current fleet maintenance jobs. 	<ul style="list-style-type: none"> Ensure that transitioning to electric vehicles does not compromise service delivery, particularly for low-income or underserved areas.



Infrastructure, Transportation, and Land Use

ACTION ITLU 1.1.C

Identify priority locations and install additional charging stations for EVs in public parking areas.

EXPECTED OUTCOME

The Town of Barrington offers additional public charging infrastructure to encourage more residents and visitors to adopt electric vehicles.

OVERALL TIME FRAME

Short (<1 year)

CHAMPION

Planning, Building, and Resilience Department

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Invite collaboration with Barrington Public Schools on this Action.	Month 1	Barrington Public Schools
2. Conduct a baseline assessment of current Barrington EV infrastructure (public and private), including existing number and adoption rate of EVs. Seek utilization metrics on existing stations.	Months 1–2	RI Energy Resilience and Energy Committee ChargePoint RI Office of Energy Resources National Electric Vehicle Infrastructure (NEVI) Formula Program
3. Establish a goal of what is the needed number of charging points and what type (e.g. Level 2, Level 3) given that most residents are probably charging at their homes.	Months 1–2	Resilience and Energy Committee RI Office of Energy Resources
4. Research best practices nationally and from surrounding communities, including ways to increase charging stations on both public and private property, unique charging infrastructure scenarios, and EV purchasing incentives.	Months 2–3	Resilience and Energy Committee Energy Advocates LLC RI Infrastructure Bank PowerUpRI
5. Identify candidate locations for EV charging stations in Barrington by creating a map of all publicly owned parking areas, including municipal lots, parks, and near popular community centers.	Months 3	Resilience and Energy Committee Parks and Recreation Commission Library / Bay Spring Community Center East Bay Community Development Corporation Bicycle Pedestrian Advisory Committee Economic Development

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
<p>6. Establish criteria to prioritize locations for installing charging stations. Draft criteria that may include:</p> <ul style="list-style-type: none"> • Accessibility and visibility of the location • Proximity to major roads, highways, or destinations • Availability of electrical infrastructure and ease of grid connection • Potential for dual use, such as shared use by local businesses or public buildings • Opportunities to prioritize equity by including locations in lower-income or underserved areas • Proximity to multi-unit dwellings where residents may not have access to charging out of their homes 	Months 2–3	Resilience and Energy Committee RI Energy Energy Advocates LLC
<p>7. Gather input from key stakeholders to refine location priorities by holding meetings with local businesses, EV advocacy groups, residents, etc.</p>	Months 4	Resilience and Energy Committee Barrington Public Schools Parks and Recreation Commission Library / Bay Spring Community Center East Bay Community Development Corporation Bicycle Pedestrian Advisory Committee
<p>8. Identify and apply for funding to support the installation of charging stations.</p>	Months 3–4	Resilience and Energy Committee Energy Advocates LLC RI Office of Energy Resources
<p>9. Using the established criteria and feedback from key stakeholders, finalize location selection and work with local contractors and utility providers to install EV charging stations.</p>	Months 4–9	Installation Contractors RI Energy Resilience and Energy Committee
<p>10. Launch a public awareness campaign to promote the availability of the new charging stations through Town communication channels, social media, and local media. Host a launch event to raise awareness and celebrate the town's commitment to EV infrastructure.</p>	Months 9–11	Barrington Times Green Energy Consumers Alliance
<p>11. Track the performance and usage of installed charging stations to plan for future expansion.</p>	Ongoing	RI Office of Energy Resources EVSE service provider

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> • Community Charging and Alternative Fueling Grants (Community Program) • Rhode Island Office of Energy Resources Electrify RI Program 	<ul style="list-style-type: none"> • Rhode Island Office of Energy Resources PowerUpRI • National Electric Vehicle Infrastructure Formula Program
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> • US Department of Energy, Electric Vehicle Charging Station Locations • RIDOT Charging Ahead: Rhode Island Working Together for Electrification 	<ul style="list-style-type: none"> • Rhode Island National Electric Vehicle Infrastructure Program • Public Electric Vehicle Charging infrastructure Playbook
EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> • Ensure charging locations consider renter populations and parking lots with high numbers of commuters. • Ensure chargers are located near public resources including parks, libraries, etc. • Seek input from a broad range of community members, particularly those from underserved groups, to identify priority locations for charging stations. Ensure that materials promoting the new charging stations are available in multiple languages and that information is accessible to residents with disabilities. 	<ul style="list-style-type: none"> • Ensure that all charging stations are designed to be fully accessible for individuals with disabilities, including providing designated ADA-compliant charging spaces and ensuring that stations are easy to use for all individuals. • Ensure that the installation and maintenance of charging stations create job opportunities, especially for residents from disadvantaged communities. Partner with local contractors, including minority- and women-owned businesses, for installation projects.



Infrastructure, Transportation, and Land Use

ACTION ITLU 3.1.B

Establish a Coastal Resilience Overlay District to promote resilience in neighborhoods prone to coastal flooding or projected to be in the future.

EXPECTED OUTCOME	Residents in Barrington's coastal neighborhoods will have access to additional resources and guidance to protect their properties against flood risks and implement resilience upgrades.
OVERALL TIME FRAME	Long (3+ Years)
CHAMPION	Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Conduct research on existing coastal resilience overlay districts in similar communities, such as South Kingstown, to understand their approach and lessons learned.	Month 1–3	RI Coastal Resources Management Council RI Department of Environmental Management Resilience and Energy Committee
2. Conduct robust and ongoing community engagement and education, including public workshops to educate homeowners about coastal resilience, and facilitate ongoing conversations with the community to gather input and address concerns.	Ongoing	RI Coastal Resources Management Council RI Department of Environmental Management Resilience and Energy Committee RI Emergency Management Agency University of Rhode Island RI-CHAMP URI Coastal Institute Coastal Resources Center Narragansett Bay Estuarine Research Reserve
3. Identify neighborhoods most prone to flooding or projected to be at risk using existing and updated flood risk modeling. Assess the potential impact on property values, insurance rates, and other financial factors that could affect homeowners.	Months 1–5	RI Coastal Resources Management Council RI Department of Environmental Management Resilience and Energy Committee Department of Public Works
4. Secure a Marine Law Fellow from Roger Williams University to research existing Coastal Resilience Overlay District best legal practice and legal concerns, and assess their applicability to Barrington.	Months 1–5	RI Sea Grant Law Fellow Program

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
5. Collaborate with homeowners to co-create solutions that will be embedded into the overlay district. This could include flood resilience standards, incentives, development restrictions, erosion and sedimentation control, public access protection, stormwater management, etc.	Months 5–13	RI Coastal Resources Management Council RI Department of Environmental Management RI Emergency Management Agency
6. Draft an overlay district proposal based on research and community feedback. Provide an opportunity for residents to review the draft and offer input during a public comment period.	Months 12–19	RI Coastal Resources Management Council RI Department of Environmental Management Department of Public Works
7. Have the Town Solicitor review the proposed framework to ensure it is legally sound and implement any revisions based on review.	Months 16–19	Building and Zoning Official Town Solicitor
8. Consider establishing a pilot overlay in a single neighborhood to test the framework, gather data, and refine it before expanding town-wide.	Months 19–36	RI Coastal Resources Management Council RI Emergency Management Agency RI Department of Environmental Management Resilience and Energy Committee
9. Present the final version of the overlay district for approval by the Town Council, ensuring it has strong public backing.	Months 36–41	Town Council Coastal Resilience Overlay District residents
10. Roll out the overlay district in phases, beginning with areas identified as high-risk, allowing more time for engagement and feedback. Ensure ongoing support programs remain available to assist homeowners with resilience upgrades, emphasizing that the Town is committed to helping residents adapt.	Months 41–52	RI Coastal Resources Management Council RI Department of Environmental Management Resilience and Energy Committee Department of Public Works RI Emergency Management Agency
11. Commit to an annual review of the overlay district's effectiveness, making adjustments as necessary based on community feedback, evolving flood risks, and new resilience technologies.	Ongoing	RI Coastal Resources Management Council RI Department of Environmental Management Resilience and Energy Committee Department of Public Works RI Emergency Management Agency

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> • FEMA Hazard Mitigation Assistance Programs • RI Infrastructure Bank 	<ul style="list-style-type: none"> • National Fish and Wildlife Foundation National Coastal Resilience Fund
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> • Coastal Resilience Overlays in Community Planning: Building Resilience in Bristol County, Rhode Island • FEMA Floodplain Management Resource Center 	<ul style="list-style-type: none"> • RI Coastal Resources Management Council • South Kingstown Overlay District
EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> • Ensure that residents living in the overlay district, particularly low- and moderate-income homeowners, have access to financial assistance or incentive programs to make resilience upgrades. This could include grants, low-interest loans, or subsidies to prevent the overlay district from disproportionately impacting those with fewer resources. • Prioritize outreach to traditionally underrepresented groups within the coastal neighborhoods to ensure their concerns, perspectives, and needs are addressed in the planning process. Ensure that meetings, materials, and communications are accessible to everyone, including non-English speakers and those with limited mobility or access to technology. 	<ul style="list-style-type: none"> • Take steps to mitigate any unintended consequences that could lead to displacement or reduced property values, particularly for vulnerable homeowners.



Natural Resources

ACTION NR 1.1.A

Work with the Barrington Land Conservation Trust (BLCT) and other stakeholders to identify parcels of land with high ecological, recreational, or flood mitigation value and secure funding for their acquisition and preservation.

EXPECTED OUTCOME

Barrington strategically acquires land that will help to protect local ecosystems, provide archaeological value, minimize flood risk to surrounding properties, and provide additional recreational opportunities to all residents.

OVERALL TIME FRAME

Medium (1-3 years)

CHAMPION

Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Establish conservation priorities by setting specific targets (i.e. land acquisition size, location, land type, etc.) ensuring alignment with the Town's conservation goals.	Months 1–4	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Narragansett Bay Estuary Program Save The Bay Wildlands Trust RI Department of Environmental Management
2. Create a weighted scoring matrix for determining the ecological, recreational, and flood mitigation value of land parcels. Consider factors such as: <ul style="list-style-type: none"> • Proximity to population centers • Potential for parks or trails • Areas prone to flooding • Land connectivity • Biodiversity • Salt marsh migration • Equity • Climate refugia qualities • Historic/cultural/archaeological criteria 	Months 2–4	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Narragansett Bay Estuary Program Save The Bay Wildlands Trust
3. Identify all available or potentially available parcels of land that have a high score using GIS, working with local landowners, and soliciting recommendations from BLCT members and the general public.	Months 3–4	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Narragansett Bay Estuary Program Save The Bay Wildlands Trust

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
4. Cross-reference with BLCT’s “wish list” of land parcels and funding criteria.	Months 4–7	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Narragansett Bay Estuary Program Save The Bay Wildlands Trust
5. Host discussions with landowners and gather community support for land acquisition (or establishment of a conservation easement) and preservation through educational workshops and forums.	Months 3–10	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Narragansett Bay Estuary Program Save The Bay Wildlands Trust
6. Identify and secure funding for the acquisition and long-term preservation of high-value parcels, including engineering, surveying, and permitting expenses. Investigate the possibility of an open space tax in Barrington that allocates a small percentage of property taxes to fund the acquisition and protection of open space.	Months 7–15	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Narragansett Bay Estuary Program Save The Bay Wildlands Trust RI Department of Environmental Management
7. Work with receptive owners to establish conservation agreements and finalize partnership agreements with the BLCT to ensure long-term management and stewardship of acquired lands.	Ongoing	BLCT Conservation Commission RI Department of Environmental Management
8. Raise awareness of successful land acquisitions and highlight their benefits to the community.	Ongoing	BLCT Conservation Commission Taunton River Stewardship Council Pokanoket Tribe Planning, Building, and Resilience Narragansett Bay Estuary Program Resilience & Energy Committee Save The Bay Wildlands Trust

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> • Rhode Island Department of Environmental Management Open Space Grants • Land and Water Conservation Fund • National Coastal Wetlands Conservation Grants 	<ul style="list-style-type: none"> • Rhode Island Natural Heritage Preservation Commission (NHPC) Grants • Rhode Island Foundation's Environmental Grants
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> • Rhode Island Geographic Information System • National Oceanic and Atmospheric Administration (NOAA) Coastal Zone Management Program • Trust for Public Land's (TPL) Conservation GIS Services 	<ul style="list-style-type: none"> • Rhode Island Department of Environmental Management • U.S. Fish & Wildlife Service Coastal Program
EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> • Ensure that the parcels of land identified for preservation provide equitable access to all community members, particularly underserved communities. Equity in access means creating recreational opportunities that benefit the entire population. • Actively engage diverse voices from across Barrington in the decision-making process by holding meetings at various times and providing translation services to make the process inclusive. 	<ul style="list-style-type: none"> • Be mindful that the acquisition and preservation of open spaces in certain areas could potentially increase property values, leading to unintended consequences such as higher housing costs and displacement.



Natural Resources

ACTION NR 3.1.B

Create a set of criteria for identifying priority green infrastructure projects and nature-based solutions to reduce flood risk on Town-owned property.

EXPECTED OUTCOME	Town staff utilize specific and consistent criteria to identify projects that can reduce flood risk on municipal land and adjacent property, including maintaining proper and consistent drainage.
OVERALL TIME FRAME	Short (<1 year)
CHAMPION	Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Invite Collaboration with Barrington Public Schools on this Action.	Month 1	Barrington Public Schools
2. Review existing plans including the Town's Comprehensive Plan, Hazard Mitigation and Flood Management Plan, and any ongoing projects related to green infrastructure to understand current projects, gaps, and opportunities.	Months 1–2	Resilience and Energy Committee Conservation Commission Department of Public Works Save the Bay RI Coastal Resources Management Council Providence Stormwater Innovation Center
3. Identify areas on Town-owned property and adjacent property that are most vulnerable to flooding utilizing existing plans, local reports, Department of Public Works logs, Fire Department pump-out reports, flood maps, and GIS tools.	Months 1–3	Resilience and Energy Committee Conservation Commission Department of Public Works Fire Department Save the Bay RI Department of Environmental Management RI Department of Transportation RI Coastal Resources Management Council
4. Explore the types of green infrastructure and nature-based solutions (e.g., rain gardens, permeable pavements, bioswales, trees, wetland restoration) that can reduce flood risk including drainage infrastructure and maintenance plans.	Months 2–4	Resilience and Energy Committee Conservation Commission Department of Public Works Save the Bay RI Department of Environmental Management RI Department of Transportation RI Coastal Resources Management Council Providence Stormwater Innovation Center

Natural Resources / ACTION NR 3.1.B

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
5. Based on the findings in steps 2-3, create a weighted scoring matrix to identify and prioritize projects that will have the greatest impact. Draft criteria considering factors such as: flood risk reduction potential, environmental benefit, cost-effectiveness and funding availability, alignment with existing town plans, community input and support, equity, etc.	Months 3–7	Resilience and Energy Committee Conservation Commission Department of Public Works Barrington Land Conservation Trust Save the Bay RI Department of Environmental Management RI Department of Transportation RI Coastal Resources Management Council
6. Gather input on the proposed criteria from nearby residents and stakeholders through public workshops or online survey tools.	Months 3–7	Resilience and Energy Committee Conservation Commission Department of Public Works Save the Bay
7. Use the established criteria to evaluate and rank potential green infrastructure projects.	Months 7–11	Resilience and Energy Committee Conservation Commission Department of Public Works Save the Bay RI Department of Environmental Management RI Department of Transportation RI Coastal Resources Management Council
8. Develop a system for tracking the performance of implemented projects and adjust the criteria based on lessons learned.	Ongoing	Resilience and Energy Committee Conservation Commission Department of Public Works Save the Bay

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> FEMA Building Resilient Infrastructure and Communities NOAA Coastal Resilience Grants U.S. Department of Agriculture National Resources Conservation Service Programs 	<ul style="list-style-type: none"> Rhode Island Department of Environmental Management Grants Rhode Island Infrastructure Bank Municipal Resilience Program
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> Barrington Strategic Tree Canopy Plan Barrington Hazard Mitigation & Flood Management Plan Barrington Comprehensive Plan [to be completed 2025] 	<ul style="list-style-type: none"> EPA Green Infrastructure RI Coastal Resources Management Council National Oceanic Atmospheric Administration Digital Coast

EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> Ensure that education and outreach are inclusive and engage a diverse range of community members in the process of developing criteria. Consider providing multiple formats for public comment, different times of day, and translation services as needed. 	<ul style="list-style-type: none"> Ensure that green infrastructure projects and flood mitigation efforts benefit all areas of Barrington, including low-income and historically underserved neighborhoods.



Operations and Waste

ACTION OW 2.1.A

Create a green business program that recognizes and incentivizes businesses and organizations to reduce waste.

EXPECTED OUTCOME

Business owners in Barrington are incentivized and publicly encouraged to adopt sustainable waste practices, helping to normalize those practices and ultimately reduce the amount of waste and single-use items sent to the landfill.

OVERALL TIME FRAME

Medium (1-3 years)

CHAMPION

Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Research existing green business certifications, programs, and models that incorporate waste reduction practices and could be implemented or modified for Barrington's business community.	Month 1–2	Barrington Business and Community Association Conservation Commission Resilience and Energy Committee Economic Development Commission Resilience and Energy Committee
2. Create an inventory of and assess which local businesses have existing waste reduction programs or practices. Seek participating local business feedback on ROI and other reported benefits to their businesses.	Months 2–3	Barrington Business and Community Association Economic Development Commission Resilience and Energy Committee
3. Host and facilitate a series of roundtable discussions with local businesses and community partners to understand barriers, challenges, and opportunities for waste reduction. For businesses that cannot attend but express interest, visit them on-site for discussions.	Months 4–7	Barrington Business and Community Association Conservation Commission Resilience and Energy Committee Economic Development Commission Paolino Shopping Center Tenant Businesses Local Business Owners
4. Determine if Barrington will utilize an existing green business certification program or develop its own rating system or criteria. Establish a program plan, timeline, and mechanisms for recognizing and rewarding businesses who participate.	Month 7	Barrington Business and Community Association Conservation Commission Resilience and Energy Committee Economic Development Commission
5. Identify vendors and suppliers who can provide sustainable and reusable materials to participants. Assess supply chain impacts related to transportation, packaging, and production.	Months 8–11	
6. Develop an educational and marketing campaign to inform and encourage local businesses to participate.	Months 11–13	

Operations and Waste / ACTION OW 2.1.A

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
7. Launch Barrington's green business program. Consider conducting a pilot program with a handful of interested businesses to co-create and test out the certification program, generate success stories, and encourage others to participate.	Month 14	Barrington Business and Community Association Conservation Commission Resilience and Energy Committee Economic Development Commission Paolino Shopping Center Tenant Businesses Local Business Owners
8. Facilitate relationships between local businesses of similar industries or interests in waste reduction. Green businesses recognized through Barrington's program could act as mentors.	Ongoing	Economic Development Barrington Business and Community Association Conservation Commission Resilience and Energy Committee Paolino Shopping Center Tenant Businesses Local Businesses Owners

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> Consumer Recycling Education and Outreach Grant Program The Recycling Partnership 	<ul style="list-style-type: none"> Small Business Resources
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> Managing and Reducing Wastes: A Guide for Commercial Buildings City of Delray Beach, FL Green Business Certification Green Business Benchmark 	<ul style="list-style-type: none"> B Corp Certification Commercial Recycling in Rhode Island EPA's Sustainable Materials Management Program

EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> Ensure that the program is accessible to small and/or minority-owned businesses by offering tailored support, such as technical assistance, grants, or lower-cost options for participating in waste reduction initiatives. Provide program materials and resources in multiple languages and ensure they are culturally relevant, so businesses owned by non-English speakers or those from diverse backgrounds can fully participate. 	<ul style="list-style-type: none"> Develop and/or highlight case studies that demonstrate a Triple Bottom Line approach to business operations that consider social, environmental, and economic costs and benefits in decision-making. Ensure that businesses from all neighborhoods, including those in lower-income or less-visible areas, are recognized and incentivized equally.



Operations and Waste

ACTION OW 2.1.B

Create and launch a public education campaign to increase the number of residents who participate in pick-up, at-home, or drop-off composting options.

EXPECTED OUTCOME	More Barrington residents compost their food waste at home or through local pick-up and drop-off programs, reducing the amount of waste sent to landfill and GHG emissions.
OVERALL TIME FRAME	Short (<1 year)
CHAMPION	Planning, Building, and Resilience

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
1. Invite collaboration with Barrington Public Schools on this action.	Month 1	Barrington Public Schools
2. Identify gaps in knowledge around composting options in Barrington for community members by conducting quick polls or short focus groups to establish a baseline.	Months 1–2	Roger Williams University Sustainability Students Barrington High School Environmental Club Conservation Commission Resilience and Energy Committee Barrington Farm School Eastern RI Conservation District
3. Gather and assess already-available composting communication and education resources from Bootstrap Compost, Black Earth Compost, Barrington Farm School, and other sources.	Month 3–4	Roger Williams University Sustainability Students Barrington High School Environmental Club Conservation Commission Resilience and Energy Committee Barrington Farm School Eastern RI Conservation District Compost Collection Services
4. Identify target audiences and segment the audiences by demographics (e.g., homeowners, apartment dwellers, schools, local businesses). Tailor messaging for each group based on their existing knowledge and barriers to composting.	Months 4–6	Roger Williams University Sustainability Students Barrington High School Environmental Establishment (BEE) Conservation Commission Resilience and Energy Committee Barrington Farm School Eastern RI Conservation District
5. Select the most effective channels and tactics to reach target audiences (social media, events, newsletters, CBO outreach, etc.).	Month 6	
6. Develop informative narratives and content across various platforms to reach target audiences utilizing existing resources and addressing knowledge gaps.	Months 6–7	

IMPLEMENTATION STEPS	IMPLEMENTATION TIMELINE	POSSIBLE COLLABORATORS
7. Identify community partners to amplify the campaign.	Month 8	Roger Williams University Sustainability Students Atria Bay Spring Village Senior Living Barrington High School Environmental Establishment (BEE) Barrington Business and Community Association Barrington Land Conservation Trust Peck Center for Adult Enrichment Barrington Farm School Eastern RI Conservation District Conservation Commission Warren Health Equity Zone
8. Measure the effectiveness of the campaign and adjust strategies based on feedback and results.	Month 9–10	Conservation Commission Resilience and Energy Committee Barrington Farm School Eastern RI Conservation District

TOOLS AND RESOURCES	
FINANCIAL TOOLS	
<ul style="list-style-type: none"> • Composting and Food Waste Reduction Agreements • Rhode Island Resource Recovery Corporation 	<ul style="list-style-type: none"> • Composting and Food Waste Reduction Cooperative Agreements
TECHNICAL RESOURCES	
<ul style="list-style-type: none"> • Composting Policy Resource Hub • U.S. Composting Council • EPA's Composting at Home Guide 	<ul style="list-style-type: none"> • Vermont Food Scrap Ban Guidance • Black Earth Compost • Bootstrap Compost

EQUITY CONSIDERATIONS	
<ul style="list-style-type: none"> • Involve community leaders, local organizations, property managers, senior living facilities, and housing authorities to help reach underrepresented groups and foster trust within the community. • Tailor the campaign messaging to resonate with diverse community groups, ensuring it reflects cultural values and addresses the specific needs of different populations, including low-income households and communities of color. 	<ul style="list-style-type: none"> • Offer resources and options specifically for renters who may have limited space for at-home composting.





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