

# Implementation Table

The Freeport Climate Action Plan establishes the following goals, strategies, and actions.

**Quick win:** Short-term actions that have the potential to maintain implementation momentum

**High impact:** Actions that have the potential to get us the furthest toward the town's goals

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**Roles:** Primary lead entity (P) and support entity (S)

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		Benefits	Timeframe	Roles	Cost	Implementation Considerations
<b>Goal 1: Freeport is an EV-ready and friendly community</b>						
<b>Strategy 1.1: Accelerate EV adoption among Freeport residents, businesses, schools, and municipal departments</b>						
1.1.1	Amend the Town's Zoning Ordinance to integrate EV charging and readiness requirements for new development and redevelopment.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span>	Short	FSAB (P) Planning (S)	-	<ul style="list-style-type: none"> <li>Consider standards for different lot type/use</li> <li>Consider prioritizing higher % of readiness VS installed</li> <li>Bike parking/trees complementary policy</li> </ul>
1.1.2	Establish a comprehensive EV outreach and education campaign for residents and facilitate the expansion of public charging network with businesses.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Short	FSAB (P)	\$	<ul style="list-style-type: none"> <li>Facilitate and support the expansion of regional EV charging network with businesses</li> <li>Pursue funding to install public EV charging stations at municipal facilities</li> <li>Continue rebates through Electrify Everything</li> <li>Signage/map for public chargers</li> </ul>
1.1.3	Adopt a municipal vehicle procurement plan that phases out purchases of fossil-fuel based vehicles, starting with passenger vehicles and moving to medium- and heavy-duty vehicles as feasible across departments and strategically install chargers to accommodate an all-electric fleet.	<span style="color: darkblue;">●</span>	Medium	Town Manager (P)	\$\$	<ul style="list-style-type: none"> <li>Monitor funding for medium and heavy duty electric vehicle pilot programs</li> <li>Align with State/Federal EV goals</li> <li>First responder training for EV accidents</li> </ul>
<b>Goal 2: It is easy and safe for residents, workers, and visitors to get around without a car</b>						
<b>Strategy 2.1: Expand infrastructure to support accessible and safe walking, biking and public transportation use</b>						
2.1.1	Expand and prioritize Complete Streets and non-motorized local and regional trails connecting residential, commercial, and school locations and dedicate funding to leverage State and Federal funding.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span>	Medium	Complete Streets (P) Planning (S)	\$\$\$	<ul style="list-style-type: none"> <li>Prioritize existing project ideas</li> <li>Make one pilot program downtown to demonstrate safe streets</li> <li>Safe Routes to School</li> </ul>
2.1.2	Explore opportunities to enhance public transit infrastructure, such as shelters, to increase transit use and create connections between existing transit stops and employment or economic centers.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Medium	Planning (P)	\$\$	<ul style="list-style-type: none"> <li>Last mile options to connect transit stops and neighborhoods/destinations</li> <li>Incorporate diverse mobility needs</li> </ul>
2.1.3	Collaborate with the business community to encourage active transportation and transit use for employees and customers, beginning by developing a Transportation Demand Management Program.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span>	Short	FSAB (P) FEDC (S)	-	<ul style="list-style-type: none"> <li>Use <u>Portland example</u></li> <li>Support businesses to facilitate public active transportation, such as bike rentals and trail connections to create a niche outdoor economic development opportunity</li> </ul>
<b>Strategy 2.2: Amend land use policies to reduce reliance on cars and support vibrant and resilient neighborhoods</b>						
2.2.1	Update zoning and develop dedicated funding to enable high-density development and mixed use areas in line with Smart Growth principles and transit-oriented development (TOD).	<span style="color: green;">●</span> <span style="color: darkblue;">●</span> <span style="color: green;">●</span> <span style="color: yellow;">●</span>	Short	Planning (P)	-	<ul style="list-style-type: none"> <li>Adjust lot size minimums and support smaller homes and workforce housing. Require sidewalks/mult-use paths in new development</li> <li>Focus on sustainable development that is affordable</li> <li>Pair with mechanism that preserves distributed open space</li> </ul>
2.2.2	Amend the Town's Zoning Ordinance to revisit minimum parking requirements, establish maximum parking standards, and integrate bicycle parking and trees in parking requirements.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Medium	FSAB (P)	-	<ul style="list-style-type: none"> <li>As complementary policy with EV readiness requirement</li> </ul>
2.2.3	Amend and expand the current anti-idling ordinance paired with collaborative campaign for enforcing 'no idling zones' in high-idling locations.	<span style="color: lightblue;">●</span>	Short	FSAB (P)	-	

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<b>Goal 3: Buildings in Freeport are designed, built, and maintained to be energy efficient and minimize greenhouse gas emissions</b>					
<b>Strategy 3.1: Pursue deep energy efficiency through retrofits and electrification in existing buildings</b>					
3.1.1	<span style="color: green;">●</span> <span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Short	FSAB (P)	\$	<ul style="list-style-type: none"> <li>Include education on financing</li> <li>Explore financial incentives to encourage community energy memberships for lower income households</li> <li>Consider battery bulk purchasing program</li> <li>Focus on multifamilies and supporting renters, those with less access to resources and information</li> </ul>
3.1.2	<span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Short	FSAB (P) FEDC (S)	-	<ul style="list-style-type: none"> <li>Model ordinance available from EMT</li> </ul>
3.1.3	<span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Medium	FSAB (P) Planning, FEDC (S)	-	<ul style="list-style-type: none"> <li>Collaborate with large energy-using commercial facilities and multi-family residences to determine feasible energy retrofiting solutions</li> <li>Review guidelines for Design Review and Freeport Village districts to identify potential conflicts with energy-efficiency</li> <li>Emphasize incentives, guidance, and resources available</li> </ul>
3.1.4	<span style="color: darkblue;">●</span>	Medium	Public Works (P)	-	<ul style="list-style-type: none"> <li>Efficiency Maine funding available</li> <li>Use the priorities identified in the existing energy assessment</li> </ul>
<b>Strategy 3.2: Require new development and significant renovations to minimize greenhouse gas emissions.</b>					
3.2.1	<span style="color: green;">●</span> <span style="color: green;">●</span> <span style="color: darkblue;">●</span> <span style="color: yellow;">●</span>	Medium	Planning (P)	-	<ul style="list-style-type: none"> <li>Emphasize incentives, guidance, and resources</li> <li>Amend into building code</li> <li>Update TIF development priority to include investing in high performing buildings/renewable energy</li> <li>Provide information and incentives to local contractors to encourage resilient building practices</li> </ul>
<b>Goal 4: Freeport is powered by local, resilient, renewable energy</b>					
<b>Strategy 4.1: Maximize renewable energy generated locally and explore opportunities to enhance grid resilience</b>					
4.1.1	<span style="color: yellow;">●</span> <span style="color: darkblue;">●</span>	Short	Planning (P)	-	<ul style="list-style-type: none"> <li>Utilize SolSmart resources and technical assistance to amend zoning to reduce barriers to solar</li> </ul>
4.1.2	<span style="color: darkblue;">●</span>	Medium	FSAB (P)	-	<ul style="list-style-type: none"> <li>Partner with Revision to update on best practices</li> <li>Understand forecasted demand of electrifying fleet and facilities</li> <li>Site and construct new Town buildings to enable and include solar arrays</li> </ul>
4.1.3	<span style="color: yellow;">●</span> <span style="color: darkblue;">●</span>	Medium	Planning (P) Codes (S)	-	<ul style="list-style-type: none"> <li>Create resources to support this, such as a qualified list of vendors</li> <li>Emphasize incentives, guidance, and resources available</li> <li>Determine building threshold for requirement</li> </ul>
4.1.4	<span style="color: darkblue;">●</span> <span style="color: green;">●</span>	Short	FSAB (P)	\$	<ul style="list-style-type: none"> <li>Work with expert consultant to identify solar generation opportunities and 3-phase connections</li> </ul>
4.1.5	<span style="color: yellow;">●</span>	Short	Town Manager (P) Fire, Police (S)	\$\$	<ul style="list-style-type: none"> <li>Batteries at critical facilities</li> <li>Incorporate public-private partnerships for microgrids and distributed energy</li> <li>Integrate electrical infrastructure capacity in planned CIP projects</li> </ul>

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<b>Goal 5: Freeport residents and businesses prioritize using resources efficiently</b>						
<b>Strategy 5.1: Minimize waste and foster a resource sharing economy</b>						
5.1.1	Phase out single use materials in commercial spaces by expanding single use item bans and promoting reuse systems.	<span style="color: darkblue;">●</span>	Short	FSAB (P)	-	<ul style="list-style-type: none"> <li>Focus on packaging</li> <li>Identify solutions for reporting and enforcement.</li> <li>Emphasize incentives, guidance, and resources available for businesses to phase out single-use waste items faster</li> </ul>
5.1.2	Launch a recognition and outreach program to support businesses to reduce waste and substitute alternatives, especially for single use materials.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span>	Short	FSAB (P) FEDC (S)	-	<ul style="list-style-type: none"> <li>Partner with downtown organizations to reach visitors</li> <li>Encourage circular innovation and reuse businesses in town</li> <li>Consider promoting models for food recovery such as <a href="#">Too Good to Go</a></li> </ul>
5.1.3	Assess opportunities to reduce waste from town operations and facilities by tracking waste and developing a zero waste plan and sustainable purchasing policy.	<span style="color: darkblue;">●</span>	Medium	FSAB (P) Public Works (S)	-	<ul style="list-style-type: none"> <li>Valuable for leading by example, potentially lowering operating costs</li> </ul>
5.1.4	Develop an ordinance for all multi-family residences, commercial establishments, and schools that phases in mandatory recycling and composting.	<span style="color: darkblue;">●</span>	short	FSAB (P) Planning (S)	-	<ul style="list-style-type: none"> <li>Emphasize incentives, guidance, and resources available</li> <li>Engage stakeholders to understand barriers</li> <li>Expand public compost drop off sites, seek partners to expand private curbside composting access</li> </ul>
5.1.5	Adopt a construction and demolition waste recycling and reuse ordinance.	<span style="color: green;">●</span> <span style="color: darkblue;">●</span>	Short	FSAB (P) Codes (S)	-	<ul style="list-style-type: none"> <li>Require C&amp;D reduction/recycling plans for permits over X sf</li> <li>Provide contractors with resources for reuse</li> <li>Explore coordination with historical preservation for adaptive reuse</li> <li>Emphasize incentives, guidance, and resources available</li> </ul>
5.1.6	Develop a library of things that serves as a space to foster opportunities for residents to reuse, repair, and create items and materials	<span style="color: darkblue;">●</span> <span style="color: yellow;">●</span>	Short	FSAB (P)	\$	<ul style="list-style-type: none"> <li>Serve as hub for engagement and outreach</li> <li>Partner with Schools for education.</li> <li>Create a distinct brand for Freeport circular economy/recycling that has broad reaching signage</li> </ul>
5.1.7	Develop a network of recycling bins throughout downtown with wayfinding and unique brand.	<span style="color: darkblue;">●</span>	Short	FSAB (P)	\$	<ul style="list-style-type: none"> <li>Positive behavior change for residents and visitors</li> <li>Partner with businesses</li> </ul>

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<b>Goal 6: Freeport employs stewardship practices that ensure the ongoing health and vitality of our shores and waters</b>						
<b>Strategy 6.1: Prioritize green infrastructure</b>						
6.1.1	Launch a branded ongoing public education and outreach campaign on sustainable landscaping, green infrastructure, lowering light pollution, and resilient land management practices.	<span style="color: lightblue;">●</span>	Short	FSAB (P) Town Engineer (S)	\$	<ul style="list-style-type: none"> <li>100 resilient yards as model</li> <li>Interactive trainings, bring in local groups</li> <li>Guidance for Tree/ forest management, protection/restoration of erodible bluffs, steep slopes, and shorelines using nature-based-solutions (regrading, tree-planting, retreat) for both private and town-owned lands</li> <li>Use Yardscaping program through the Interlocal Stormwater Working Group</li> </ul>
6.1.2	Conduct a review of land use ordinances and Capital Improvement Plan (CIP) to maximize the comprehensive implementation of Low Impact Development (LID) best practices.	<span style="color: lightblue;">●</span>	Medium	Town Engineer (P)	-	<ul style="list-style-type: none"> <li>Road management practices, trees and green islands</li> <li>Coastwise for stream crossings</li> <li>Improve stormwater capture by commissioning an assessment/feasibility study</li> <li>stormwater management techniques</li> <li>Evaluate how much money the Town spends on dealing with stormwater now and how much it will be required to spend in the future</li> </ul>
<b>Goal 7: Forests, wetlands, and coastal habitats are protected</b>						
<b>Strategy 7.1: Permanently conserve land with a focus on biodiversity and connectivity</b>						
7.1.1	Update the Freeport Open Space and Public Access Plan (1999) to develop a comprehensive and forward-thinking roadmap to protect, enhance, and connect natural spaces for people and wildlife.	<span style="color: green;">●</span> <span style="color: lightblue;">●</span>	Medium	Planning (P)	-	<ul style="list-style-type: none"> <li>Make digital maps available in a GIS format.</li> <li>Collaborate with the Freeport Conservation Trust and other local organizations to inventory open space and identify gaps in habitat connectivity</li> <li>Strengthen Subdivision Ordinance to utilize Open Space plan to prioritize and enforce corridor connectivity</li> <li>Incorporate data for priority conservation/habitat into Town GIS layers and continue to update and track as part of regular Town mapping and regulation/monitoring</li> </ul>
7.1.2	Develop and implement an appropriate tree protection ordinance applying to public and private land that maintains tree cover and values resilience benefits of trees.	<span style="color: yellow;">●</span> <span style="color: lightblue;">●</span>	Short	Tree Task Force (P)	-	<ul style="list-style-type: none"> <li>Create an inventory, planting, and management plan for all Town trees</li> <li>Include a pest management plan to organize response to invasive species</li> <li>Create a municipal planting policy that prioritizes native species well-suited for anticipated climate changes, different soil types, and supports pollinators</li> <li>Conduct an audit of municipal landscaping practices and create a plan to use sustainable methods of grounds maintenance</li> </ul>
7.1.3	Pursue local, state, and federal funding to achieve the goal of conserving at least 30% of community land by 2030, with an emphasis on collaborating with regional partners to connect preserved land and protect vulnerable ecosystems.	<span style="color: yellow;">●</span> <span style="color: lightblue;">●</span>	Medium	Planning (P)	\$\$	<ul style="list-style-type: none"> <li>Emphasize collaboration and consider dedicating resources to conservation and land stewardship</li> <li>Monitor permanently conserved lands.</li> <li>Work with land trust and support private easements and support protection of marshes (including migration areas) and other priority areas</li> <li>Easements to protect existing municipal lands.</li> <li>Ensure zoning for compact neighborhoods is balanced with conserving land</li> </ul>

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<b>Goal 8: People, services, and infrastructure in Freeport are prepared and resilient to climate change</b>						
<b>Strategy 8.1: Prepare town services and resources for public health and safety risks exacerbated by climate change</b>						
8.1.1	Develop a heat wave management plan to prioritize strategies and develop protocols to reduce community vulnerability during heat waves.	 	Short	Fire and Police (P) Town Manager (S)	-	<ul style="list-style-type: none"> <li>Plan to include cooling centers and cooling features outdoors and coordinated with increased trees/green landscaping</li> <li>Standard operating procedures for cooling centers and outreach</li> </ul>
8.1.2	Create a process for systematically integrating state projections for climate change into the updated Freeport Emergency Management Plan, the zoning code, new capital improvement projects, and development of the annual budget moving forward.		short	Town Manager (P)	-	<ul style="list-style-type: none"> <li>Including revisions to evacuation routes/plans</li> <li>Integrate best practices into EMP Climate Annex and mitigation strategies</li> </ul>
8.1.3	Create or expand a 'community atlas' resource library for residents including resilience resources, adaptation tools, and public safety and health/emergency management information.	 	Short	FCS (P)	-	<ul style="list-style-type: none"> <li>Partner with local health and wellness service providers, including educators, to promote access to resources that address chronic stressors, including mental health services</li> <li>Education and broad community engagement/outreach on existing resources</li> <li>Outreach to support residents have resources to last 3-days</li> </ul>
8.1.4	Develop neighborhood emergency networks or 'resilience hubs' to distribute information and organize resources during emergencies.	 	Short	FCS (P) Town Manager (S)	\$\$	<ul style="list-style-type: none"> <li>Yarmouth's COVID network as model</li> <li>Model CERT program- identify these individuals with Town credentials such as citizen academy</li> <li>Make sure any volunteers are engaged - a couple times a year are activated for a drill and brought in for training</li> </ul>
<b>Goal 9: People, services, and infrastructure in Freeport are prepared and resilient to climate change</b>						
<b>Strategy 9.1: Enhance local food networks and protect groundwater resources</b>						
9.1.1	Adopt policies that help preserve existing agriculture and aquaculture operations and promote programs that facilitate new production and fill gaps in distribution to residents in need.	 	Medium	Planning (S) FEDC (S) FCS (S)	-	<ul style="list-style-type: none"> <li>Identify local food and aquaculture networks as an economic development priority (TIF policy)</li> <li>increase year-round community gardens infrastructure, greenhouses; year-round farm to-table hub including indoor and outdoor Farmer's Market with FCS Food Pantry connection / WIC</li> </ul>
9.1.2	Expand fertilizer and pesticide ordinances to reduce runoff pollution.		Short	FSAB (P)	-	<ul style="list-style-type: none"> <li>Emphasize incentives, guidance, and resources available</li> </ul>
9.1.3	Enhance the protection of groundwater in zoning.	 	Short	Planning (P)	-	
<b>Strategy 9.2: Ensure public and private infrastructure is resilient to sea level rise and flooding</b>						
9.2.1	Use the Vulnerability Assessment to prioritize investments for at-risk public works infrastructure and incorporate climate projections into planning.		Short	Town Engineer (P) Planning (S)	-	<ul style="list-style-type: none"> <li>Link prioritization into CIP and budgeting</li> <li>Conduct review of CAP vulnerability assessment with all leadership (Town, quasi-public entities.) to determine coordinated steps needed for critical asset protection.</li> <li>Lean on existing org assessment (GMRI, etc)</li> </ul>
9.2.2	Establish and implement flood prevention measures that exceed the Town's current standards to be eligible for the FEMA Community Rating System program.		Medium	Town Engineer (P) Planning (S)	\$	<ul style="list-style-type: none"> <li>Complete the Maine Flood Resilience Checklist and develop an implementation plan to reduce impacts from sea level rise and riverine flooding. Restrict building in high risk areas</li> <li>Assess the vulnerability (current and future) of the town's roads and bridges</li> </ul>
9.2.3	Assess the needs of the working waterfront, coastal commercial establishments, and public coastal infrastructure and implement strategies that address climate change mitigation or adaptation.	 	Medium	Harbormaster (S) Town Engineer (P)	-	<ul style="list-style-type: none"> <li>Use Vulnerability Assessment and existing baseline data from GMRI, etc.</li> <li>Engage commercial waterfront property owners to develop resiliency plans</li> <li>Collaborate with regional partners for assessment, data, and best practice solutions</li> </ul>