

Buildings	<p>Recommend the Town adopt the Maine Uniform Building and Energy Code (MUBEC) Stretch Code, which incorporates the 2021 International Energy Conservation Code (IECC), including Appendices CA, CB, CC, RA, RB, RC</p> <p>Goal 1.1 Reduce GHG emissions generated by existing residential and commercial buildings</p> <p>Recommended Actions</p>	<ul style="list-style-type: none"> • Create or support existing program to offer technical assistance (TA) and financial incentives to replace old/failed equipment and lighting with high efficiency equipment. This would provide follow-up/action steps after energy audit program. • Promote via education and advocacy for all stakeholders. • Work with Efficiency Maine and other organizations to identify grants or other financial incentives. • Conduct a thorough review of ordinances and development regulations to understand opportunities for changes to promote CAP goals. • Consider allowing existing homes to be split into two smaller units (more housing on smaller carbon footprint per household). • Develop or support and advertise energy audit program to identify energy conservation opportunities. • Support the addition of energy audits to buyer home inspections. • Provide education about biofuels as an affordable bridge to heat pump use.
	<p>Goal 1.2 Adopt temperature and flood resilience standards for all new and heavily renovated buildings.</p>	<ul style="list-style-type: none"> • Conduct a code review to identify necessary changes to incorporate resilience standards. • Adopt zoning changes to require buildings in and near impacted areas to be designed to withstand the impacts of climate change through design, siting, changes in use categories, and other physical and operational modifications. • Provide user-friendly guides to new standards and conduct public outreach campaign. • Consider creation of zoning resilience overlays to help protect buildings and neighborhoods from climate emergencies, including sea level rise (SLR), storm surge, and inland flooding. This should include the adoption of a coastal zone overlay district
	<p>Goal 1.3 Develop a plan to phase in energy building codes to reach net zero carbon emissions for new construction.</p>	<ul style="list-style-type: none"> • Adopt the optional Maine Energy Stretch Code (IECC 2021) for greater energy savings. • Provide training for builders, planning staff and board, and code enforcement personnel. • Launch a promotional and public education effort to communicate the advantages of the stretch code and improve the chances of adoption via an ordinance by Town residents. • Adopt regulations that promote development that creates less soil disturbance, less stormwater runoff, smaller building footprints/less impervious surfaces, maintains more natural landscape, and sustainable groundwater use. • Research Maine building products and partner with existing efforts to highlight climate-friendly materials. • Create a list and information program (or use existing resources) for builders, architects, home owners, and other property owners.
	<p>Goal 1.4 Increase awareness and use of climate friendly Maine building products such as cross laminated timber and wood fiber</p>	
Infrastructure	<p>Goal 2.1 Take steps to protect critical assets (water, sewer, public safety, access/evacuation roads, healthcare, Town services, dams, etc.) and other structures that will be impacted by sea level rise, storm surge, flooding and extreme weather events.</p> <p>Request the Planning Board, Planning Director, amend the zoning ordinance to align with York's need to mitigate and adapt to climate change, specifically to adopt new coastal resiliency overlay zoning</p> <p>Pingree secured \$959,757 for the York Sewer District to improve the town's wastewater treatment facility, including upgrades to reduce nitrogen, improve water quality and increase energy efficiency</p>	<ul style="list-style-type: none"> • Conduct review of CAP vulnerability assessment with all leadership (Town, quasi-public entities, healthcare providers, etc.) to determine coordinated steps needed for critical asset protection. • Evaluate needed efforts in additional floodplain management necessary to increase/maintain Federal Emergency Management Agency's (FEMA) Community Rating System (CRS) rating to increase flood insurance premium discount. Public • Evaluate SLR risks (and solutions) to York Beach Fire Department, Town Docks 1 & 2, and the harbormaster office. <p>Electric Grid</p> <ul style="list-style-type: none"> • Upgrade back-up energy systems to reduce downtime. • Encourage communication and collaboration to support the York Water District's efforts to plan for climate adaptation and to implement resiliency. Utilize storm surge and SLR GIS mapping to identify critical water system infrastructure impacts and • Encourage and support the York Water District with prolonged drought planning and implementation. This would include regional cooperation with the Southern Maine Regional Water Council for water quality and quantity. • Evaluate existing code enforcement ordinances with respect to potential impacts from prolonged drought impacts due to climate change. Wastewater: • Encourage and support the York Sewer District's efforts to plan and implement climate adaptation and resiliency. Utilize storm surge and SLR GIS mapping to identify critical wastewater system infrastructure impacts and associated resiliency planning. • Utilize GIS mapping to identify storm surge and sea level rise impacts to on-site septic systems. Support Town efforts to notify property owners of potential impacts due to those projected impacts for systems that are identified to be impacted and work • Improve stormwater capture by commissioning an assessment/feasibility study to better inform stormwater management improvements. Evaluate how much money the Town spends on dealing with stormwater now and how much it will be required to <p>Stormwater:</p> <ul style="list-style-type: none"> • Assess the vulnerability (current and future) of the town's roads and bridges to the five types of flooding (Flash Flooding, River Flooding, Storm Surge, Tidal Flooding and Groundwater). • Develop and implement a standardized protocol for documenting local flood impacts to roads and bridges. • Establish a policy/plan of action and/or emergency fund to expedite post-disaster road/bridge repair. • Require all municipal road and bridge projects to mitigate, to the greatest extent practicable, existing and potential future impacts of flooding and erosion. • Ensure that culverts are properly sized and roadway ditches adequately designed to accommodate increased precipitation during peak storm events. • Launch a marketing campaign and conduct a survey of residents and businesses to gauge demand for better internet service. <p>Roads and Bridges:</p> <ul style="list-style-type: none"> • Assess the vulnerability (current and future) of the town's roads and bridges to the five types of flooding (Flash Flooding, River Flooding, Storm Surge, Tidal Flooding and Groundwater). • Develop and implement a standardized protocol for documenting local flood impacts to roads and bridges. • Establish a policy/plan of action and/or emergency fund to expedite post-disaster road/bridge repair. • Require all municipal road and bridge projects to mitigate, to the greatest extent practicable, existing and potential future impacts of flooding and erosion. • Ensure that culverts are properly sized and roadway ditches adequately designed to accommodate increased precipitation during peak storm events. • Launch a marketing campaign and conduct a survey of residents and businesses to gauge demand for better internet service. <p>Roads and Bridges:</p> <ul style="list-style-type: none"> • Assess the vulnerability (current and future) of the town's roads and bridges to the five types of flooding (Flash Flooding, River Flooding, Storm Surge, Tidal Flooding and Groundwater). • Develop and implement a standardized protocol for documenting local flood impacts to roads and bridges. • Establish a policy/plan of action and/or emergency fund to expedite post-disaster road/bridge repair. • Require all municipal road and bridge projects to mitigate, to the greatest extent practicable, existing and potential future impacts of flooding and erosion. • Ensure that culverts are properly sized and roadway ditches adequately designed to accommodate increased precipitation during peak storm events. • Launch a marketing campaign and conduct a survey of residents and businesses to gauge demand for better internet service.
	<p>Goal 2.2 Install and improve coverage and quality of broadband service in York to minimize Vehicles Miles Traveled (VMT) and improve emergency services.</p>	
Access to Renewable Energy	<p>Goal 3.1 Support the overall increase in the supply of renewable energy for all York citizens.</p> <p>CAC requested SB/Town undertake solar array installation on the York Fire Station roof. RFPs to be sent out now 3/7/24</p>	<ul style="list-style-type: none"> • Lobby State and Federal officials to increase renewable energy supply. • Ensure that local codes and standards encourage and permit small-scale renewable energy generation, including solar systems, and battery storage. • Promote and encourage on-site renewable generation, battery storage, and beneficial electrification, including EVs. Beneficial electrification should be accompanied by purchasing and consuming gridbased power generated by renewable sources. • Explore bulk purchases of solar photovoltaic (PV) systems. • Expand PV systems on municipal and school properties. • Investigate changes to ordinances that incentivize solar systems. • Explore the possibility of solar power installations on undeveloped land including rights of way (powerlines and turnpike) and the Witchtrot landfill. • Seek necessary support/funding for community solar power projects.
	<p>Goal 3.2 Promote alternative means by which residents and businesses can access renewable energy without having to install,</p>	
Natural Resources	<p>Goal 4.1 Permanently conserve land, including wetlands and estuarine systems, and protect resources that provide carbon storage.</p> <p>York Land Trust, Maine Coast Heritage Trust, & U.S. Fish and Wildlife Service, conserved 47.5-acre parcel of land and tidal marsh along the upper reaches of the York River</p> <p>conservation of this parcel (Map & Lot No. 0085-0028-H) off Birch Hill Road promotes carbon sequestration & storage and provides critical space for marsh migration with rising sea levels.</p>	<ul style="list-style-type: none"> • Conduct a tree inventory and create a tree canopy map and plan for ongoing tree planting in the town. • Allocate funding to permanently conserve forested areas. • Support York Land Trust efforts to manage existing conservation lands and expand areas of permanently protected land in York. • Work with the York and Kittery Water Districts to permanently protect District lands in York. • Support incentives in forestry, agricultural, and lawn care practices that increase resiliency. • Support forest management and carbon capture plans with state forestry and University of Maine expert input. • Allocate funding and conserve marsh migration areas. • Establish development limits/restrictions in migration areas/SLR areas. • Explore additional requirements such as a coastal zone overlay to strengthen protections for natural areas. • Consider adopting most current FEMA maps and using additional inland flooding mapping to assess flooding risks and inform development regulations and adaptation investments. • Conduct additional inventory/research work for blue carbon opportunities. • Research and pursue other high impact blue carbon strategies. • Conduct educational/public outreach campaign regarding efforts, including any proposed development restrictions/building regulations. • Review land cover and type information in the CAP and create detailed data for all relevant categories for tracking and observation (ecological, food production, forests, working lands, blue and green carbon, etc.) • Support York Land Trust efforts to manage existing conservation lands and expand areas of permanently protected land in York. • Work with the York and Kittery Water Districts to permanently protect District lands in York. • Support incentives in forestry, agricultural, and lawn care practices that increase resiliency (and carbon storage). • Forest: support forestry management and carbon capture plans with state forestry and University of Maine expert input. • Lawn: provide outreach/education for behavior changes and to increase demand for sustainable lawn care services by practitioners. • Agriculture: promote regenerative practices and provide incentives and TA for same. • Maintain marsh health • Plan for marsh migration • Maintain habitat connectivity. • Manage invasives. • Protect undeveloped habitats and large forested blocks. • Protect headwater streams, natural stream buffers and floodplains. • Provide more funding for land conservation efforts - goal of 30% of town land by 2030. • Review land cover and type information in the CAP and create detailed data for all relevant categories for tracking and observation (ecological, food production, forests, working lands, blue and green carbon, etc.) • Incorporate data into new Town GIS layers and continue to update and track as part of regular Town mapping and regulation/monitoring. • Prepare a detailed assessment of the economic and other values of this land. • Evaluate how existing land use and development regulations can be improved to sustain or enhance carbon storage of natural systems, minimize emissions from new developments, and improve overall coastal resilience; and implement changes to
	<p>Goal 4.2 Permanently conserve land and protect resources for climate resilience.</p>	
	<p>Goal 4.3 Evaluate economic value of natural resources (ecological services, blue carbon, green carbon, food production, forests, working lands) and use value in community decision making.</p>	
Mobility	<p>Goal 5.1 Expand Electric Vehicle (EV) ownership and use.</p> <p>Goal 5.2 Implement a green fleet policy for York municipal vehicle pool.</p> <p>Goal 5.3 Encourage the adoption of green fleet policies by quasi-municipal (water and sewer districts) and commercial fleets operating in York.</p> <p>Goal 5.4 Provide a diversity of mobility options to serve different populations and needs to reduce Vehicle Miles Traveled (VMT).</p>	<ul style="list-style-type: none"> • Establish a program to educate York residents on the benefits of a transition to EVs to motivate them to purchase (social media, schools, etc.). • Research and publicize incentives for low/moderate income drivers (purchase rebates, charging station installation, other). • Explore ways to promote or facilitate the addition of a charger to existing homes. • Explore the feasibility of a reduction on excise tax for certain income groups for annual tax on EV. • Provide up-front price reductions for incomequalifying individuals (supported through Efficiency Maine Trust) so they can avoid having to put more money down and wait for a rebate for EV purchases. • Conduct an inventory of all existing municipal vehicles (school buses, code enforcement, police, fire, parks and recreation, public works, etc.). • Evaluate "right sizing" vehicles to the needed application. • Research available rebates and incentives, total cost of ownership, and develop a funding strategy. • Promote the adoption of "Green Fleet Policies." • Create a program including education and information and tracking of purchase/adoption of EVs. • Offer awards/incentives for those meeting predetermined targets. • Expand and connect sidewalks and paths to make walking safer wherever possible. • Expand and connect bike lanes and paths to make biking safer and more convenient. Prioritize: Route 1, Route 1A, Nubble, Ridge Rd, South Side Rd, Route 103, Route 91. • Adopt zoning and growth policies that encourage walkable, connected development to decrease VMT. • Conduct a needs assessment and survey to identify needs and potential barriers to access (seasonal, disabilities, comfort level, etc.). Create a program based on results. • Calculate walking distances from multifamily and senior housing and schools to key services such as grocery stores, pharmacies, and York Hospital. Create a map, install distance markers, create public health programs and walking routes. • List public transit and ride-share options, calculate average wait and travel times, as well as costs; compare with a case study of individual car ownership. • Provide (or facilitate public-private partnership for) enhanced tourist-season mobility services (electric trolley and remote parking areas) that can also be used by residents. • Offer demand-response transit and shared transit services for residents. • Support improvements and extensions to regional transit services. • Establish a Town transportation hub, to serve residents who are commuters, workers in town including seasonal workers, seasonal visitors. • Provide consistent and user-friendly outreach and educational programs to alert all potential users about available services. • Create public outreach and education programs about alternative mobility choices.

	Goal 5.5 Facilitate, promote, and track the installation of EV charging infrastructure in York for residents, employees, and visitors.	<ul style="list-style-type: none"> Encourage 3rd party owner-operator installation of charging stations at public parking, beach, recreation parking areas. Create a working group of hospitality and businesses dependent on tourism. Develop a plan for charging infrastructure. Offer incentives and/or information to businesses to support. Create a program to advertise York as an "eco-friendly" destination and offer a website map of charging locations. Enact ordinance with "charger-ready" requirements for all new single and two-family residences. Enact ordinances to require EV charging infrastructure in all new commercial, multi-family and subdivision developments (consider requirements such as a minimum of one EV charging station; for lots over 15 spaces, provide 15-20% of spaces with Create a program for single-family home owners including information on rebates, choices, and possible Town incentives to install charging stations.
Waste and Recycling	<p>Goal 6.1 Reduce municipal solid waste (MSW).</p> <p>Goal 6.2 Select municipal waste and recycling contractors based on multiple sustainability and climate criteria in addition to cost.</p>	<ul style="list-style-type: none"> Pass ordinance to limit use of single-use water bottles, take-out containers and other plastics that are not biodegradable. Adopt a sustainable purchasing policy for goods and services purchased by the town. Establish target areas for prioritized sustainable "swaps" where surpluses of items are exchanged to ensure full utilization. Expand food composting and recycling programs to reduce residential and commercial solid waste. Mandate recycling for commercial uses. Explore a construction and demolition recycling policy to keep these materials out of landfills and ensure they are recycled. Develop comprehensive education for food, waste and recycling strategies. While waste only accounts for 3% of GHG emissions in York, residents have great control over the waste they generate, which also impacts GHG emissions from packaging Create criteria for evaluation of waste contractor proposals and adopt criteria. Apply criteria to procurement decisions.
Community Resiliency and Equity	<p>Goal 7.1 Create a Coordinated Climate and Health Response Team to address climate health and disaster risks in the community.</p> <p>Goal 7.2 Ensure public awareness of climate-related illnesses and health impacts.</p> <p>Goal 7.3 Establish a town business sustainability award or recognition program.</p>	<ul style="list-style-type: none"> Review membership in the COVID Coordinated Response Team and adjust list as necessary to include additional relevant entities for climate and health. Create a mission and goals statement and a communications plan. Supply information for separate effort for Town public awareness outreach efforts. Coordinate with regional and state entities with similar missions/goals. Train Emergency Management personnel and others to ensure Town is ready for response in times of climate emergencies. Ensure that emergency responder training includes familiarity with types of illnesses that might present from rising temperatures, including heat exhaustion, cardio-vascular and pulmonary stressors, and "new to Maine" vector-borne diseases Create and adopt policies as necessary. <ul style="list-style-type: none"> Work with Coordinated Climate and Health Response Team to determine important information to convey to public. Recognize potential language and cultural barriers in vulnerable populations to ensure messaging is accessible and relevant Partner with existing networks to reach vulnerable populations and solicit input on challenges and barriers that they experience, as well as input on potential solutions Identify state and local sources for information on anticipated changes to seasonal conditions in temperature and precipitation. Conduct a "best practices" review of other town actions to prepare for heat events level (towns with York population +/- 25%). Identify audiences and sub-groups for special information (vulnerable populations, seasonal workers, seasonal residents, etc.). Develop user-friendly graphics and information for dissemination. Convey information about emergency management activities and climate information in many different formats, and in multiple languages as appropriate for different communities to ensure equitable distribution. Create a streamlined information and communication system to allow Town to get timely information from sources. Use newsletters, social media, partnerships with major employers and nonprofits, etc., to target various audiences. Create a working group of local tourism organizations, businesses, nonprofits, and health organizations to assist in disseminating information in a timely manner. Educate the local community and businesses on availability of air quality phone Apps and sources for other climate-related health notices and updates. Develop an ongoing check-in to catalogue state and local funding sources for this effort. Allocate adequate budget for sufficient incentives. Create or support administrative structure for judging and administration.
Leadership and Capacity	<p>Goal 8.1 Ensure sufficient Town capacity to take action.</p> <p>Goal 8.2 Incorporate considerations of climate risks in municipal decision making.</p> <p>Goal 8.3 Lead by example in all new and existing municipal buildings and relevant infrastructure projects.</p> <p>Goal 8.4 Educate local communities and businesses on climate</p>	<ul style="list-style-type: none"> Assess capacity needed to take action on CAP recommendations. Evaluate Town staff availability, roles of nonprofit, for-profit, and other public entities in sharing implementation tasks. Allocate funding for Town staffing and other resources (space, equipment, etc.) or for support of other entities as necessary. Create protocols for collecting data throughout the year to calculate annual GHG emissions changes and complete required reporting as well as a "report card" on CAP implementation. Add a step to capital planning processes certifying that future climate risks have been carefully considered. Adopt a policy that all municipal development projects will utilize LID techniques and employ "climate design adjustments" to account for sea level rise and storm surge, extreme precipitation, and extreme heat. Adopt engineering practices that enhance and protect key infrastructure, using techniques such as vegetated berms, flood barriers, and elevated roadways. Develop a post disaster contingency plan to "build back safer and smarter" that increases resilience and reduces risk. Creating clear leadership with professional capacity is critical to ensuring that the CAP doesn't simply remain a set of ideas. The Strengthen the energy efficiency standards for all buildings that use public funds. Buy-in by local government. Improved cost-effectiveness of high-efficient HVAC and lighting equipment/systems and building materials. Incorporate cooling locations in public locations and as part of public facilities improvements. Create a centralized committee or compensated position with responsibility for developing information, programs and materials to educate various audiences within York











