

Buildings		<b>Recommend the Town adopt the Maine Uniform Building and Energy Code (MUBEC) Stretch Code, which incorporates the 2021 International Energy Conservation Code (IECC), including Appendixes CA, CB, CC, RA, RB, RC</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• Promote via education and advocacy for all stakeholders.</li><li>• Work with Efficiency Maine and other organizations to identify grants or other financial incentives.</li><li>• Conduct a thorough review of ordinances and development regulations to understand opportunities for changes to promote CAP goals.</li><li>• Consider allowing existing homes to be split into two smaller units (more housing on smaller carbon footprint per household).</li><li>• Develop or support and advertise energy audit program to identify energy conservation opportunities.</li><li>• Support the addition of energy audits to buyer home inspections.</li><li>• Provide education about biofuels as an affordable bridge to heat pump use.</li><li>• Conduct a code review to identify necessary changes to incorporate resilience standards.</li><li>• 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.</li><li>• Provide user-friendly guides to new standards and conduct public outreach campaign.</li><li>• 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</li></ul>
	Goal 1.1 Reduce GHG emissions generated by existing residential and commercial buildings Recommended Actions		
	Goal 1.2 Adopt temperature and flood resilience standards for all new and heavily renovated buildings.		<ul style="list-style-type: none"><li>• Adopt the optional Maine Energy Stretch Code (IECC 2021) for greater energy savings.</li><li>• Provide training for builders, planning staff and board, and code enforcement personnel.</li><li>• 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.</li><li>• 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.</li></ul>
	Goal 1.3 Develop a plan to phase in energy building codes to reach net zero carbon emissions for new construction.		<ul style="list-style-type: none"><li>• Research Maine building products and partner with existing efforts to highlight climate-friendly materials.</li><li>• Create a list and information program (or use existing resources) for builders, architects, home owners, and other property owners.</li></ul>
	Goal 1.4 Increase awareness and use of climate friendly Maine building products such as cross laminated timber and wood fiber		
Infrastructure		<b>Request the Planning Board, Planning Director, amend the zoning ordinance to align with York’s need to to mitigate and adapt to climate change, specifically to adopt new coastal resiliency overlay zoning</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• 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</li><li>• Evaluate SLR risks (and solutions) to York Beach Fire Department, Town Docks 1 &amp; 2, and the harbormaster office.</li></ul>
		<b>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</b>	<b>Electric Grid</b> <ul style="list-style-type: none"><li>• Upgrade back-up energy systems to reduce downtime.</li><li>• 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</li><li>• 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.</li><li>• Evaluate existing code enforcement ordinances with respect to potential impacts from prolonged drought impacts due to climate change. Wastewater:</li><li>• 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.</li><li>• 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</li></ul>
	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.		<b>Stormwater:</b> <ul style="list-style-type: none"><li>• 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</li></ul> <b>Roads and Bridges:</b> <ul style="list-style-type: none"><li>• 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).</li><li>• Develop and implement a standardized protocol for documenting local flood impacts to roads and bridges.</li><li>• Establish a policy/plan of action and/or emergency fund to expedite post-disaster road/bridge repair.</li><li>• Require all municipal road and bridge projects to mitigate, to the greatest extent practicable, existing and potential future impacts of flooding and erosion.</li><li>• Ensure that culverts are properly sized and roadway ditches adequately designed to accommodate increased precipitation during peak storm events.</li></ul>
	Goal 2.2 Install and improve coverage and quality of broadband service in York to minimize Vehicles Miles Traveled (VMT) and improve emergency services.		<ul style="list-style-type: none"><li>• Launch a marketing campaign and conduct a survey of residents and businesses to gauge demand for better internet service.</li><li>• Apply for grants and other support from ConnectMaine for a broadband study and efforts to improve service.</li><li>• Collaborate with SMPDC and neighboring towns to identify pockets of demand and make the case for installation of better service.</li><li>• Develop a targeted action plan to address the current shortfalls and anticipated demand and work with selected providers to plan for installation of better service.</li><li>• Pay particular attention to issues of equity with respect to access, coverage and affordability.</li></ul>
Access to Renewable Energy		<b>CAC requested SB/Town undertake solar array installation on the York Fire Station roof. RFPs to be sent out now 3/7/24</b>	<ul style="list-style-type: none"><li>• Lobby State and Federal officials to increase renewable energy supply.</li><li>• Explore that local codes and standards encourage and permit small-scale renewable energy generation, including solar systems, and battery storage.</li><li>• Promote and encourage on-site renewable generation, battery storage, and beneficial electrification, including EV’s. Beneficial electrification should be accompanied by purchasing and consuming grid-based power generated by renewable sources.</li><li>• Explore bulk purchases of solar photovoltaic (PV) systems.</li><li>• Expand PV systems on municipal and school properties.</li><li>• Investigate changes to ordinances that incentivize solar systems.</li><li>• Explore the possibility of solar power installations on underutilized land including rights of way (powerlines and tumpike) and the Wiltchrot landfill.</li><li>• Seek necessary support/funding for community solar power projects.</li></ul>
	Goal 3.1 Support the overall increase in the supply of renewable energy for all York citizens.		
	Goal 3.2 Promote alternative means by which residents and businesses can access renewable energy without having to install,		
Natural Resources		<b>York Land Trust, Maine Coast Heritage Trust &amp; U.S. Fish and Wildlife Service: conserved 47.5-acre parcel of land and tidal marsh along the upper reaches of the York River</b>	<ul style="list-style-type: none"><li>• Conduct a tree inventory and create a tree canopy map and plan for ongoing tree planting in the town.</li><li>• Allocate funding to permanently conserve forested areas.</li><li>• Support York Land Trust efforts to manage existing conservation lands and expand areas of permanently protected land in York.</li><li>• Work with the York and Kittery Water Districts to permanently protect District lands in York.</li><li>• Support incentives in forestry, agricultural, and lawn care practices that increase resiliency.</li><li>• Support forestry management and carbon capture plans with state forestry and University of Maine expert input.</li><li>• Allocate funding and conserve marsh migration areas.</li><li>• Establish development limits/restrictions in migration areas/SLR areas.</li><li>• Explore additional requirements such as a coastal zone overlay to strengthen protections for natural areas.</li><li>• Consider adopting most current FEMA maps and using additional inland flooding mapping to assess flooding risks and inform development regulations and adaptation investments.</li><li>• Conduct additional inventory/research work for blue carbon opportunities.</li><li>• Research and pursue other high impact blue carbon strategies.</li><li>• Conduct educational/public outreach campaign regarding efforts, including any proposed development restrictions/building regulations.</li><li>• 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.)</li></ul>
	Goal 4.1 Permanently conserve land, including wetlands and estuarine systems, and protect resources that provide carbon storage.		<ul style="list-style-type: none"><li>• Support York Land Trust efforts to manage existing conservation lands and expand areas of permanently protected land in York.</li><li>• Work with the York and Kittery Water Districts to permanently protect District lands in York.</li><li>• Support incentives in forestry, agricultural, and lawn care practices that increase resiliency (and carbon storage).</li><li>• Forest: support forestry management and carbon capture plans with state forestry and University of Maine expert input.</li><li>• Lawn: provide outreach/education for behavior changes and to increase demand for sustainable lawn care services by practitioners.</li><li>• Agriculture: promote regenerative practices and provide incentives and TA for same.</li><li>• Maintain marsh health</li><li>• Plan for marsh migration</li><li>• Maintain habitat connectivity.</li><li>• Manage invasives.</li><li>• Protect undeveloped habitats and large forested blocks.</li><li>• Protect wetlands and vernal pools.</li><li>• Protect headwater streams, natural stream buffers and floodplains.</li><li>• Provide more funding for land conservation efforts – goal of 30% of town land by 2030.</li></ul>
	Goal 4.2 Permanently conserve land and protect resources for climate resilience.		<ul style="list-style-type: none"><li>• 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.).</li><li>• Incorporate data into new Town GIS layers and continue to update and track as part of regular Town mapping and regulation/monitoring.</li><li>• Prepare a detailed assessment of the economic and other values of this land.</li><li>• 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</li></ul>
	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.		
Mobility			<ul style="list-style-type: none"><li>• Establish a program to educate York residents on the benefits of a transition to EVs to motivate them to purchase (social media, schools, etc.).</li><li>• Research and publicize incentives for low/moderate income drivers (purchase rebates, charging station installation, other).</li><li>• Explore ways to promote or facilitate the addition of a charger to existing housing.</li><li>• Explore the feasibility of a reduction on excise tax for certain income groups for annual tax on EV.</li><li>• 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.</li><li>• Conduct an inventory of all existing municipal vehicles (school buses, code enforcement, police, fire, parks and recreation, public works, etc.).</li><li>• Evaluate “right sizing” vehicles to the needed application.</li><li>• Research available rebates and incentives, total cost of ownership, and develop a funding strategy.</li><li>• Promote the adoption of “Green Fleet Policies.”</li><li>• Create a program including education and information and tracking of purchase/adoption of EVs.</li><li>• Offer awards/incentives for those meeting predetermined targets.</li><li>• Expand and connect sidewalks and paths to make walking safer wherever possible.</li><li>• 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.</li><li>• Adopt zoning and growth policies that encourage walkable, connected development to decrease VMT.</li><li>• 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.</li><li>• 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.</li><li>• List public transit and rideshare options, calculate average wait and travel times, as well as costs, compare with a case study of individual car ownership.</li><li>• 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.</li><li>• Offer demand-response transit and shared transit services for residents.</li><li>• Support improvements and extensions to regional transit services.</li><li>• Establish a Town transportation hub, to serve residents who are commuters, workers in town including seasonal workers, seasonal visitors.</li><li>• Provide consistent and user-friendly outreach and educational programs to alert all potential users about available services.</li><li>• Create public outreach and education programs about alternative mobility choices.</li></ul>
	Goal 5.1 Expand Electric Vehicle (EV) ownership and use.		
	Goal 5.2 Implement a green fleet policy for York municipal vehicle pool.		
	Goal 5.3 Encourage the adoption of green fleet policies by quasi-municipal (water and sewer districts) and commercial fleets operating in York.		
	Goal 5.4 Provide a diversity of mobility options to serve different populations and needs to reduce Vehicle Miles Traveled (VMT).		













