



**Vision Statement:** This Comprehensive Energy and Sustainability Plan will guide the Town of Scarborough toward an energy management system that is financially and environmentally sustainable.

## **A. Scarborough Sustainability**

**Purpose:** Support a Sustainability Department as a clearing house for all seeking information on town sustainable initiatives and sustainable practices town-wide.

**Sustainability Definition:** Balancing the values of energy and environmental stewardship, social responsibility and economic vitality to meet present needs while ensuring the ability of future residents to meet their needs. The definition in this document may be referenced as sustainable practices, sustainable measures and sustainable initiatives.

The Town of Scarborough strives to enhance ecological integrity, livability, economic vitality, and resiliency to ensure high quality of life for all. The Town is committed to working with residents and businesses as well as regional partners as a leader in sustainability. The Town intends to be a recognized model for sustainable practices in municipal operations, to lead our community by example, and promote sustainable policies, regulations and practices where practicable.

**Outcome I: Demonstrate an increase in community engagement for sustainable practices**

Action I: Community engagement

- Develop a basic community engagement program which can be presented to the Town Council, Department Heads and employees as well as local businesses, residents, and other stakeholders
- Utilize media and Town website to disseminate sustainability information on a regular basis

**Outcome II: Sustainability Coordinator as a resource for citizens, businesses and municipal government**

Action II: Maintain a clearinghouse of sustainability information

- Coordinate with municipal departments on sustainability measures including; purchasing, recycling, cleaning products and energy options
- Collaborate with Town Planning Department on applications for planning review to provide opportunity to inform citizens and businesses on sustainable measures
- Obtain grants to offset the cost of sustainable energy measures through state, federal and private grant sources
- Staff Energy Committee and serve as a liaison between the committee and Town staff



### **Outcome III: Supporting professional development of Sustainability Coordinator**

#### Action III: Building Professional Capacity

- Establish strong relationships with organizations that can inform and support municipal energy goals
- Build networks with municipal staff, residents, SEDCO, stakeholders and others to keep informed about sustainability measures
- Divert energy savings (at a rate to be determined by Scarborough Town Council) into a reserve account for Sustainability initiatives

## **B. Sustainable Infrastructure**

**Purpose: Take advantage of long-term savings by implementing sustainable practices where practicable for existing and new construction projects.**

### **Outcome I: Demonstrate an increase in sustainable energy measures for municipal infrastructure**

#### Action I: Monitor opportunities and ideas to encourage the incorporation of sustainable development

- Support the installation of LED blubs in municipal streetlights for significant energy savings; using resources from municipalities in Maine that have succeeded in LED streetlight conversions
- Create energy guidelines for all municipal construction and renovation projects to assure that all projects maximize opportunities to minimize energy use
- Provide input on energy saving measures to the planning committee for municipal building construction projects

### **Outcome II: Provide information about sustainable energy options to residents, businesses and Town of Scarborough**

#### Action II: Maintain a clearinghouse of sustainable energy options

- Develop municipal program to incentivize sustainable energy measures for Scarborough businesses
- Collaborate with Town Planning Department on applications for planning review to provide opportunity to inform citizens and businesses on sustainable measures
- Work with SEDCO to attract sustainable businesses to Scarborough



## C. Transportation

**Purpose: Take advantage of long-term savings by implementing sustainable measures where practicable for transportation and infrastructure in Scarborough.**

**Outcome I: Purchase low-emission fuel efficient vehicles for municipal use whenever such vehicles are commercially available and practicable**

Action I: Enhance municipal vehicle fleet as low-emission technology improves

- Participate in Greater Portland Council of Governments (GPCOG) Maine Clean Communities workgroup to learn about clean fuel vehicles and reducing petroleum consumption
- Participate in GPCOG Electric Vehicle (EV) workgroup and other working groups as appropriate to learn about advances in electric vehicle technology
- Collaborate with Public Works Department and Fleet Supervisor on enhancing municipal vehicle fleet as EV and hybrid technology improves
- Obtain funding for EV charging stations for Public Safety and Public Works buildings
- Develop Municipal vehicle and “over the road” equipment metrics regarding energy usage.

**Outcome II: Provide information about sustainable transportation options to residents, businesses and Town of Scarborough**

Action II: Maintain a clearinghouse of sustainable transportation options

- Coordinate with Town Engineer on transportation planning and understanding new developments in the regional transportation system through the Town’s participation in the Portland Area Comprehensive Transportation System (PACTS)
- Participate in regional bus discussions and promote an expanded regional bus infrastructure in Scarborough

**Outcome III: Reduce vehicle emissions where possible through diverse measures in Scarborough**

Action III: Limit idling at schools and at stoplights

- Support the installation GPS devices on school busses in order to track location to alert parents for bus stop drop off purposes
- Develop “no idling” policy for school pick up and drop off
- Work with other municipal boards and committees to develop policies and strategies that reduce car-dependence by strengthening existing growth areas and preserving rural areas
- Advocate for synchronized traffic lights along Route 1 leveraging the work PACTS is doing to address idling



## D. Benchmarking

**Purpose: Establish an on-going assessment of energy, environmental and waste metrics for municipal facilities assets.**

**Outcome I: Compile energy metrics for each municipal facility for the last three years, and maintain them indefinitely as the plan is implemented**

Action I: Metrics

Municipal

- Continually review municipal utility bills for opportunities and areas of savings
- Install building automation systems and sub-metering strategies for all municipal and school facilities
- Adopt benchmarking system to track energy usage for all municipal facilities
- Conduct a municipal greenhouse gas emissions inventory

Commercial

- Adopt benchmarking system to track energy usage for all commercial facilities
- Conduct a commercial building greenhouse gas emissions inventory
- Create incentives for business to participate

**Outcome II: Compile municipal waste metrics for the Town of Scarborough and maintain records indefinitely as the plan is implemented**

Action II: Waste Metrics

- Track municipal waste metrics; collaborate with ecomaine
- Promote composting in municipal facilities; work with school groups to educate
- Increase town-wide recycling rate from 32% to 50% by 2022 through diverting food waste from the waste stream
- Promote recycling at town-sponsored events; provide recycling and food waste disposal at events

**Outcome III: Promote benchmarking measures to Scarborough residents, businesses, and stakeholders**

Action III: Communicate data to residents, businesses, and stakeholders in Scarborough

- Utilize media and Town website to disseminate data, trends and analysis on a regular basis
- Develop web tool where residents, businesses, and stakeholders can track energy data
- Promote successes in utility savings, waste and climate change initiatives to residents, businesses, and stakeholders in Scarborough