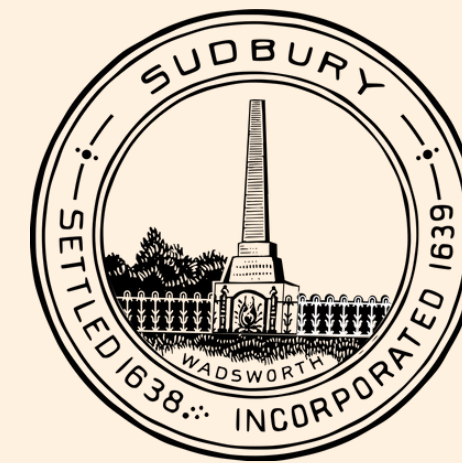


TOWN OF SUDBURY SUSTAINABILITY COORDINATOR UPDATE

Dani Marini-King



HOW DID WE GET HERE AND WHERE ARE WE GOING?

Climate Emergency Declaration

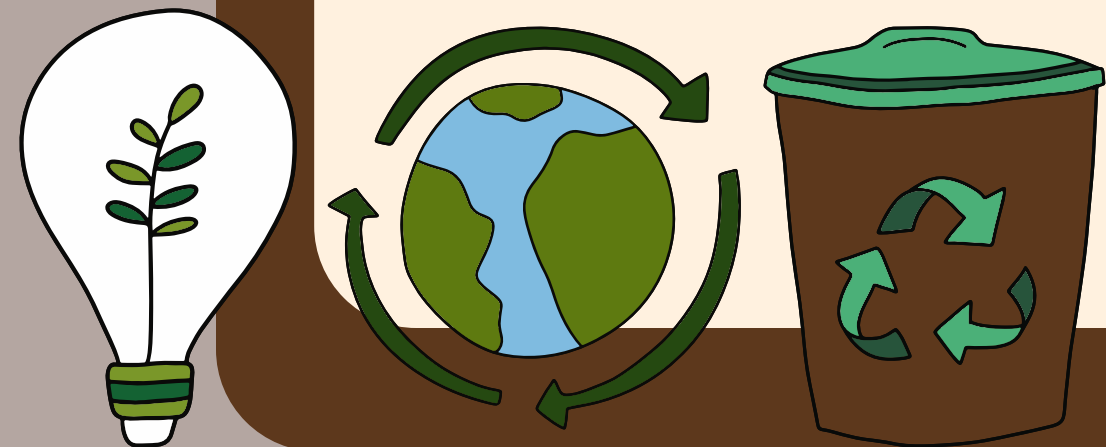
At the 2022 ATM, the Town passed the Climate Emergency Declaration with majority vote. This declaration stated that a climate emergency significantly threatens the safety and wellbeing of the Town, its residents, the natural world, and our fellow people around the world. It declares that mobilizing urgently in response to this threat is a moral imperative and also an opportunity to build a more just and ecologically sustainable economy.

1. Emissions Reduction

A. Town Model/Leader

2. Climate Resilience

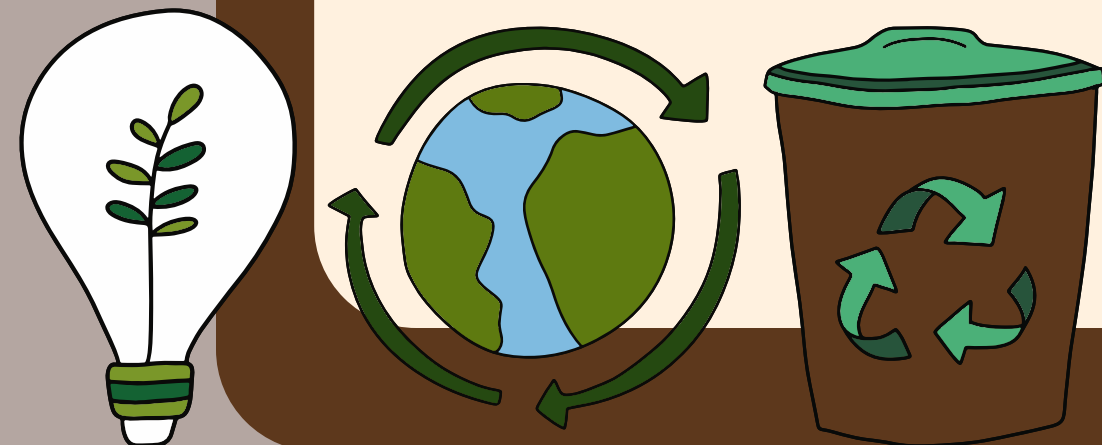
B. Community Outreach & Support



CLIMATE MOBILIZATION ACTION PLAN

The 2022 ATM Climate Emergency Declaration mandated that the Town hire a full-time member dedicated to sustainability and create a Climate Mobilization Action Plan. The Climate Mobilization Action Plan (CMAP) serves as a strategy toolkit to prepare for the potential changes in the environment, both natural and economic, that may occur. The first edition of the CMAP was completed in Spring 2023 and a copy is available on the Town's website.

The Town utilized the assistance of Andrew Blair, a Hazard Graduate student, in putting together this action plan. Mr. Blair led data collection and stakeholder interviews to establish a plan that gives a holistic view of how the Town can achieve a sustainable future. The CMAP includes a menu of strategies, tactics, and policies for Sudbury's residents, businesses, and government to reduce their share of greenhouse gas emissions and improve resilience.



CLIMATE MOBILIZATION ACTION PLAN CONT.

Energy	Transition to Affordable, Reliable, Renewable Energy
Resilience	Increase Sudbury's Capacity to Reduce, Absorb, and Recover from the Impacts of Climate Change
Water	Manage Drinking Water, Wastewater, and Stormwater Holistically
Governance	Make Climate Change a Top Priority of the Municipal Government
Mobility	Create a Safe, Connected, and Accessible Transportation System
Waste	Minimize Greenhouse Gas Emissions Associated with Waste
Facilities & Buildings	Encourage a Shift to Resilient and Efficient Buildings that Minimize Greenhouse Gas Emissions
Natural Resources	Protect and Enhance Sudbury's Natural Resources to Maximize Their Climate and Resilience Benefits

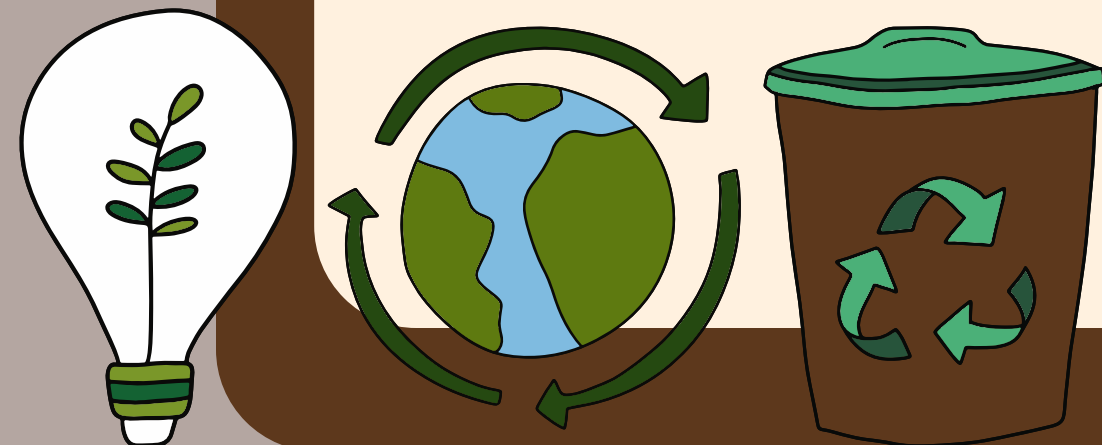
CURRENT PROJECTS

Solar Rooftop Arrays

The Town selected a proposal for the design of a solar ready roof at the **DPW Town Offices**, and is in the process of reviewing a PPA for the solar panels. The roof of the new **Fairbank Community Center** was constructed to be solar ready with appropriate electrical pathways. The Town is researching options for a final solar design and PPA. Additionally, the roof on the addition at **Fire Station 2** was constructed to be solar ready with electrical pathways installed to support solar panels. The Town is in search of a final solar design and PPA. There is also interest in exploring solar options on the **Flynn Building, Fire Department HQ, Fire Station 3**, and at **Haskell Field**.

LED Retrofits

The Town is soliciting competitive proposals to install LED retrofits in the **Flynn Building, Town Hall, Goodnow Library, Fire Department HQ, Fire Station 2**, and **Fire Station 3**.



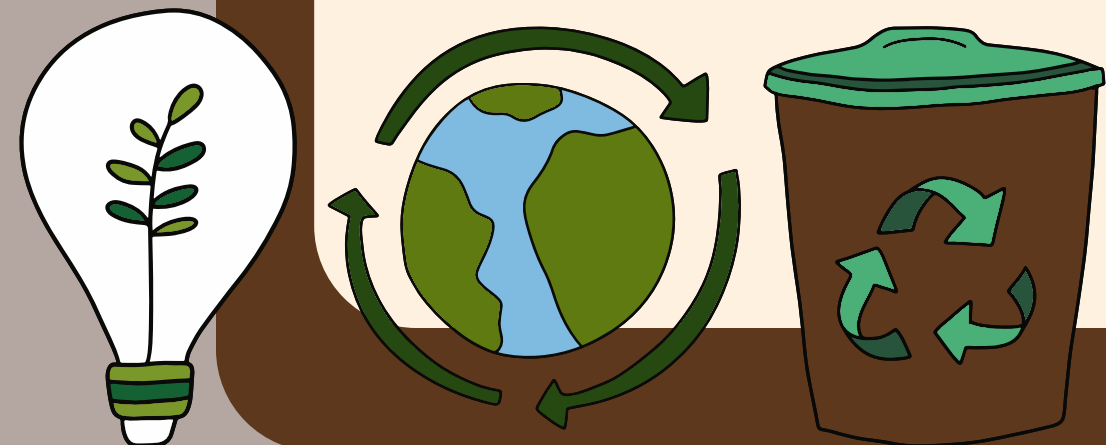
CURRENT PROJECTS CONT.

Electric Vehicle (EV) Chargers

The Town is working with Guardian to install EV chargers at the **DPW** and **Police Station**. Construction should begin late Summer 2023. The Town was also in the process of installing EV chargers at the **Flynn Building** and **Goodnow Library**, but due to changes in how the MAEVIP grant and Make Ready incentive programs could be utilized, the funding for these projects fell through in Spring 2023.

Electric Vehicles

The Town purchased an eF150 for use by the **Police Department** and plans to purchase another eF150 for use by the **DPW**. Some of the funding for this electric vehicle is being provided by a Green Communities Grant.



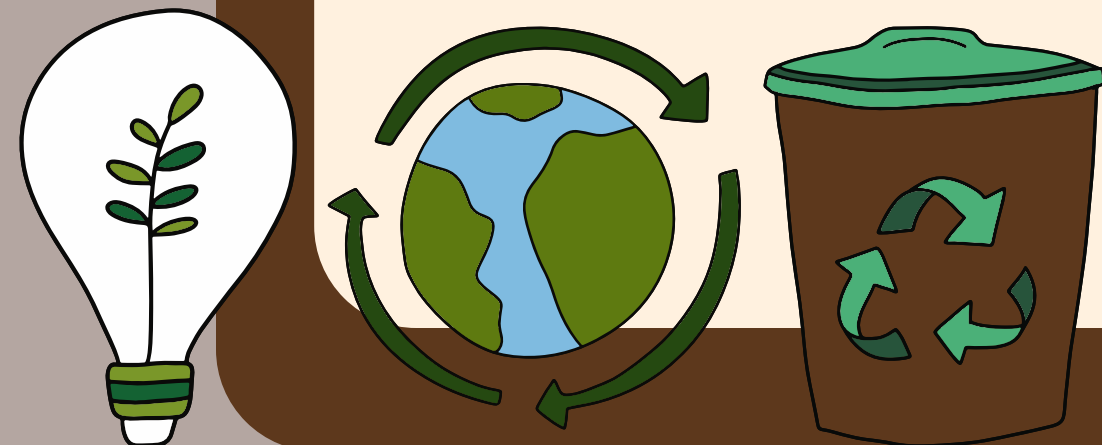
CURRENT PROJECTS CONT.

No Mow May

This past spring, the Town encouraged residents, businesses, and other stakeholders to refrain from mowing during the month of May in order to protect our local pollinators and reduce our greenhouse gas emissions. There were at least 38 households in Sudbury, and several in surrounding communities, who participated in the No Mow May campaign. The Town plans to implement this campaign again next spring and hopes to include Town-owned properties where appropriate.

Other Building Upgrades

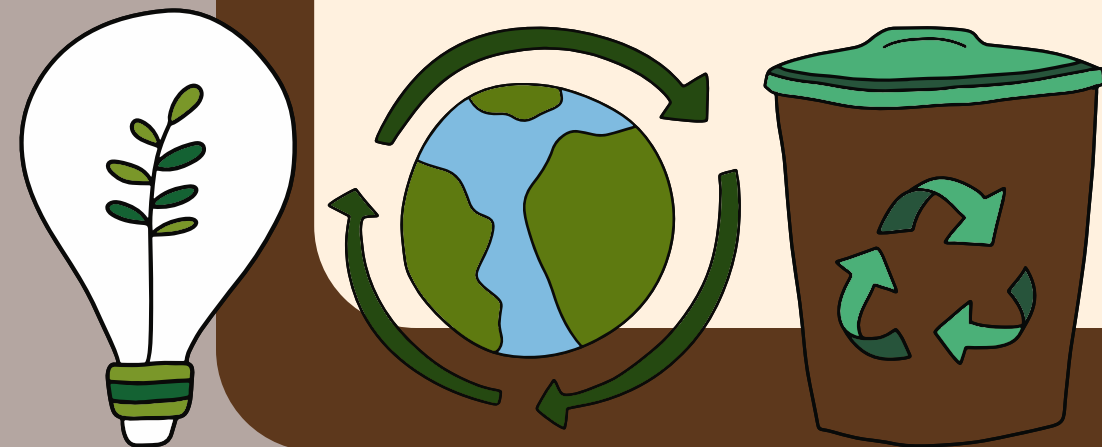
The Town is exploring weatherization options at the **Fire Department HQ** and **Hosmer House** to improve energy efficiency. They are researching energy efficiency assessment planning assistance to help with this effort.



FUTURE PROJECTS/IDEAS

Composting

The Town is interested in implementing a Town-wide composting program to aid in the reduction of our GHG emissions. Before the Town can successfully implement a Town-wide composting program, more effort is needed to improve community education and interest in composting. Starting with implementing composting programs at Sudbury Public Schools and Lincoln-Sudbury High School should help build education and interest from the ground up. Haynes Elementary School uses Black Earth to compost food waste from the cafeteria, and the Town is exploring converting to an on-site composting and gardening program.



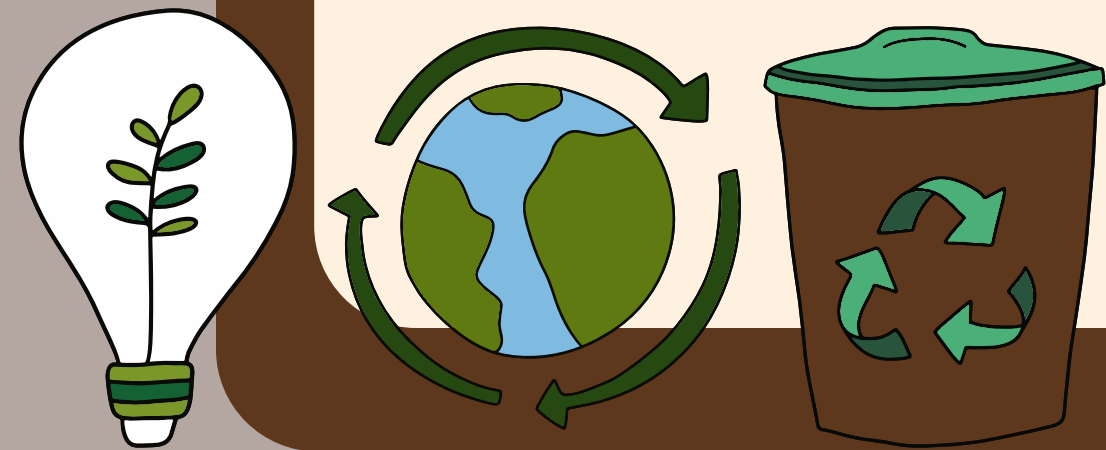
FUTURE PROJECTS/IDEAS

Greenhouse Gas (GHG) Emissions Inventory

The Town is interested in creating an inventory of the Town's and Community's greenhouse gas emissions to set a baseline of our emissions impact. The Town released a Request for Proposals (RFP) on July 17th to secure a consulting firm to conduct this inventory. Bids will be accepted at the Facilities Department until 12:00 pm on August 3rd.

Net-Zero Plan

The Town is interested in developing a Net Zero Plan to target the sectors in the community that are of most concern and are emitting the most greenhouse gasses. This will help the Town meet its GHG reduction goals. The Town partnered with the Metropolitan Area Planning Council (MAPC) to scope this Net Zero Plan. MAPC applied for a DOER grant on behalf of the Town for Net Zero scoping and community engagement in June 2023.



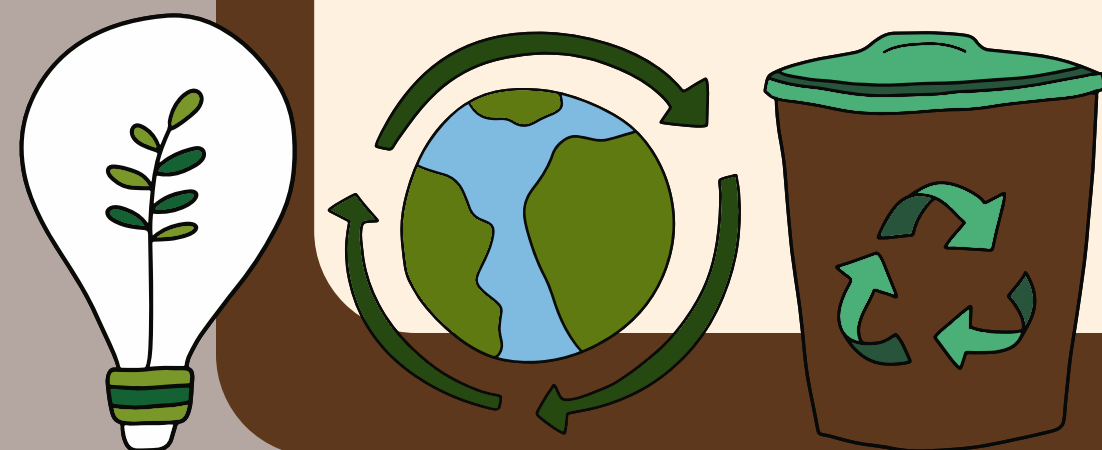
FUTURE PROJECTS/IDEAS

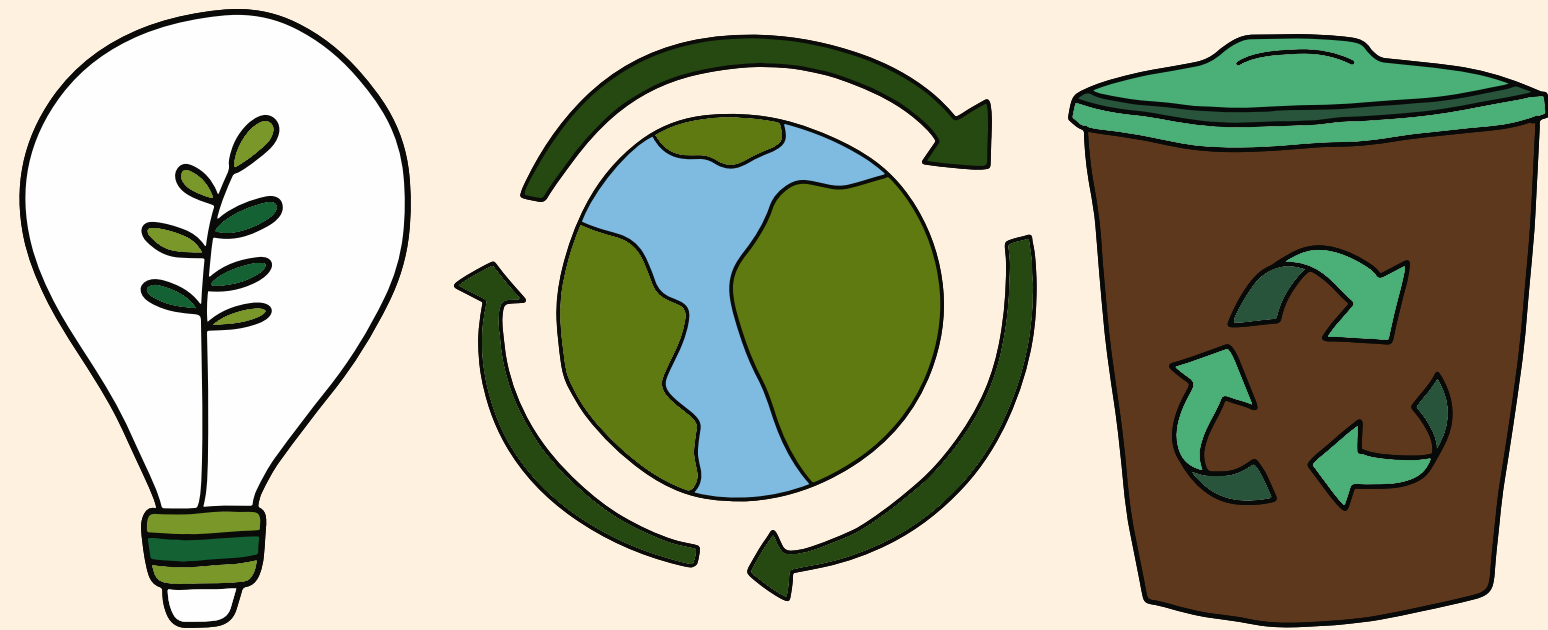
Municipal Vulnerability Preparedness

The Municipal Vulnerability Preparedness program is a State grant program providing assistance to municipalities for climate resilience planning and actions. The Town of Sudbury completed the MVP Planning process in May 2019, and the Town submitted an application to be considered for the MVP 2.0 pilot program this Spring 2023. If selected, the Town will receive funding to re-prioritize their climate resilience actions, engage in a robust community planning process with focus on Sudbury's vulnerable populations, and implement a seed project. Grant awards should be announced in a few weeks.

Climate Risk Assessment

The Town is seeking a consultant to conduct a quantitative all-hazards vulnerability and risk assessment to geospatially identify populations and assets that are vulnerable to various physical threats. The Town drafted an RFP to secure a consulting firm to conduct this risk assessment, and the RFP is under review by the Facilities Department.





QUESTIONS?

