



RESILIENT DANVERS

Our Pathway to a Sustainable Future



Town of Danvers



WASTE

Reducing waste by decreasing consumption, increasing low waste design practices, and enhancing opportunities for recycling, recovery, and reuse of materials.

What's Included

- Recycling
- Composting and Organic Waste
- Consumption Practices
- Hazardous Waste

WHY IT MATTERS

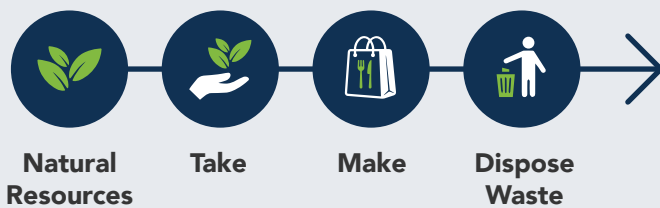
Our economy is largely based on the use of limited resources to make products that are ultimately wasted. This **linear economy** model pollutes our environment and does not realize the full value of our natural resources. By creating a more **circular economy**, Danvers can use resources more efficiently and experience economic benefits by preventing waste from being produced. To do this, we must first reduce our consumption of resources, reuse materials as many times as possible, and then recycle the remaining waste.



DANVERS GENERATES A TOTAL OF 41,366 TONS OF WASTE PER YEAR.¹

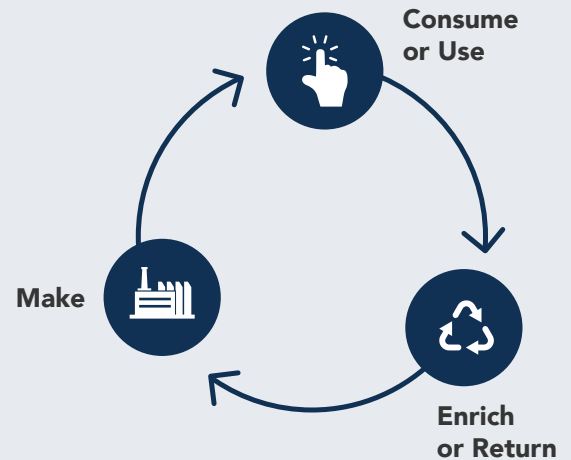
LINEAR ECONOMY

Energy and materials from finite sources



CIRCULAR ECONOMY

Energy and materials from renewable sources



BY THE NUMBERS



28,677 TONS

of commercial waste generated each year in Danvers.²



15%

of residential waste diverted from incineration facility by recycling.¹



1,232 TONS

of mixed paper recycled each year, which is the Town's largest category of recycled materials.¹

Circular Economy

(noun)

A systems solution framework that tackles global challenges like climate change, biodiversity loss, waste, and pollution. It is based on three principles, driven by design: eliminate waste and pollution, circulate products and materials (at their highest value), and regenerate nature.³

Linear Economy

(noun)

An economy in which finite resources are extracted to make products that are used--generally not to their full potential--and then thrown away ('take-make-waste').³

AROUND OUR COMMUNITY

In 2019, Danvers implemented a stickering program to reduce recycling contamination. **Contamination of recycling bins decreased by 90%** a month after introducing the program. Danvers has also held several zero waste recycling weekends to educate residents on recycling best practices and encourage sustainable actions.

At the state level, MassDEP's 2050 goal is to reduce waste disposal by 90%, from a 5.7 million ton 2018 baseline to 570,000 tons. We can do our part in Danvers by setting ambitious goals to reduce our waste and increase recycling and composting.

¹ Mass.gov, Municipal Solid Waste Recycling Survey Responses (2019).

² KLA Analysis, Estimated from Mass.gov Labor Market Information Data and Typical Waste Generation Rates (2022).

³ Ellen MacArthur Foundation, Finding a Common Language: The Circular Economy Glossary.



The future demands that we take

BOLD ACTION
NOW. **EVERYONE IS NEEDED**

Climate change will affect us all. *Resilient Danvers* is a platform to share your concerns, priorities, and ideas for how Danvers should take appropriate action, such as building clean energy and transportation systems, supporting affordable and livable neighborhoods, and growing a diverse and sustainable economy.



Talk with friends and family



Engage with our online tools and surveys



Attend events to talk with us about the plan



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