



Six Ways YOU can Save Money and the Climate!

PIZZA PARTY



LEARN ABOUT INCENTIVES, ENERGY COACHING, AND RESOURCES TO HELP YOU:

- Weatherize your home
- Heat and cool with heat pumps
- Go solar
- Get around sustainably
- Refuse, reduce, reuse, recycle
- Landscape sustainably

+Pizza



TUESDAY, FEBRUARY 11

AT THE WELLESLEY FREE LIBRARY - WAKELIN ROOM
530 WASHINGTON STREET, WELLESLEY, MA
6:30 PM THROUGH **8:30 PM**

PIZZA AND SOCIALIZING

6:30-7:00 P.M.

PROGRAM

7:00-8:30 P.M.

For additional information contact:
ClimateAction@wellesleyma.gov



Panelists

- **Marybeth Martello**, Sustainability Director
- **Tess Ruderman**, Sustainability Program Coordinator, MLP
- **Chris Chan**, Assistant Director, MLP
- **Sheila Page**, Mobility Manager
- **Jamie Manzolini**, Superintendent, Recycling and Disposal Facility
- **Brandon Schmitt**, Director, Natural Resources Commission
- **Mary Gard**, Climate Action Committee, Energy Coach, Sustainable Wellesley
- **Fred Bunger**, Energy Coach, Formerly Climate Action Committee

Planning and Implementation

- **Susan Zelenko**, Sustainable Wellesley
- **Lisa Gieger**
- **Organizing Committee**
 - Janet Mosley, Martha Collins, Phyllis Theermann, Chris Chan, Lisa Gieger, Sue Morris, Ellie Perkins

What YOU can do to Save Money and the Climate!

Wellesley Free Library

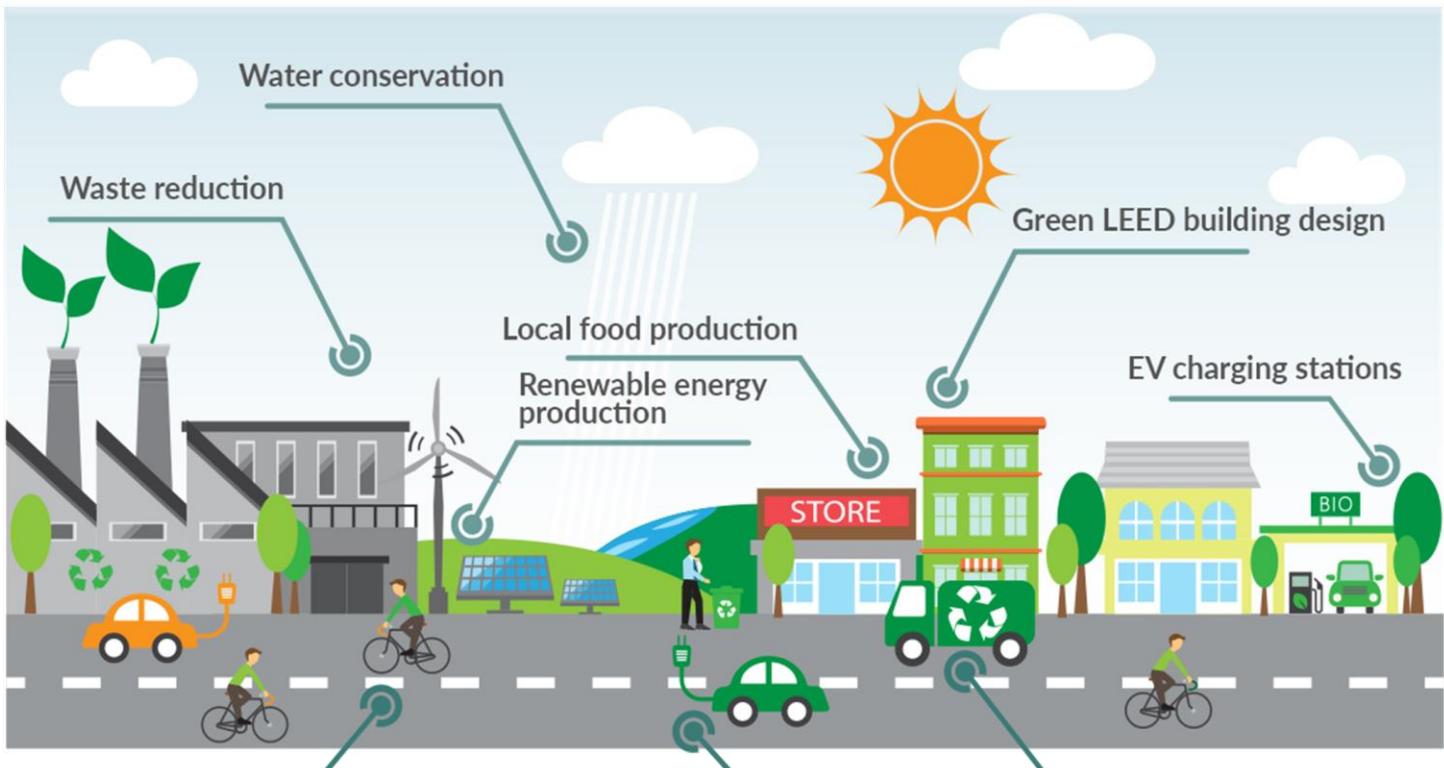
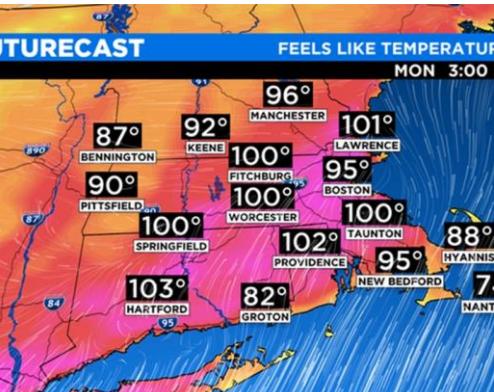
February 11, 2025



Urgent Crisis



Opportunity



City design for
ride/walkability

Public transportation

City policies that
encourage sustainability

Local food production
Renewable energy
production

EV charging stations

Water conservation

Waste reduction

Green LEED building design



WELLESLEY CLIMATE ACTION



BE PART OF IT

- Weatherize
- Heat and cool with heat pumps
- Go solar
- Get around sustainably
- Reduce waste
- Landscape sustainably

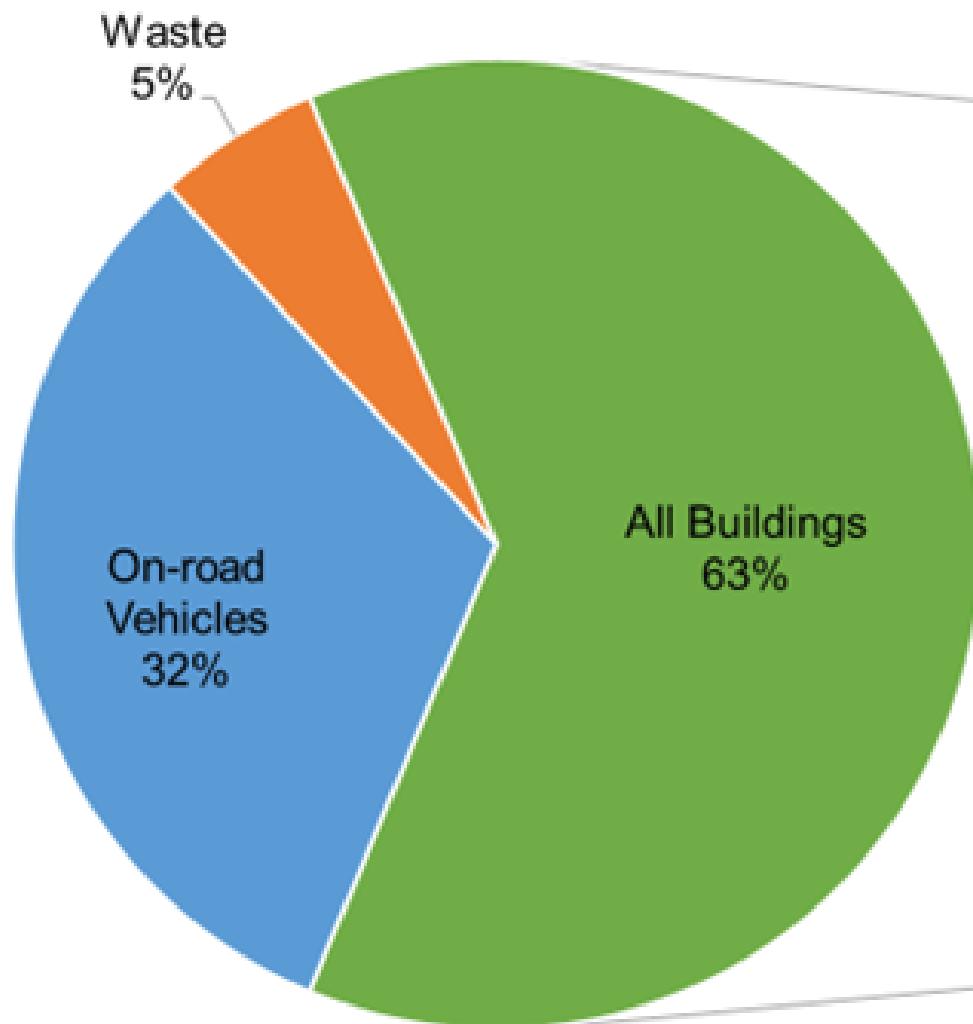
What?

Why?

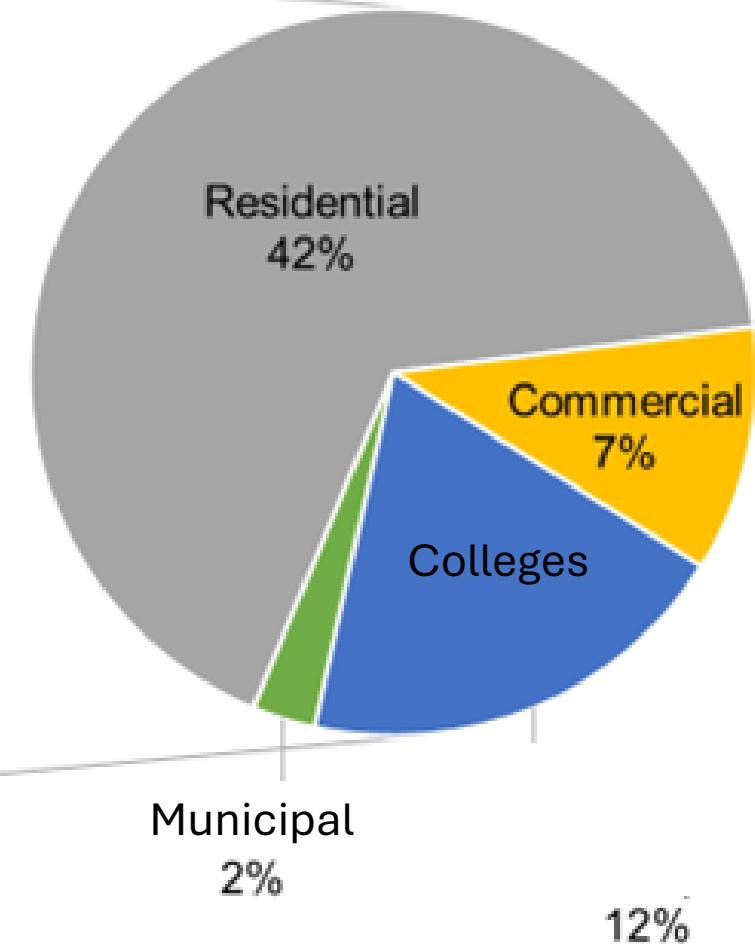
How?

<https://wellesleyma.gov/1505/Be-Part-of-It>

Contribution to 2023 Total GHG Emissions (MTCO₂e)



**Building Emissions
by Sector**



Greenhouse Gas Emissions Reduction Goals

(set by Town Meeting in 2021)

50%

- Reduction by **2030**
 - Compared to 2007 levels



75%

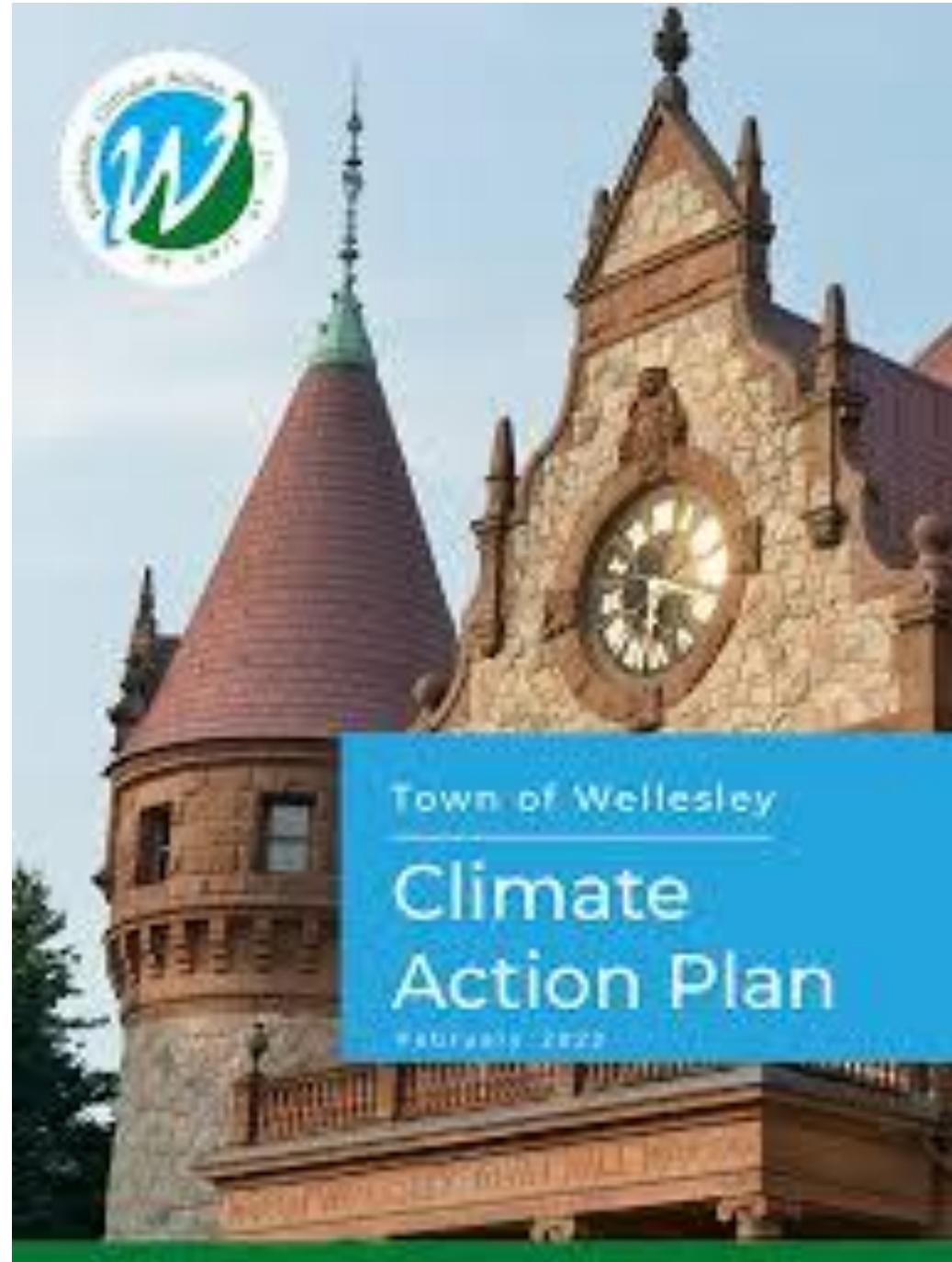
- Reduction by **2040**
 - Compared to 2007 levels



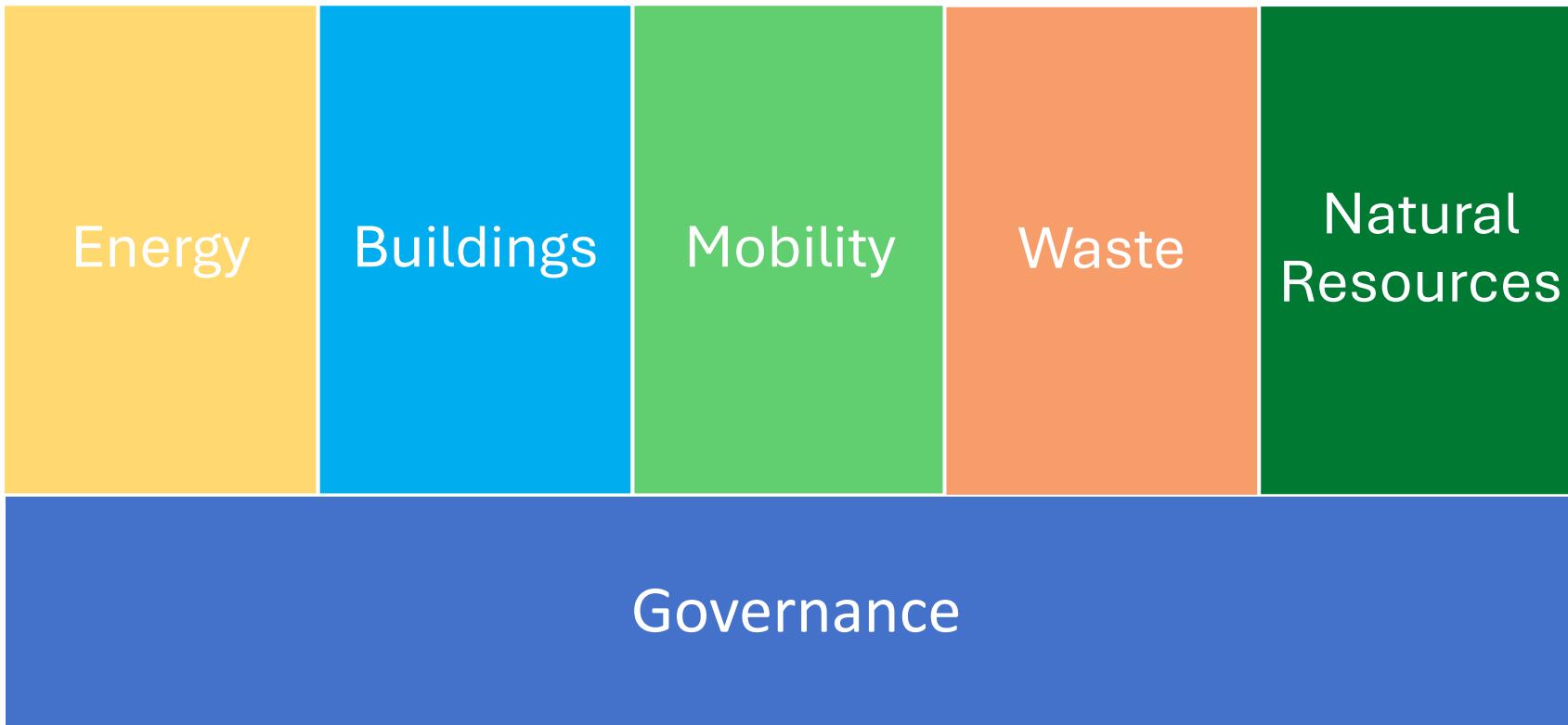
Net Zero

- Reduction by **2050**

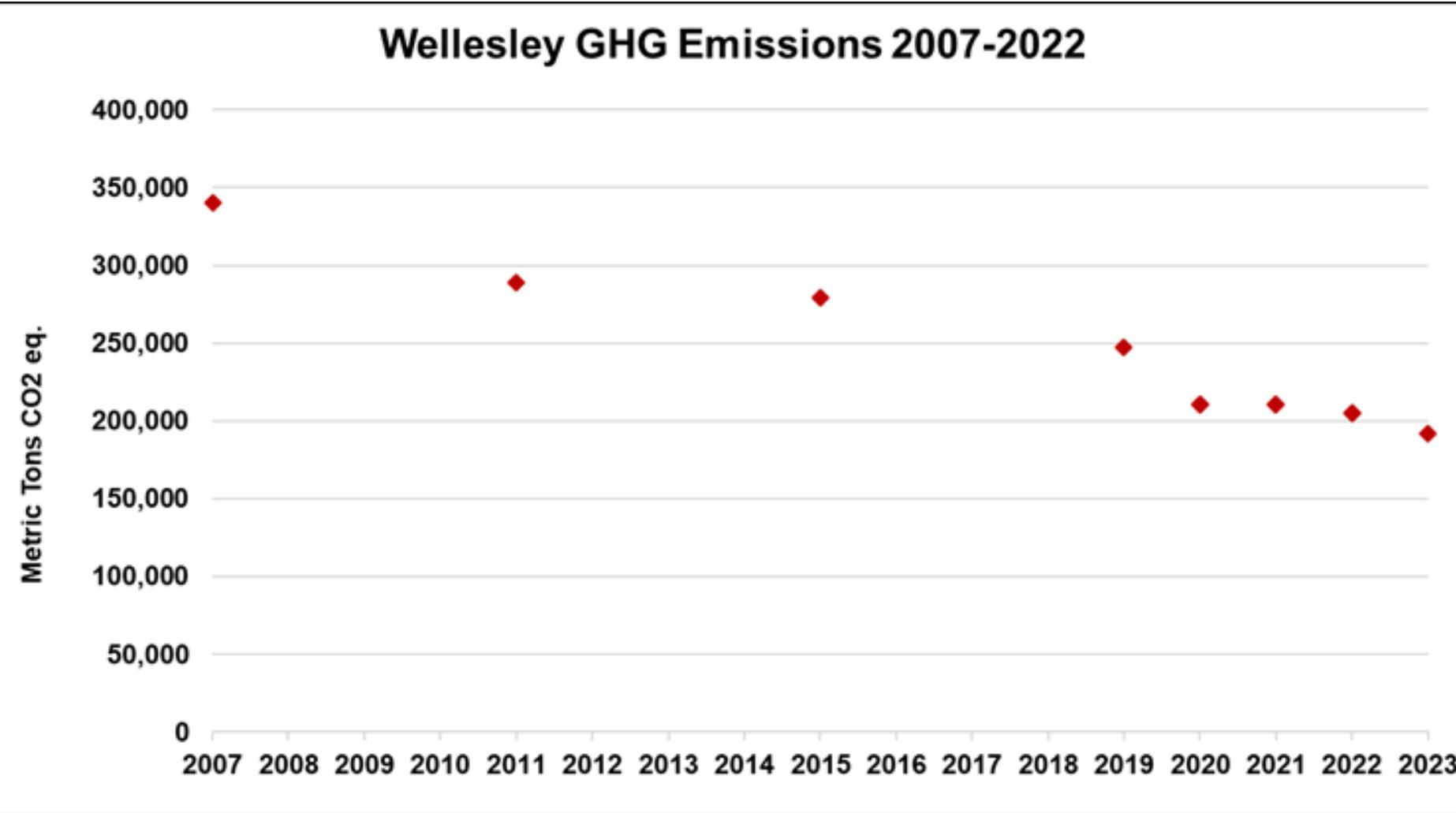
Townwide Roadmap



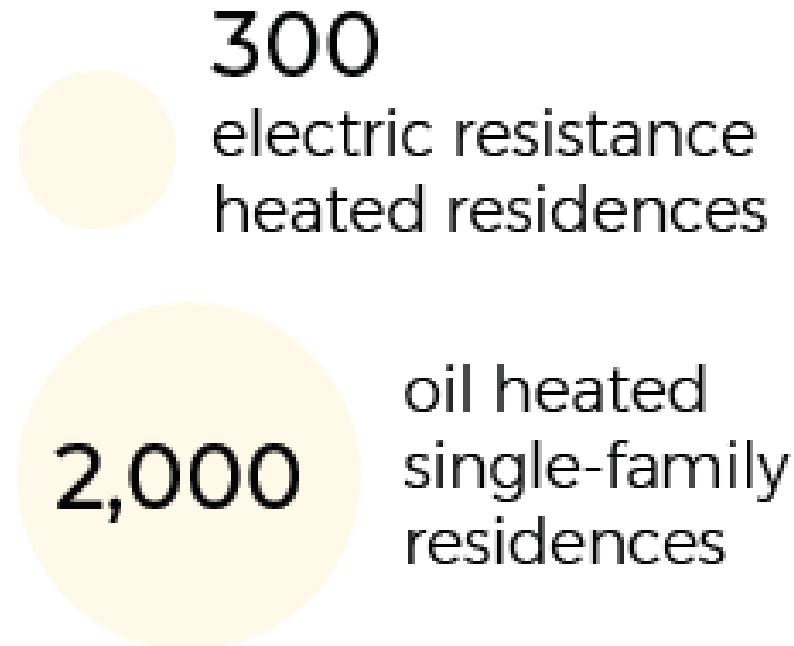
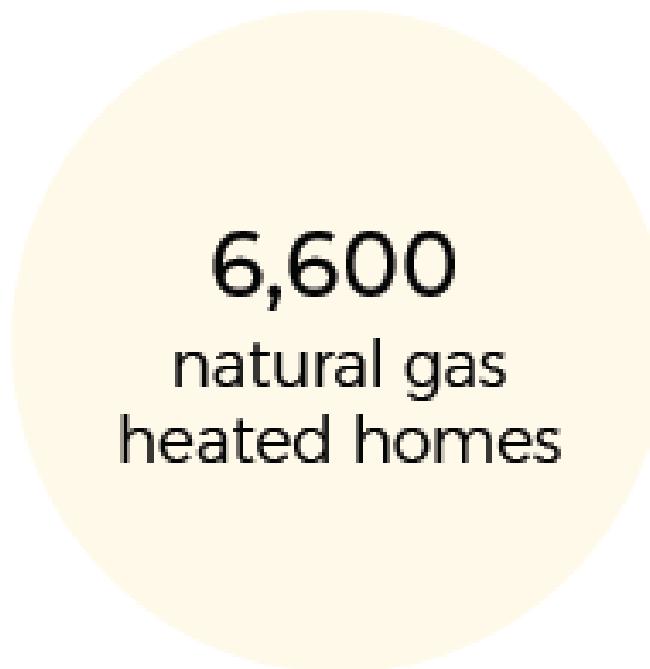
Climate Action Plan Pathways



Wellesley GHG Emissions 2007-2022



Wellesley Housing Stock



Use Less Green the Rest

Minimize Energy Use



NEEP



<https://www.epa.gov/vcs/energy-star>

Electrify



Shutterstock

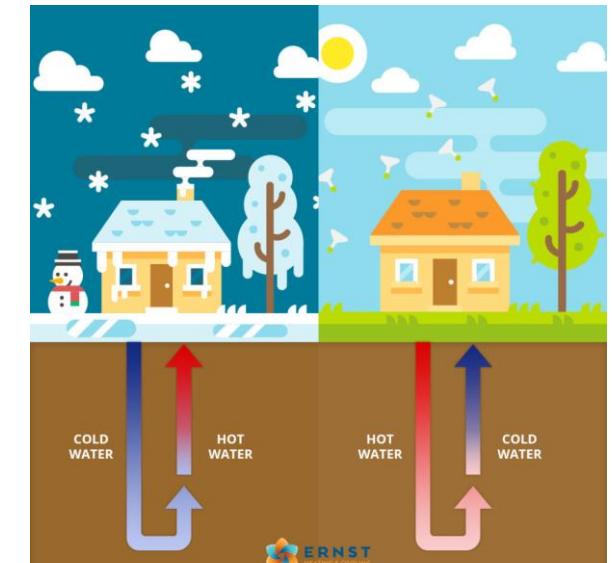


Business insider



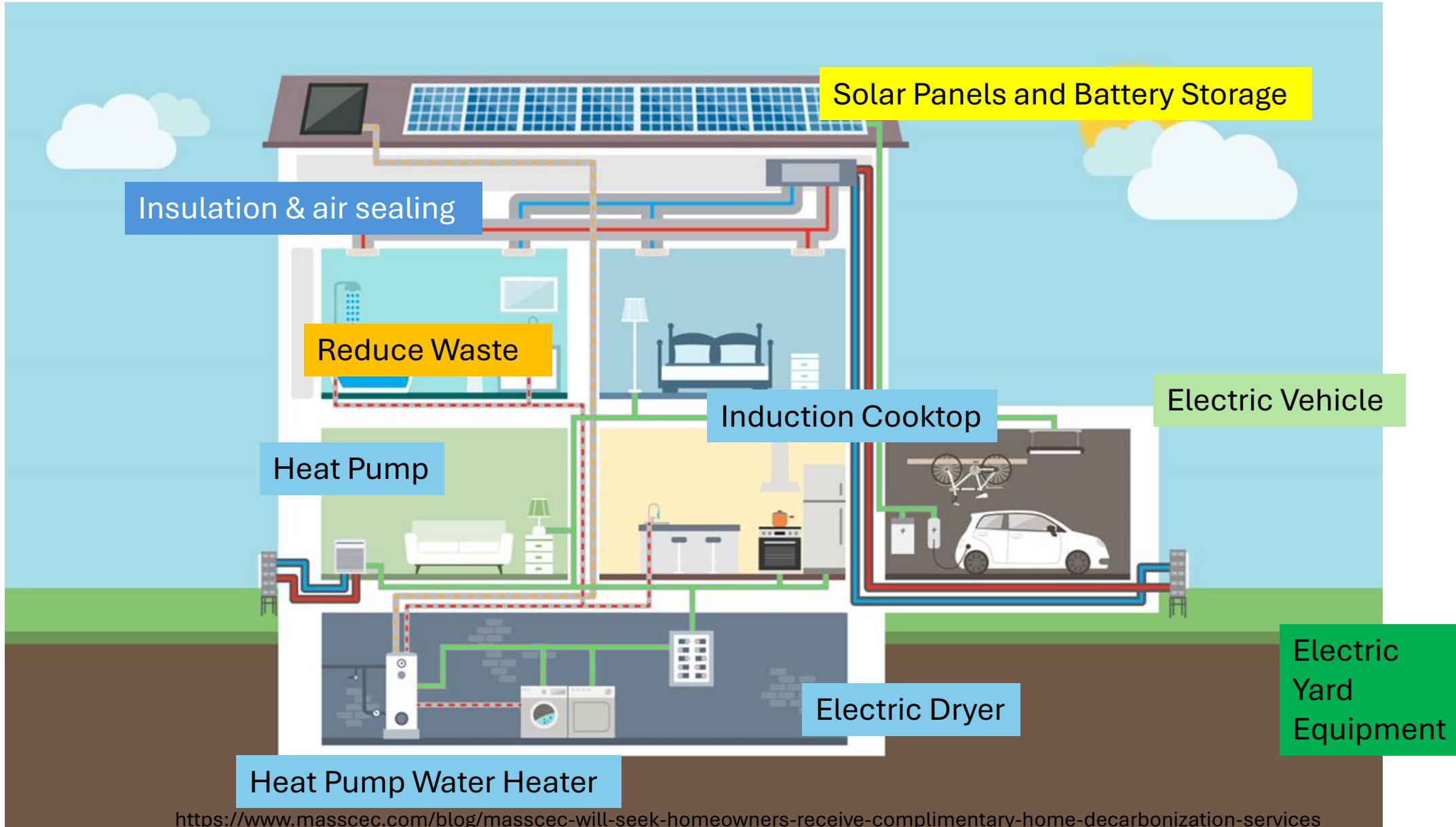
NPR Bill Pugliano/Getty Images

Use renewable energy



ERNST
HEATING & COOLING

Use Less – Green the Rest



Weatherize & Heat and Cool with Heat Pumps

Why weatherize?

- Reduce heating and cooling costs
- Reduce GHG emissions
- Increase home value
- Increase HVAC life
- Increase comfort
- Reduce noise (w/certain insulation)
- Improve health
- Incentives



MassCEC: <https://goclean.masscec.com/weatherization/>



<https://www.rocketsprayfoam.com/fiberglass/>

Path to a
More
Comfy,
Efficient
Home



Contact a
no-cost
energy coach

Path to a
More
Comfy,
Efficient
Home



Contact a no-cost
energy coach



Get a no-cost
energy assessment

No-cost Home Energy Assessment

Call
781-305-3319

Call
888-577-8448

Gas-heated
Home

Oil-heated
Home

Path to a More Comfy, Efficient Home



Contact a no-cost energy
coach



Get a no-cost energy
assessment



Weatherize (in coordination with heat pump installation)

Why Install an Air Source Heat Pump?

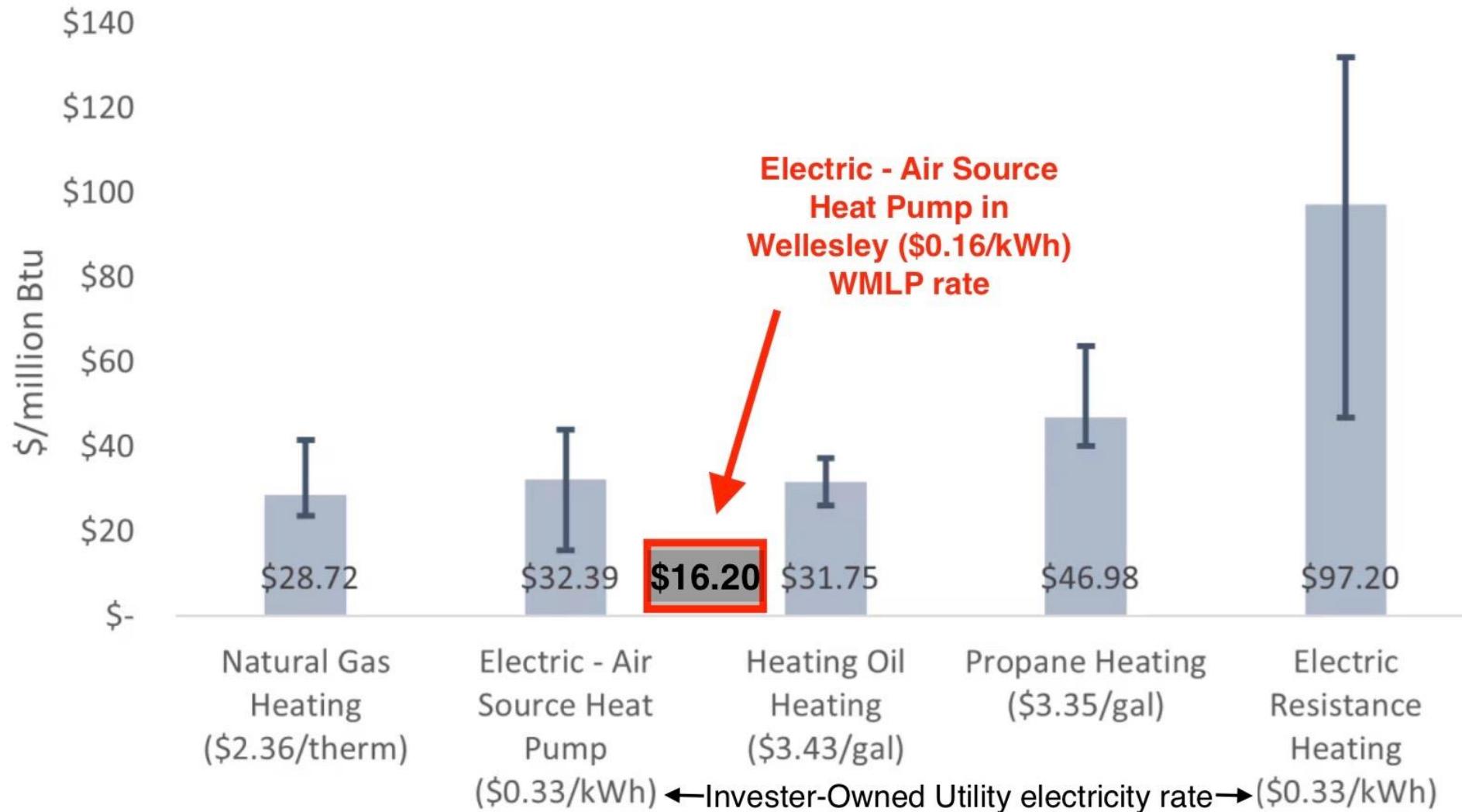
- Heat, cool, and dehumidify
- Up to 3 times more efficient
- Less expensive to operate
- Lower greenhouse gas emissions
- Versatile
- Quiet
- Incentives

- Also – heat pump water heaters



Why Install an Air Source Heat Pump?

Figure 2: Cost to Produce Heat this Winter (2024/25) for Different Technologies



Path to a More Comfy, Efficient Home



Contact a no-cost energy coach



Get a no-cost energy assessment



Weatherize (in coordination with heat pump installation)



Get heat pump quotes

Path to a More Comfy, Efficient Home



Contact a no-cost energy coach



Get a no-cost energy assessment



Weatherize (in coordination with heat pump installation)



Get heat pump quotes



Select a contractor/install/get rebates

Leading by example



Financial Incentives: 3 Sources



- Utility Rebates
- 30% Federal Tax Credits
- 0% or Low-Cost Financing

Incentives | Wellesley, MA

https://wellesleyma.gov/2201/Incentives

Inbox (39,558) - mar... Wellesley, MA | Offi... QR.io: QR Code Gen... Inbox (39,662) - mar... Dashboard • CivicPlus Your Climate Action... The Complete Guid... Sustainable Fleet Po... All Bookmarks

WELLESLEY
MASSACHUSETTS

SERVICES GOVERNMENT DEPARTMENTS COMMUNITY

Search...



Home Weatherization and Efficiency

	Energy Audit	Weatherization & Air Sealing (contractor installed)	Energy Star Doors	Energy Star Windows	Weatherization Barrier Mitigation
Mass Save Program (For residents with natural gas service)					
Standard Rebates	<u>Free</u>	<u>75-100%</u>		<u>\$75 per window replaced</u> (pre-verification and weatherization required)	
<u>Income Qualified Programs</u>	<u>Free</u>	<u>Free</u>		<u>May qualify for no-cost replacement of eligible inefficient windows</u>	<u>Up to \$7,000</u>
<u>Heat Loan</u> (0% interest financing for 7 years)		Up to \$25,000		Up to \$25,000	Up to \$25,000
Wellesley Municipal Light Plan Incentives (For residents with oil, propane, and electric heating)					
<u>Incentives</u>	<u>Free</u>	<u>50% up to \$1,500;</u> <u>50% up to \$2,500</u> if completed within six months of a whole-home heat pump system			
State Incentives					
<u>Energy Saver Home Loan Program</u>	Low interest loan up to \$100,000 for energy-related home improvements for low and moderate income households.				
Federal Incentives (Credits below can be combined up to an annual maximum of \$1,200)					
Tax Credits	<u>30% up to \$150</u>	<u>30% up to \$1,200</u> for insulation or air sealing materials; contractor not required	<u>30% up to \$250/door, max \$500</u>	<u>30% up to \$600</u>	Select Language Google Translate

Incentives for Weatherization

1. Utility Incentives

- **Free Energy Assessment**
- **Insulation savings:** 75-100% of insulation cost (gas customers), or 50%, up to \$2,500 (non-gas customers)

2. Federal Tax Credit

- **30% of cost**, up to \$1,200 **annually**
- Includes insulation, windows, doors



3. Financing

HEATLoan

- 0% interest, 3-7-year term \$25,000 gas customers only,
- **Any income level**

OR

Energy Saver Home Loan

- .5 - 2% Interest, 20-year term, \$100,000
- Must make under \$191,700, annually

Incentives for Heat Pumps

1. Utility Incentives - Up to \$10,000, both gas and non-gas heated homes

2. Federal Tax Credit - 30% of cost, up to \$2,000 **annually**

Includes Air-Source Heat Pumps, Air-to-Water Heat Pumps, Heat Pump Water Heaters, Electric panel upgrades, Geothermal systems (ground source heat pumps) have NO annual cap



3. Financing

HEATLoan

- 0% interest, 3 – 7-year term \$25,000 gas customers
- **Any income level**

OR

Energy Saver Home Loan:

- .5 - 2% Interest, 20-year term, \$100,000
- Must make under \$191,700, annually



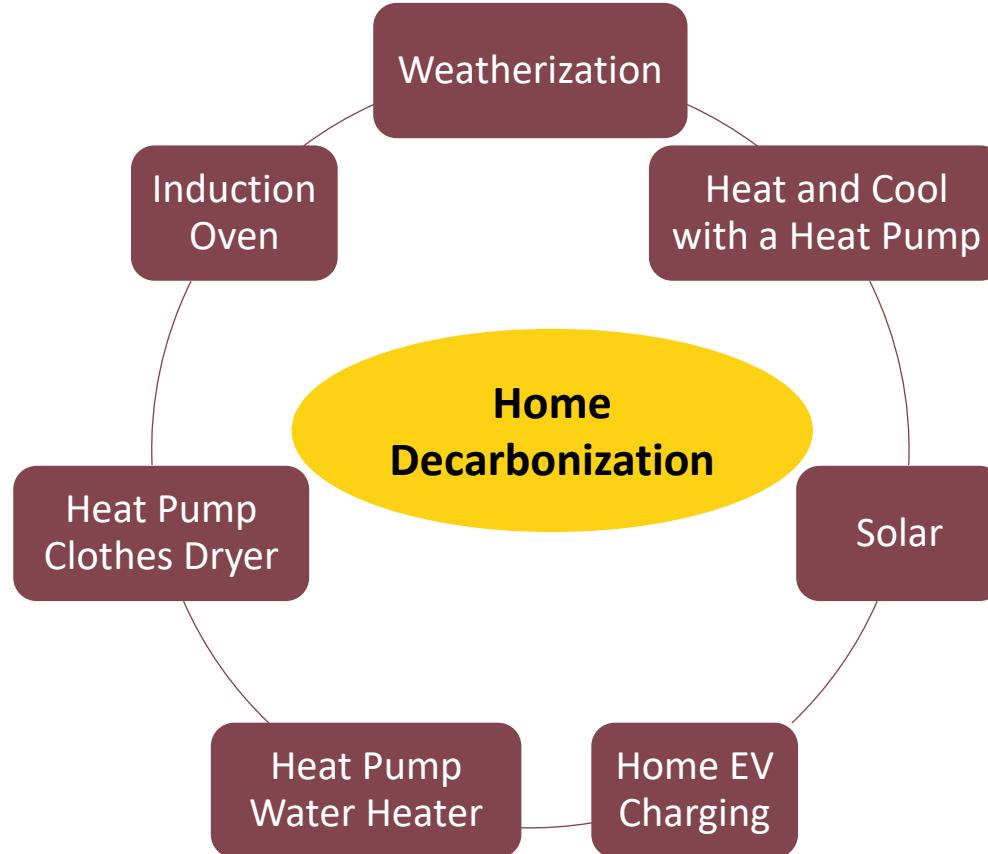
Energy Coach Program

Climate & Pizza Party

February 11, 2025

Benefits of Energy Coaching

1. Energy Coaches work to understand your home's **unique needs** based on home age, existing HVAC, current heating fuel, additions & renovations
2. **Plan ahead** for electrifying home systems *before they break*
3. Energy Coaches can help residents navigate and **prioritize** between a variety of projects



Energy Coaches can help...

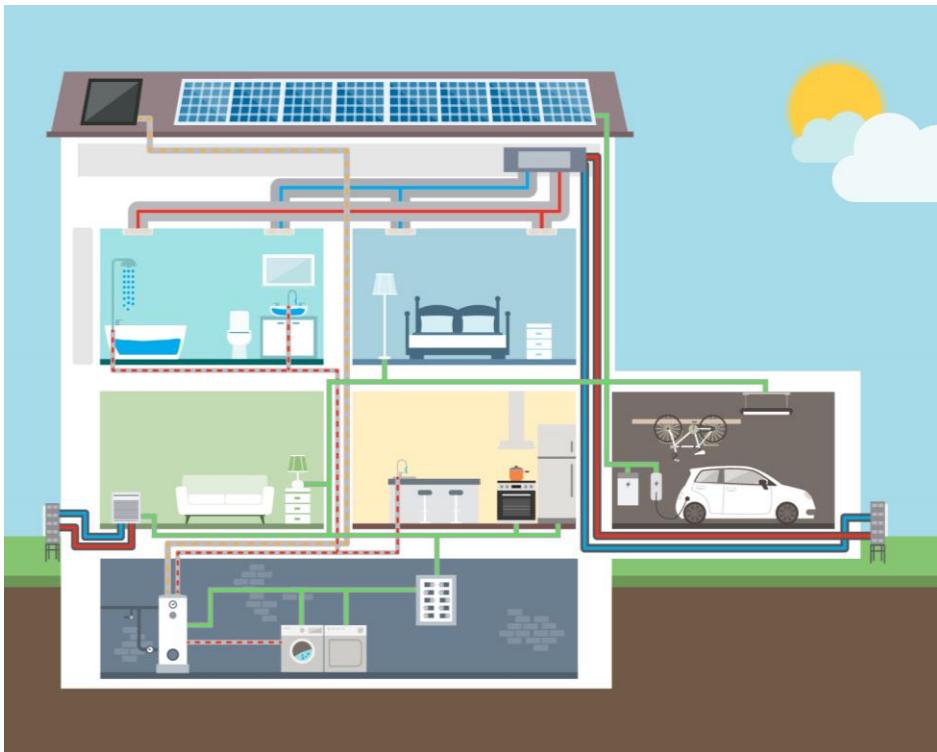


Image Source: MassCEC

1. Solicit, understand, and compare contractor bids

2. Answer questions

Is this heat pump model the right size for my house?

Do we need an electrical panel upgrade?

What's the best bang for my buck in home energy efficiency?

3. Access **financial incentives** for energy efficiency upgrades



Energy Coaches Are...

Up to date on the [rebates and incentives](#) landscape, for example:

- Up to \$10,000 heat pump rebate from the Wellesley Municipal Light Plant or MassSave
- Up to \$2,000 in federal tax credits
- [Energy Saver Home Loan Program](#) for households earning up to \$191,700

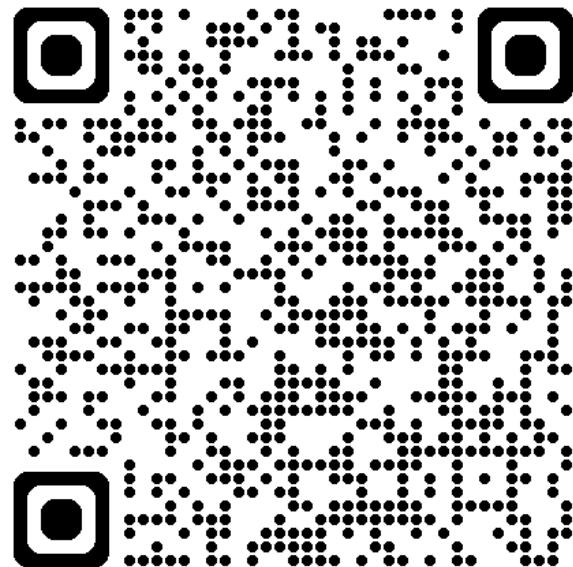
Where do I apply for the rebate?





Reach out!

Sign up for [Energy Coaching](#):



- Request tabling or a presentation at your community event
- Questions?
Contact Tess Ruderman at
EnergyCoach@wellesleyma.gov



Go Solar

Solar is right for the Town!

- Source of locally produced clean renewable energy which displaces GHG emissions from the Town's electric supply (and your home)

Is Solar right for you?

- **Save money:** costs offset by rebates, tax credits, and electric bill savings
- Do good for the **environment and health**; electrify using clean energy
- Increase the **value of your home**
- **Consider** roof age, condition, and orientation; shading; and doing home energy assessment and efficiency improvements
- **WMLP's Go Solar webpage**
 - Online tools to estimate costs, solar energy production, and potential energy savings; and get quotes
 - Interconnection process
 - WMLP rebate program (administered by Energy New England)
 - Net metering



Source: Sustainable Wellesley at
<https://www.sustainablewellesley.com/news/wellesleys-new-solar-rebate-program-is-icing-on-the-cake-to-state-federal-tax-credits>, July 3, 2024.

Wellesley Climate Action – Be part of it!

Sustainable Mobility

Sheila Page – Transportation and Mobility Manager
spage@wellesleyma.gov

What is Sustainable Mobility?

Transportation that is:

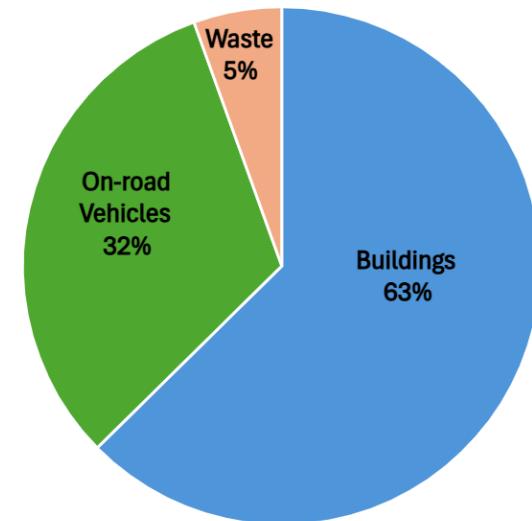
- Safe
- Time efficient
- Supports our economy
- Reduces fuel consumption and emissions
- Takes less space
- Enhances our quality of life



Why is it important?

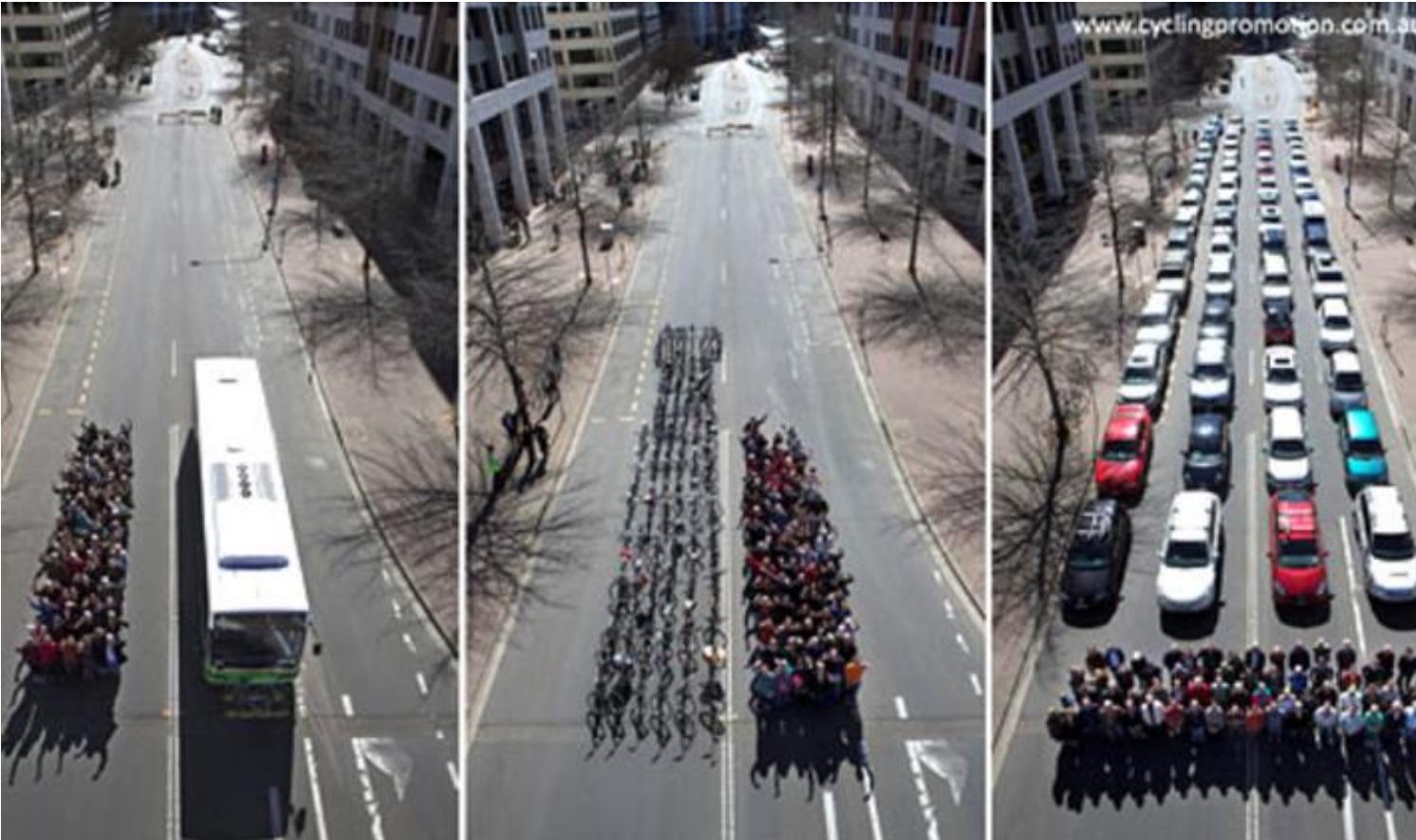
- 32% of Wellesley's greenhouse gas emissions comes from Transportation
 - Carbon dioxide, nitrous oxide, methane, fluorocarbons
- Pollution from vehicle emissions is harmful to our health and environment

Contribution to 2023 Total GHG Emissions (MTCO₂e)



Source: Town of Wellesley 2023

Why is it important?



Single occupancy vehicles (SOV's) take up a lot of space and resources.

Why is it important?

- 5,293,342 vehicles registered in MA
- 156,345,474 miles driven in 2024
- 29.5 average miles driven per day
- Traffic Congestion costs
 - Time
 - Fuel
 - Health impacts



What can you do? Change Our Culture

In 2024, there were 325 roadway fatalities in Massachusetts -- 87 were people not in vehicles

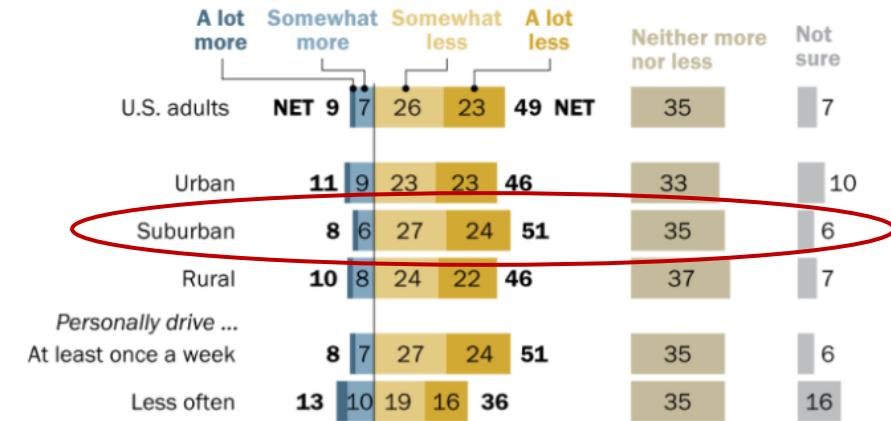
Drive Responsibly

- Drive the speed limit
- Obey “no right on red”
- Stop for people in crosswalks
- Be patient - resist road rage

Erratic driving is dangerous and discourages people to walk.

On balance, Americans say people in their area are driving less safely than they were before the pandemic

% who say that compared with five years ago, people in their local community are driving ___ safely



Note: Those who gave no response are not shown. “Personally drive less often” includes those who say they drive a few times a month, seldom or never.

Source: Survey of U.S. adults conducted Aug. 12-18, 2024.

PEW RESEARCH CENTER

What can you do? Change Our Culture

Put Down that Phone!

- Delays caused by distracted drivers unnecessarily increase emissions
- Distracted drivers killed 3,308 people in 2022



What can you do? Change Our Culture

Reduce Single Occupancy Vehicle Trips (SOV's)

- Choose to walk, bike or bus or carpool
- Riding the school bus is cool!



What can you do? Take Public Transportation



MBTA Commuter Rail

- Wellesley Square
- Wellesley Hills
- Wellesley Farms

MWRTA – Route 1 Bus Flag Down

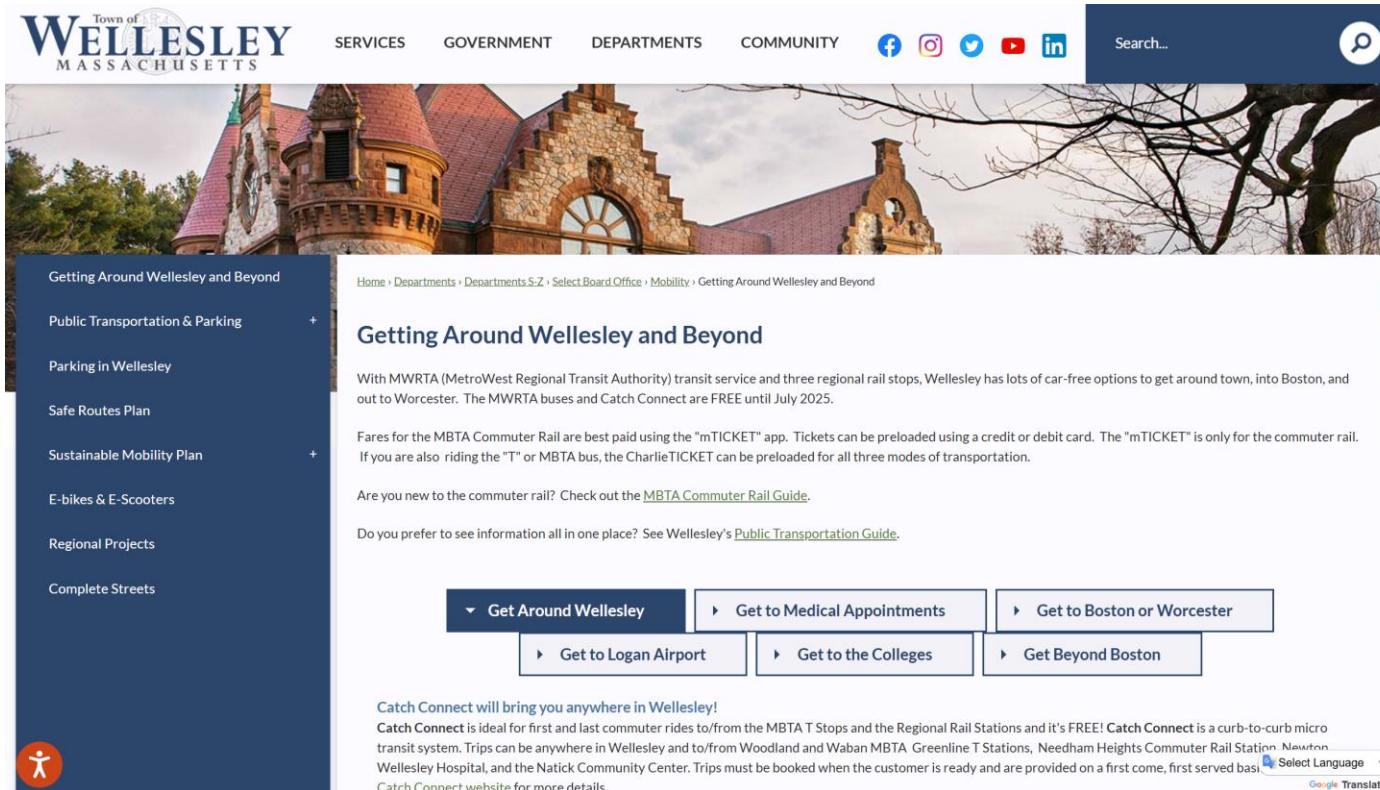


- Catch Connect
order through app or phone
first/last mile
Woodland T Station



MWRTA is Fare Free! Through June 30, 2025

What can you do? Take Public Transportation



The screenshot shows the official website of the Town of Wellesley, Massachusetts. The header features the town's logo and navigation links for SERVICES, GOVERNMENT, DEPARTMENTS, and COMMUNITY, along with social media icons for Facebook, Instagram, Twitter, YouTube, and LinkedIn. A search bar is also present. The main content area displays a large image of a historic stone building with a red roof and arched windows. Below the image, the page title is "Getting Around Wellesley and Beyond". The page content discusses the town's transportation options, including the MWRTA (MetroWest Regional Transit Authority) and the MBTA Commuter Rail. It also mentions the "mTICKET" app for fare payment. A sidebar on the left lists links for "Getting Around Wellesley and Beyond", "Public Transportation & Parking", "Parking in Wellesley", "Safe Routes Plan", "Sustainable Mobility Plan", "E-bikes & E-Scooters", "Regional Projects", and "Complete Streets". At the bottom, there is a "Catch Connect" section with a description of the service and a "Select Language" dropdown menu. A red circular icon with a white person symbol is located in the bottom left corner of the sidebar.

<https://www.wellesleyma.gov/2405/Getting-Around-Wellesley-and-Beyond>

What Can you Do? Drive an Electric Vehicle

- ZERO tail pipe emissions
- Financial incentives
- Electricity from renewable sources
- Generally lower fuel costs
- No more trips to the gas station
- Lower maintenance
 - Saves approx. \$5,000 in 8 yrs.
- Healthier local air quality
- Quieter
- Fun to drive
- Better acceleration
- Smoother handling



What Can you Do? Drive an Electric Vehicle

- Research
- Test drive
- Plan for charging
 - Trickle charging is often sufficient
- Incentives



What Can you Do? Drive an Electric Vehicle

- State Mor-EV program
 - New and used cars: up to \$3,500
 - +\$1,500 if income qualified
 - New EV trucks: up to \$7,500
 - Trade-in fossil fuel vehicle for EV: \$1,000
- Federal tax credit
 - New: up to \$7,500
 - Used: 30% of sale price, up to \$4,000
- Bring Your Own Charger (BYOC) Program
 - \$8/month of electricity bill
- \$250 MLP charger rebate



What Can you Do? Leading By Example

- 15 all-electric vehicles
 - 11 DPW
 - 2 MLP
 - 1 Police
 - 1 Library
- 1 plug in hybrid - DPW
- 17 hybrids
 - 7 DPW
 - 1 MLP
 - 8 Police
 - 1 Fire



What Can you Do? Advocate

- Use public transportation
- Support projects, laws and regulations that prioritize alternative modes
- Mini-high success

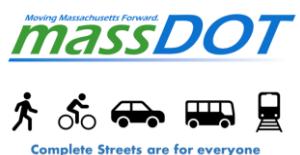


What Can you Do?

Participate

Complete Streets make travel safe, comfortable, convenient, and accessible for people of all ages, abilities, and travel modes.

- Complete Streets Prioritization Plan
Identify and prioritize
Provide input: <https://arcg.is/K9LXX0>
- Try shifting your travel mode for
May - Mobility Month



Thank You!

Sources:

[Texas A&M Transportation Institute](#)
[MVC Massachusetts Vehicle Census](#)
[MassDOT Crash Portal – Impact](#)
[Mass 2023 Strategic Highway Safety Plan](#)

[National Highway Traffic Safety Administration](#)
[Pew Research Center](#)
[AAA – Foundation for Traffic Safety](#)
[Environmental Effects of Driver Distraction at Traffic Lights: Mobile Phone Use \(2023\) Alemdar, Codur, Codur, Uysal](#)

Wellesley Recycling & Disposal Facility (RDF)

169 Great Plain Ave Wellesley

Transfer Station – MRF (Material Recovery Facility)

13,500 Tons of material processed annually

7,000 Tons MSW

6,500 Tons Diverted for Recycling

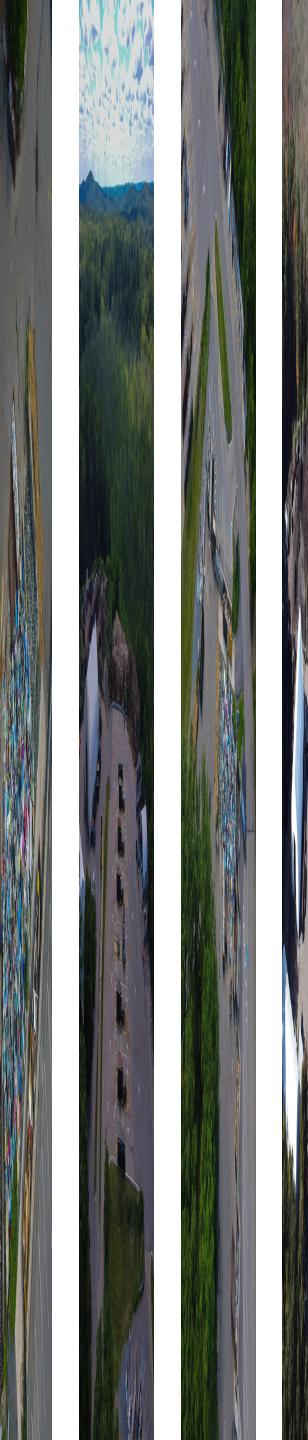












Wellesley Recycling & Disposal Facility (RDF)

169 Great Plain Ave Wellesley

Transfer Station – MRF (Material Recovery Facility)

13,500 Tons of material processed annually

7,000 Tons MSW

6,500 Tons Diverted for Recycling





NATURAL RESOURCES & SUSTAINABLE LANDSCAPES



Climate Action Plan: Natural Resources

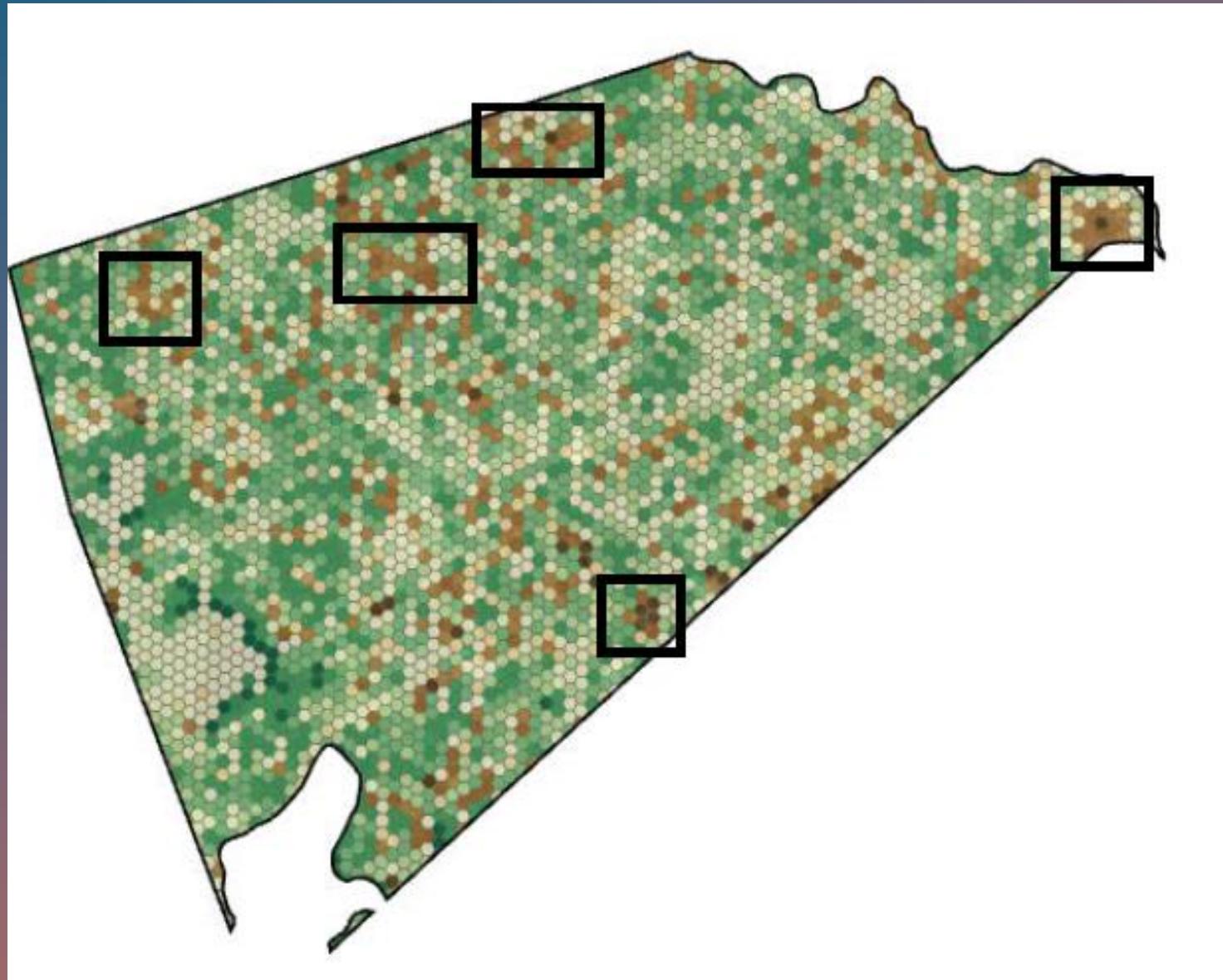
- Develop a program to maintain and improve the tree canopy.
- Strengthen the Tree Preservation Bylaw and community education about the Bylaw.
- Provide educational programming for residents, businesses, and institutions to promote the protection of biodiversity and electrification of landscaping equipment
- Identify opportunities to protect, create, expand, and connect wetlands

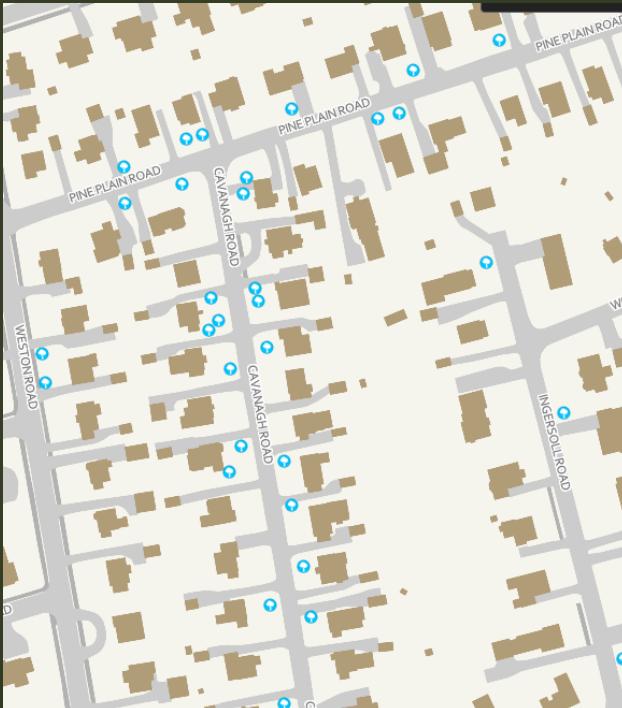
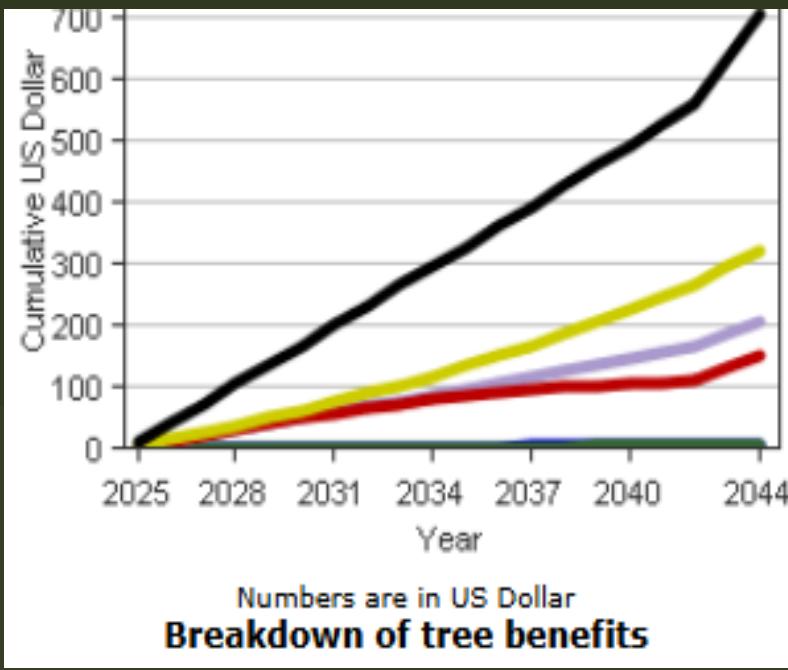
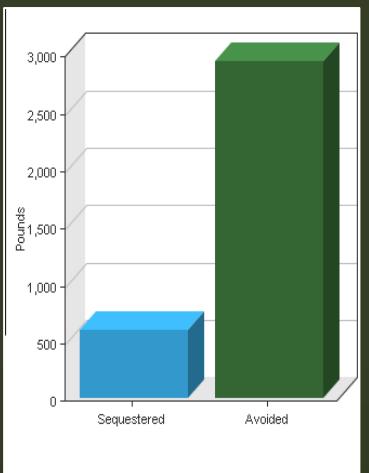




Plant Trees

- Help us grow/maintain the tree canopy
- Plant smart with iTree
- Let the Town plant a tree for you!





My Tree Benefits

Over 20 years.



Sugar maple, (*Acer saccharum*)

Serving Size: 24.00 in. diameter

Condition: Excellent

Expected over 20 years: \$943.60

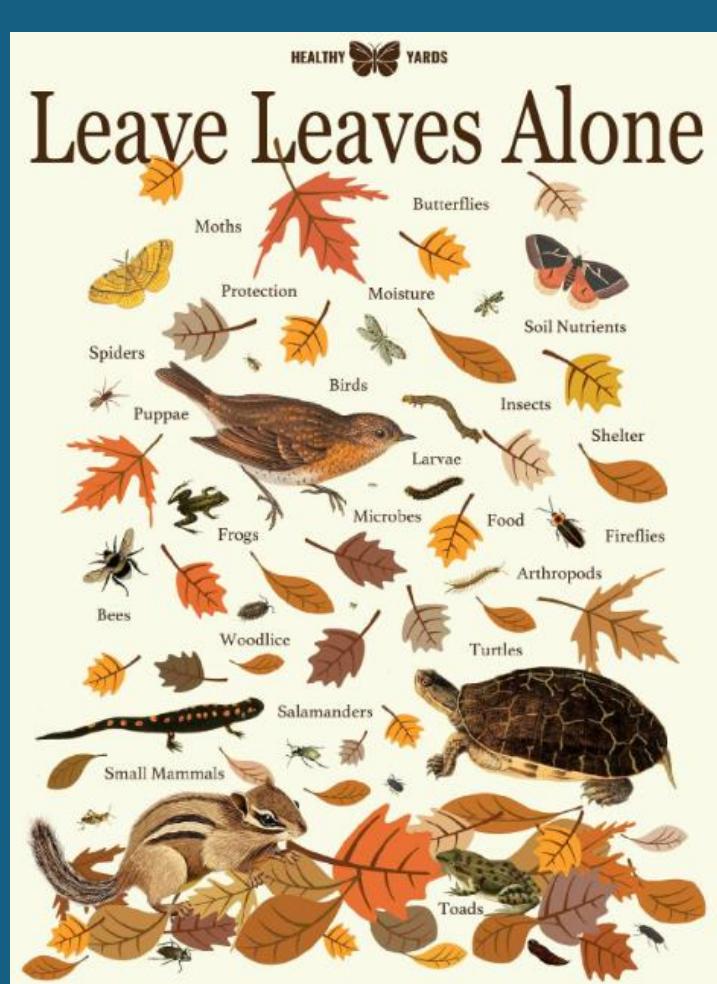
Discover benefits of all your [community trees!](#)

Carbon Dioxide Uptake	\$118.01
Carbon Sequestered ¹	1,383.83 lbs
CO ₂ Equivalent ²	5,074.04 lbs
Storm Water Mitigation	\$45.23
Runoff Avoided	5,061.13 gal
Rainfall Intercepted	27,825.87 gal
Air Pollution Removal	\$27.03
Carbon Monoxide	3.76 oz
Ozone	279.37 oz
Nitrogen Dioxide	14.67 oz
Sulfur Dioxide	5.53 oz
PM _{2.5}	4.79 oz
Energy Usage ³	\$654.47
Electricity Savings	2,318.31 kWh
Heating Fuel Savings	8.38 MMBtu



Landscaping⁺ Sustainably

- Leave the leaves, no mow may. pesticide free
- Native pollinator kits & lawn conversion
- Electrification



UMassAmherst

Extension Soil & Plant Nutrient Testing Laboratory

Paige Laboratory, Room 120
161 Holdsworth Way
Amherst, MA 01003



soiltest@umass.edu
soiltest.umass.edu

USE THIS FORM FOR ROUTINE SOIL ANALYSIS – HOME GROUNDS AND GARDENS

Visit our website to download a copy of [Sampling Instructions for Routine Soil Analysis](#), which includes a description of routine and optional soil tests offered. Send your sample(s), completed submission form and payment to the address listed above. If you hand-deliver your sample, samples cannot be dropped off inside the lab; a gray drop box is mounted on the building exterior. **Please make checks payable to "UMass".**

Main Contact	Send Copy to	Method of Receiving Results
Name:	Name:	
Business Name:	Business Name:	<input type="checkbox"/> US Mail (Please include \$2 per order for postage & handling)
Street Address:	Street Address:	<input type="checkbox"/> Email
City, State, Zip	City, State, Zip:	
Phone:	Phone:	
Email Address:	Email Address:	

LAB # (Leave blank)	Sample ID (You create this)	Sample (Sq. ft. or Acres)	Approx. area Represented by Crop Code, limit of 3 (See reverse side of this form)	Routine Analysis (\$20.00)			
				Organic Matter (\$6.00)	Soluble Salts (\$6.00)	Nitrate (\$8.00)	
				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Routine Soil Analysis for
Lawn Maintenance: \$20



At-Risk Pollinators Supported by this Project

BEES:

Andrena barbilabris
Andrena bisalicis
Andrena brevipalpis
Andrena canadensis
Andrena distans
Andrena erigeniae
Andrena erythrogaster
Andrena forbesii
Andrena geranii
Andrena imitatrix
Andrena integra
Andrena miserabilis
Andrena nubecula
Andrena placata
Andrena sigmundi
Andrena w-scripta
Bombus fervidus
Bombus vagans
Coelioxys modestus
Coelioxys octodontatus
Coelioxys rufitarsis
Colletes compactus
Colletes validus
Epeorus scutellaris
Lasioglossum cinctipes
Lasioglossum heterognathum
Lasioglossum imitatum
Lasioglossum leucocomum
Lasioglossum perpunctatum
Lasioglossum pilosum
Lasioglossum quebecense
Lasioglossum truncatum
Macropis cincta
Macropis nuda
Megachile brevis
Megachile frigida
Megachile laevimanus
Megachile melanophaea
Megachile montivaga

Bearded Miner Bee
Eastern Willow Miner Bee
Short-tongued Miner Bee
Canada Miner Bee
Distant Miner Bee
Spring Beauty Miner Bee
Red-bellied Miner Bee
Forbes's Miner Bee
Geranium Miner Bee
Imitator Miner Bee
Intact Miner Bee
Smooth-faced Miner Bee
Cloudy-winged Miner Bee
Peaceful Miner Bee
Sigmund's Miner Bee
W-marked Miner Bee
Golden northern bumble bee
Half-black bumble bee
Northeastern Cuckoo Leafcutter Bee
Eight-toothed Cuckoo Leafcutter Bee
Red-legged Cuckoo Leafcutter Bee
Aster Cellophane Bee
Blueberry Cellophane Bee
Red-chested Cuckoo Nomad Bee
Band-floated Sweat Bee
Wide-mouthed Sweat Bee
Bristle Sweat Bee
White-haired Golden Sweat Bee
Densely Punctured Sweat Bee
Hairy Sweat Bee
Quebec Sweat Bee
Truncate Sweat Bee
Fringed Loosetrife Oil-collecting Bee
Common Loosetrife Oil Bee
Little Leaf-cutter Bee
Frigid Leaf-cutter Bee
Broad-handed Leaf-cutter Bee
Black-and-gray Leaf-cutter Bee
Silver-tailed Petal-cutter Bee

Megachile relativa
Melissodes drunellus
Nomada bella
Nomada depressa
Osmia atriventris
Osmia lignaria

BUTTERFLIES:

Acadian Hairstreak
American Lady
Banded Hairstreak
Clouded Sulphur
Cobweb Skipper
Common Ringlet
Common Sootywing
Common Wood-nymph
Compton Tortoiseshell
Crossline Skipper
Delaware Skipper
Dreamy Duskywing
Dusted Skipper
Eastern Pine Elfin
Edwards' Hairstreak
Eyed Brown
Frosted Elfin
Henry's Elfin
Hobomok Skipper
Juniper Hairstreak
Junonia's Duskywing
Least Skipper
Little Wood Satyr
Long Dash
Meadow Fritillary
Mourning Cloak
Oak Hairstreak
Peck's Skipper
Pepper and Salt Skipper
Question Mark
Sleepy Duskywing

SUBMIT YOUR OBSERVATIONS
TO SIMONS PARK
TO BEECOLOGY



Habit to Habitat

PHASE 1 DESIGN AREAS

UPLAND MEADOW SEED MIX

LATIN NAME	COMMON NAME
<i>Agastache scrophulariifolia</i>	Purple giant hyssop
<i>Andropogon gerardii</i>	Big bluestem
<i>Acericecis incana</i>	Swamp milkweed
<i>Achillea millefolium</i>	Common milkweed
<i>Achillea tuberosa</i>	Butterfly milkweed
<i>Astragalus canadensis</i>	Canada milkweed
<i>Baptisia tinctoria</i>	Yellow wild indigo
<i>Blephilia ciliata</i>	Downy wood mint
<i>Blephilia hirsuta</i>	Hairy wood mint
<i>Chamomilla recutita</i>	feverfew
<i>Cirsium discolor</i>	field thistle
<i>Cirsium heterophyllum</i>	Shiny leaf thistle
<i>Eutrochium fistulosum</i>	Hollow Joe-Pye weed
<i>Eutrochium purpureum</i>	Purple Joe-Pye weed
<i>Hypericum punctatum</i>	Spotted St. John's-wort
<i>Lupinus perennis</i>	Wild lupine
<i>Monarda didyma</i>	Scarlet bee balm
<i>Miranda laevis</i>	Wild bergamot
<i>Panicum virgatum</i>	Switchgrass
<i>Pedicularis canadensis</i>	Wood betony
<i>Pentstemon digitalis</i>	Fringeflower beardtongue
<i>Pentstemon secundiflorus</i>	Northwestern beardtongue
<i>Prunella vulgaris</i> ssp. <i>lanceolata</i>	Common selfheal
<i>Schizachyrium scoparium</i>	Little bluestem
<i>Solidago juncea</i>	Early goldenrod
<i>Solidago odora</i>	Sweet goldenrod
<i>Solidago speciosa</i>	Shiny goldenrod
<i>Spiraea alba</i>	White meadowsweet
<i>Spiraea tomentosa</i>	Snowbush
<i>Symphoricarpos albus</i>	Calico aster
<i>Tridens flavus</i>	Purpletop
<i>Zizia aurea</i>	Meadow goldenrod
<i>Zizia aurea</i>	Golden Alexander

PART-SHADE MEADOW SEED MIX

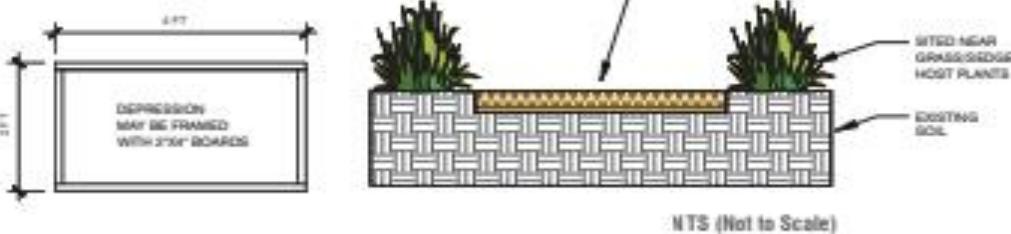
Latin Name	Common Name
<i>Andropogon gerardii</i>	Big bluestem
<i>Aponogeton anachoretum</i>	Spreading dogbane
<i>Aponogeton concolor</i>	Hemp dogbane
<i>Asclepia incarnata</i>	Swamp milkweed
<i>Astragalus canadensis</i>	Canada milkvetch
<i>Blephilia hirsutissima</i>	Hairy wood aster
<i>Carex blanda</i>	Common wood sedge
<i>Carex bromoides</i>	Rainbow sedge
<i>Carex sprengelii</i>	Long-backed sedge
<i>Eutrochium fistulosum</i>	Hollow Joe-Pye weed
<i>Eutrochium purpureum</i>	Purple Joe-Pye weed
<i>Hypoxis punctata</i>	Spotted St. John's-wort
<i>Impatiens capensis</i>	Jewelweed
<i>Iris pseudacorus</i>	Fringed yellow loosestrife
<i>Medicago canadensis</i>	Wood lucerne
<i>Menyanthes trifoliata</i>	Knotroot beardling
<i>Penstemon laevigatus</i>	Northwestern beardtongue
<i>Prunella vulgaris</i> subsp. <i>lanceolata</i>	Common selfheal
<i>Solidago juncea</i>	Early goldenrod
<i>Symphoricarpos albus</i>	Calico aster
<i>Zizaniopsis miliacea</i>	Meadow zizania
<i>Zizaniopsis miliacea</i>	Golden Alexander

BEE + BUTTERFLY LAWN PLANTINGS

LATIN NAME	COMMON NAME
<i>Bistorta ciliata</i>	Downy wood mint
<i>Carex brevior</i> +	Plain oval sedge
<i>Carex pensylvanica</i>	Pennsylvania sedge
<i>Dianthion spicata</i> +	Poverty oat grass
<i>Luzula tenuis</i> +	Patch sedge
<i>Pedicularis ionantha</i>	Wood buttercup
<i>Ranunculus vulgaris</i> ssp. <i>lanceolata</i> +	Common buttercup
<i>Viola palustris</i>	Smooth white violet
<i>Viola pedata</i>	Big's foot violet
<i>Viola striata</i> +	Spiped cream violet

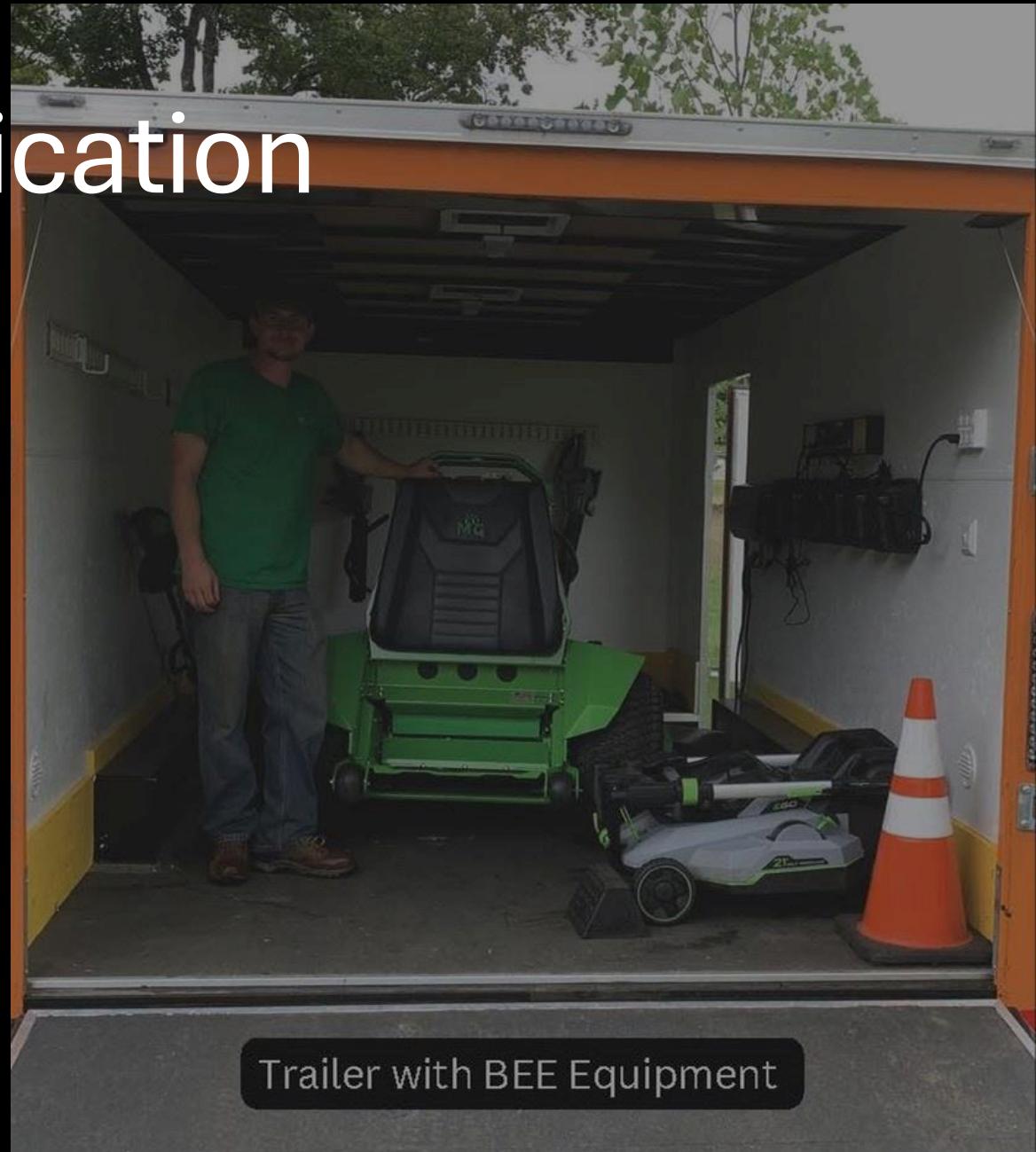
⁴To the direct mode

BEE NESTING STRIP*
{2 FT. X 4 FT.}



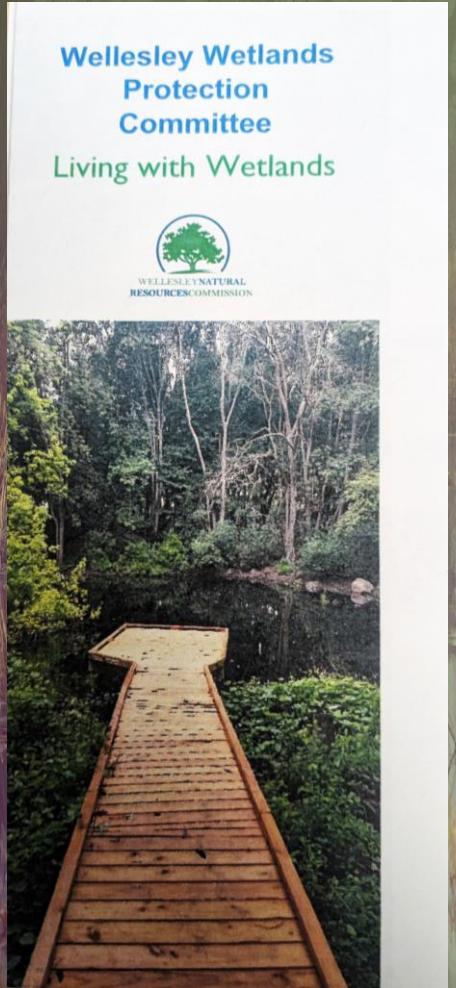
*Box nesting strips can be installed alongside paths, in meadows, or anywhere with sunny, well draining soil.

Electrification



Trailer with BEE Equipment

Wetlands

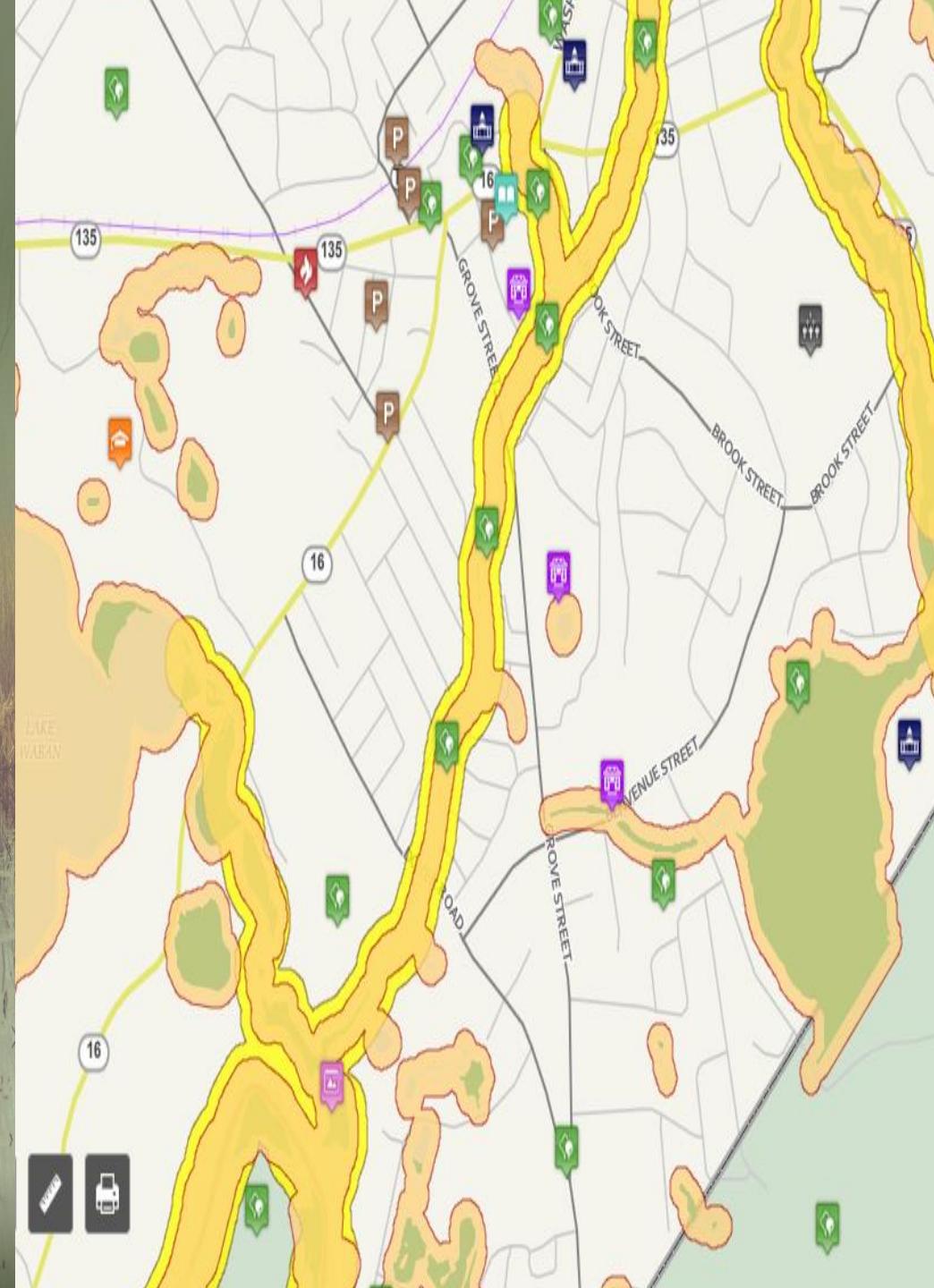


Wellesley Wetlands
Protection
Committee

Living with Wetlands



WELLESLEY NATURAL
RESOURCE COMMISSION



Wetlands: 254 acres

Water Bodies: 355 acres

Length of Streams: 8.5
miles

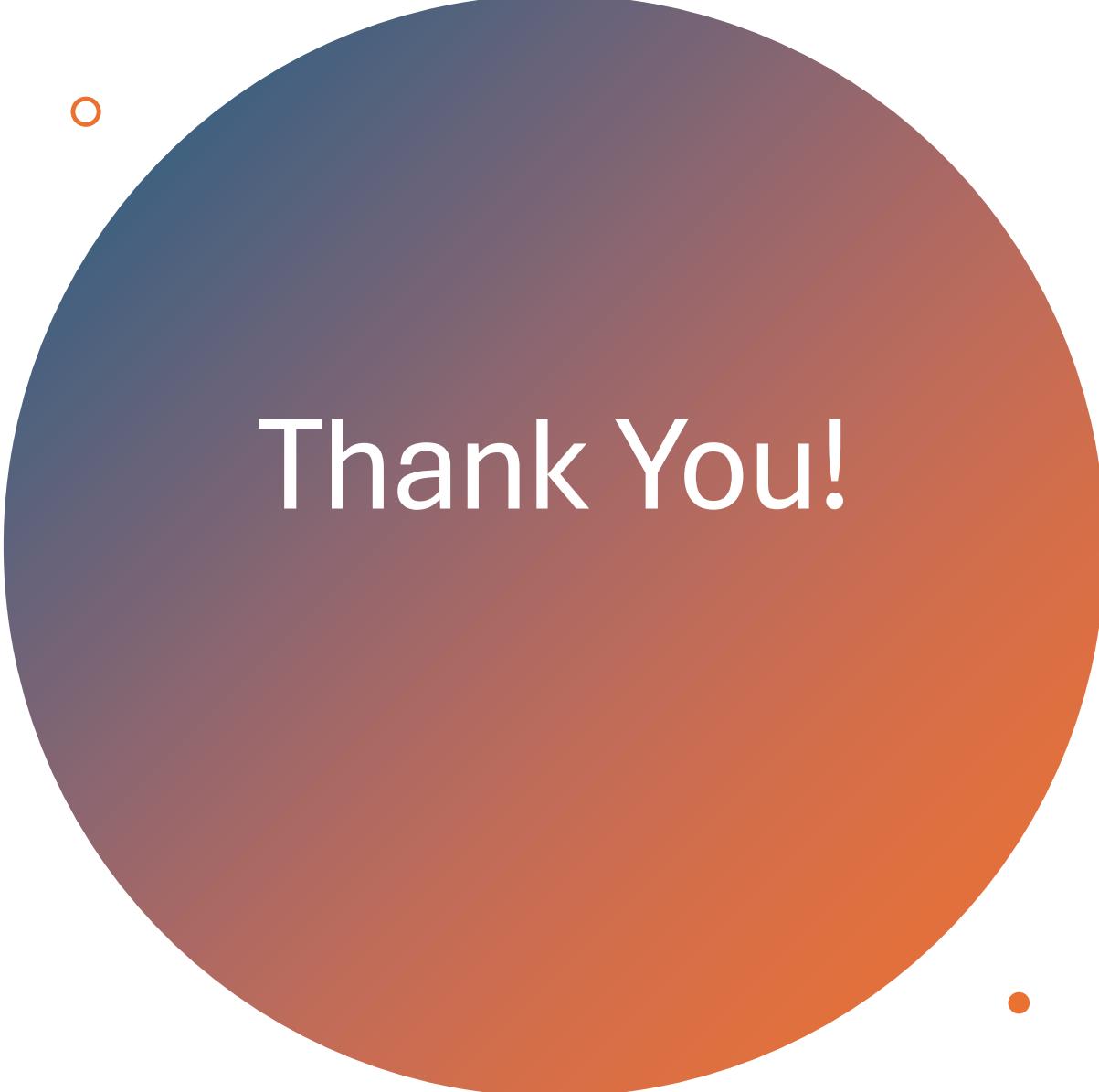
Wetland Buffer: 1,535
acres

Riverfront Area: 736
acres

A photograph of a sunflower field under a blue sky with white clouds. In the foreground, there is a patch of purple lavender. Several wooden beehives of various colors (white, red, blue, green, yellow) are arranged in a row. The sunflowers are in full bloom, creating a vibrant yellow field.

Other ideas

- Rain Barrels
- Composting
- BYOB



Thank You!

- Call/Email Us
- nrc@wellesleyma.gov
- 781-431-1019 x2298
- Sign Up for our newsletter

Next Steps

- Take climate action at home
- Sign up for Climate Action News
- Tell your friends
- Come to future events
- Connect us with your neighborhood
- Invite us to speak to your garden club, place of worship, service organization, or business
- Volunteer with us
- Run for office



WELLESLEY CLIMATE ACTION



BE PART OF IT

Thank you!



WELLESLEY CLIMATE ACTION



BE PART OF IT

<https://wellesleyma.gov/1505/Be-Part-of-It>

ClimateAction@wellesleyma.gov