Town of Cohasset Massachusetts

FINAL

Meeting Minutes
Alternative Energy Committee

TIME: Thursday, June 26, 2023, 3:00 pm (Special Meeting)

PLACE: Town of Cohasset Zoom Meeting

ATTENDEES:

Committee Members
Debbie Cook
Chris Oddleifson
Josh Staunton
Steve Wenner

Excused Absences
Tanya Bodell (Chair)

Guests
Julie Curti - Director, Clean Energy, MAPC
Francelis Morillo Suarez – Planner, MAPC

Unexcused Absences

Town Staff
Montanna Cassel

1) CALL TO ORDER AND INTRODUCTIONS

The meeting was officially called to order at 3:02pm.

2) MEETING MINUTES

No meeting minutes were reviewed.

3) DISCUSSION ON MAPC GREENHOUSE GAS EMISSIONS INVENTORY– Julie Curti, Director, Clean Energy and Francelis Morillo Suarez, Planner, MAPC

Julie Curti said that MAPC completed the baseline Greenhouse Gas Emissions Inventory for Cohasset in 2017, which the Town received in 2021. It is an Excel-based tool that allows towns to update it. She said that MAPC also offered other tools, including a step-by-step guide in updating the plan and the Net Zero Playbook that offers resources and guidance to help towns work toward reducing their greenhouse gas emissions.

Francelis gave a presentation summarizing MAPC's findings.

https://docs.google.com/presentation/d/1jPiYSq0EdVs8Y9WJmW3yJVrkughwlUza/edit?pli=1#slide=id.p1.

She said the Town emitted 77,421 metric tons of CO2 in 2017, with approximately 70% of GHG emissions being generated by residential buildings. Four percent was generated by municipal operations, and she noted that each resident generated approximately 9.1 tons of CO2.

Julie said that the new MA Stretch code could have the biggest impact in Cohasset to reduce greenhouse gases, and scaling up participation in our municipal electric aggregation program could also make a difference. She advocated for Cohasset to do an educational outreach program, which could offer a 'big bang for the buck.'

Steve asked whether MAPC could update the Cohasset GHG Inventory. They indicated that they do not have any budget to do so, but would support the Town any way they could if the Town were to proceed with updating it themselves.

ADJOURNMENT
The meeting adjourned at 3:54.

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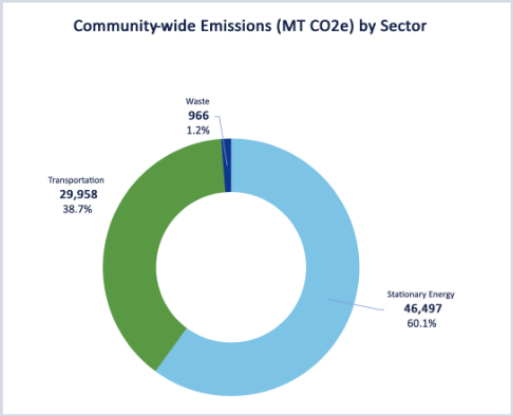
ATTACHMENT A
MAPC PRESENTATION ON GHG INVENTORY

Cohasset 2017 Greenhouse Gas Emissions (GHG) Inventory

Meeting Agenda

- Overview of Report Charts
  - Community-Wide Emissions
  - Building Energy Emissions
  - Graph with Municipal Emissions Disaggregated
  - Infographics
- GHG Tool Tabs Overview
- Important Notes on the Data

Community-Wide Emissions



Overview of Community-wide Emissions

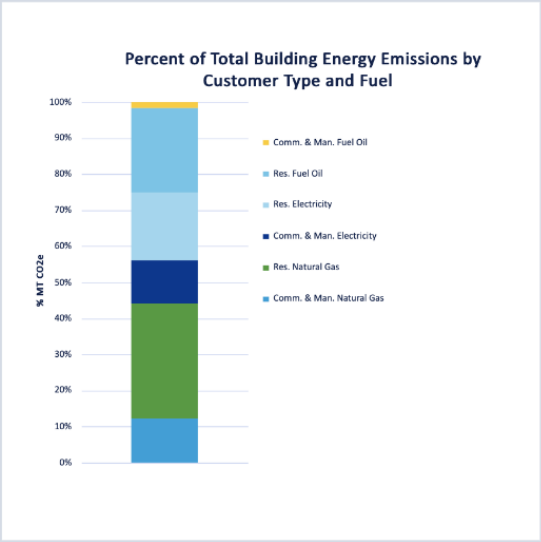
Stationary Energy:
- Residential, commercial, industrial & manufacturing buildings
- Equipment – boilers, generators, equipment for construction and landscaping activities

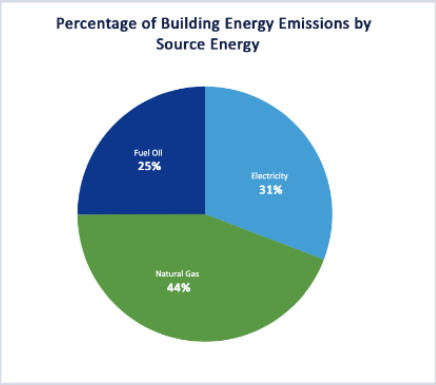
Transportation:
- On-road vehicles – passenger and commercial trips taken within community boundary
- Trips of public light and heavy railways within community boundary

Waste:
- Municipal solid waste disposed in/by landfills, incineration, composting, and anaerobic digestion
- Process and fugitive emissions from treating wastewater

77,421 MT CO_2e
Cohasset's total GHG emissions in 2017

Building Energy Emissions

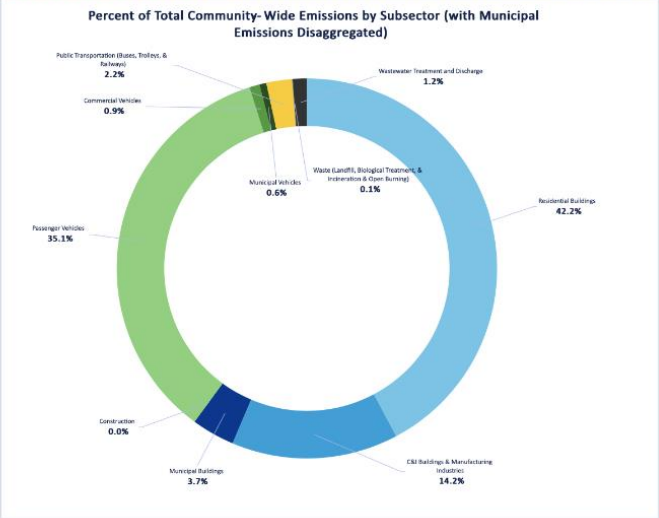




Approximately 70% of total stationary energy's emissions came from residential buildings. The majority of residential buildings' emissions came from natural gas, followed by fuel oil and electricity.

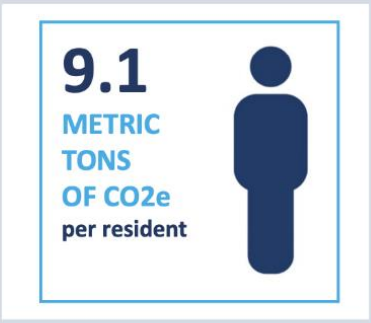
Town of Cohasset Massachusetts

Community-Wide Emissions – Municipal Emissions Disaggregated

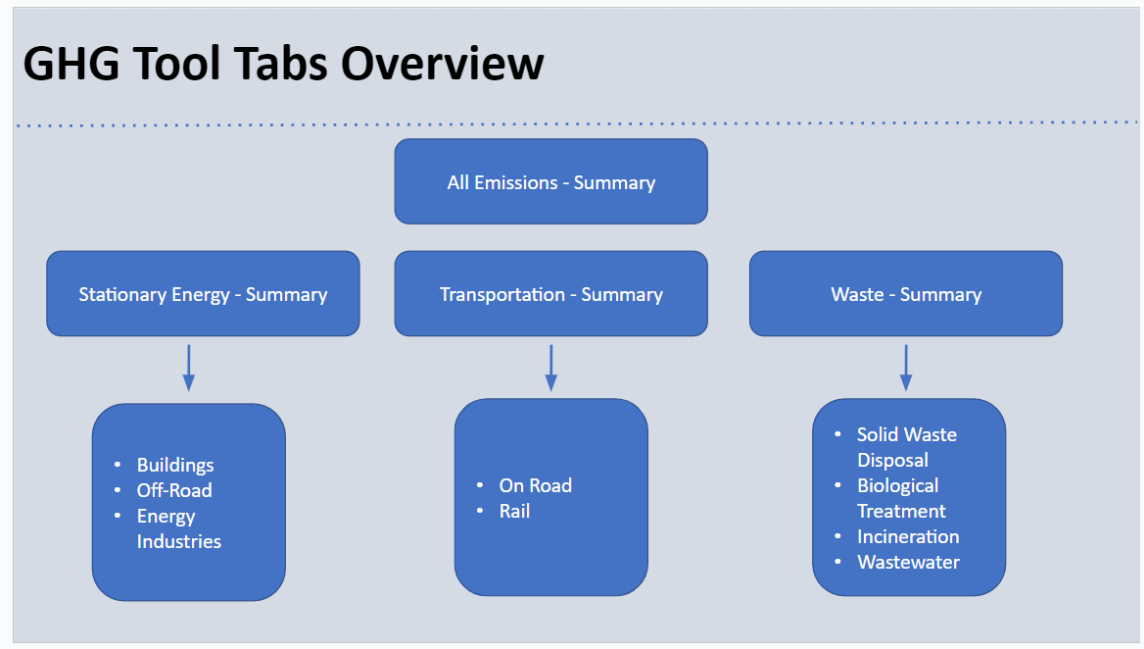


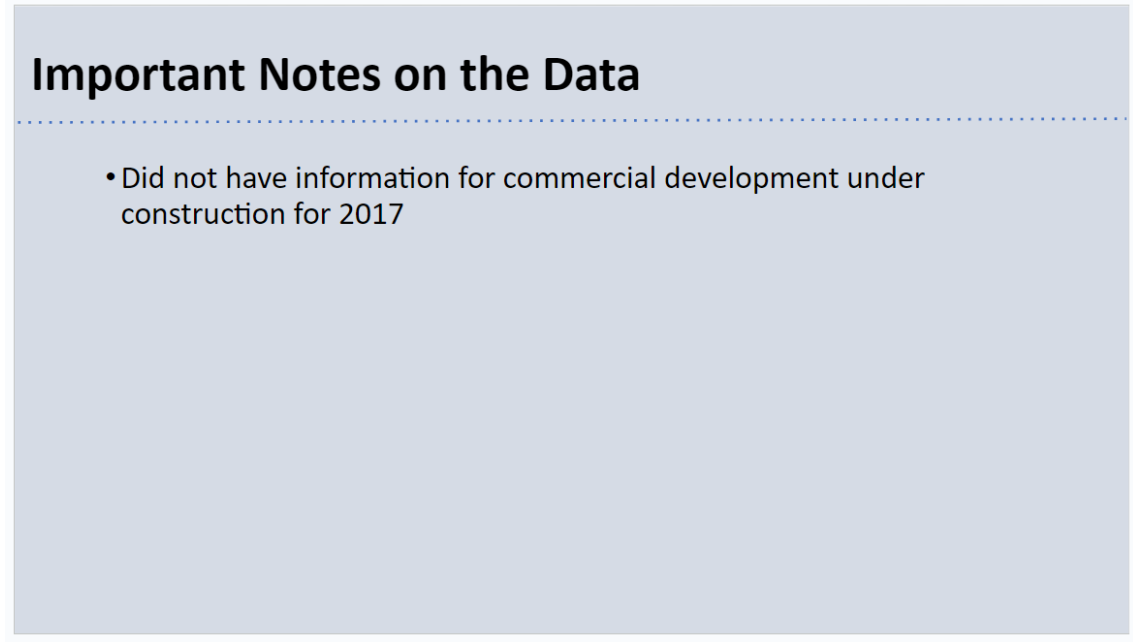
- Municipal facilities and activities are more than 4% of total emissions.
- **Passenger vehicles** and **residential buildings** account for majority of City's emissions.

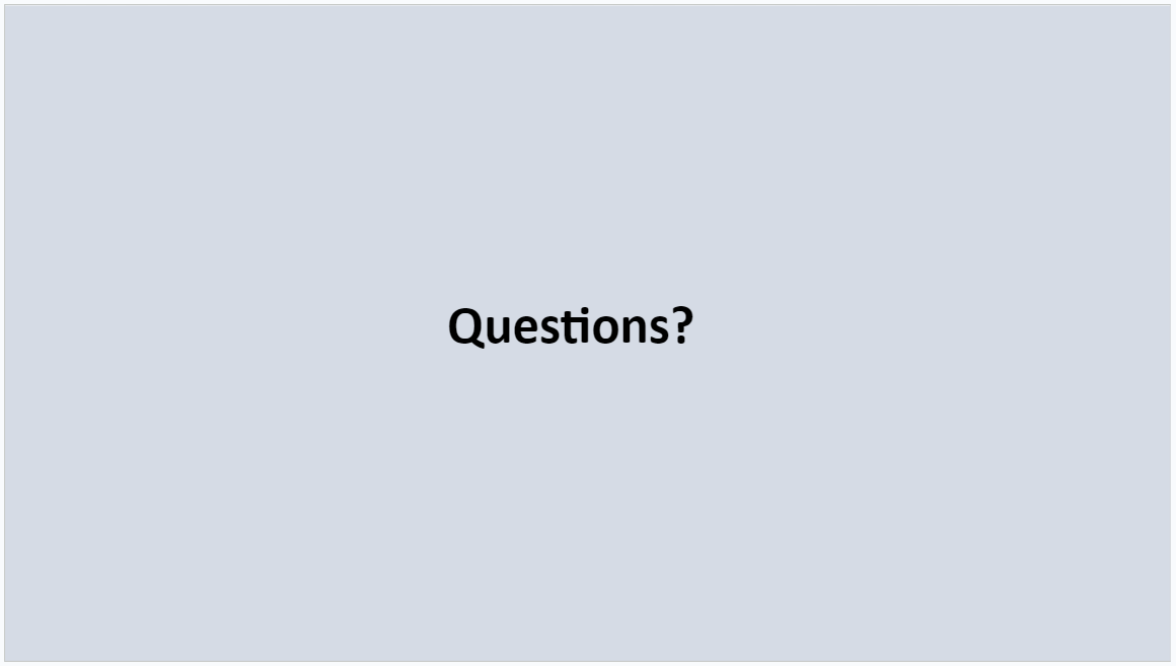
Infographics



* The emissions per person number is approximate, as this is just the total Cohasset's emissions (including commercial emissions), divided by Cohasset's population in 2017 (8,511).


GHG Tool Tabs Overview
All Emissions - Summary
Stationary Energy - Summary
Transportation - Summary
Waste - Summary
Buildings
Off-Road
Energy Industries
On Road
Rail
Solid Waste Disposal
Biological Treatment
Incineration
Wastewater


Important Notes on the Data
Did not have information for commercial development under construction for 2017


Questions?