

MONROE COUNTY



Climate Action Plan

**Phase II.
Community-wide
CAP**

PUBLIC WORKSHOP #2

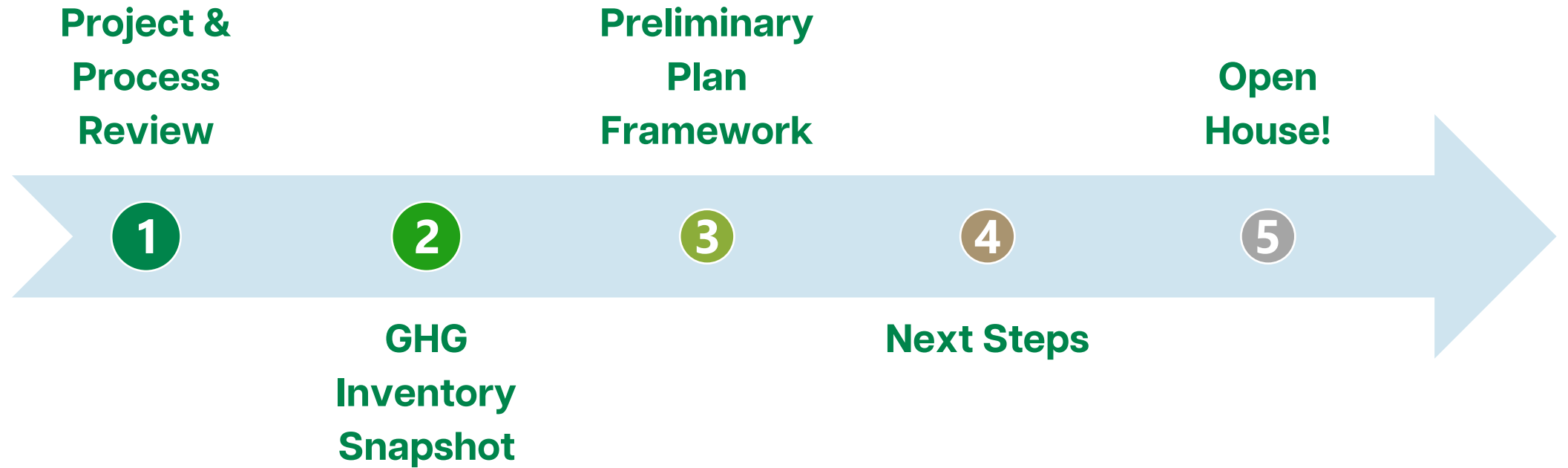
July 25, 2023



ARCHITECTS ENGINEERS PLANNERS

Bergmann has joined Colliers Engineering & Design

AGENDA





MONROE COUNTY



Climate Action Plan

1. PROJECT & PROCESS REVIEW

PROJECT INTRODUCTION

The Climate Action Plan will develop effective actions for **community-wide** climate mitigation, climate adaptation initiatives, and alignment towards the Climate Smart Communities Program. The Plan will aim to minimize emissions of Greenhouse Gases (GHGs), advance NYS policy goals, such as energy efficiency and conservation, renewable energy, waste reduction and recycling, and support smart and sustainable economic growth. **This Plan will be completed in 2 Phases.**



ADVISORY COMMITTEE

Matthew O'Connor, Co-Chair, Citizen Appointment

Hon. Michael Yudelson, Co-Chair, Legislator
Appointment

Hon. Richard B. Milne, Legislator Appointment

Hon. Sean M. Delehanty, Legislator Appointment

John Botelho, Citizen Appointment

Akilah Skerrette-Banister, Citizen Appointment

Kathryn Walker, Citizen Appointment

Alden Smith, Student Appointment

Anna Yatteau, Student Appointment

Lola D'Ascentiis, Student Appointment

Madison Quinn, Secretary

Michael Garland, DES Director

COUNTY INTERNAL WORKING GROUP

Clement Chung, DES Deputy Director

Joseph Vankerkhove, DES

Patrick Gooch, Planning & Development

Madison Quinn, Sustainability Coordinator

CONSULTANT TEAM

BERGMANN

Molly Gaudioso, Project Manager

John Steinmetz, Planning Principal

Tom Robinson, Landscape Architect

Hanna Quigley, Landscape Designer

Kiernan Playford, Planner

ANCHOR QEA

Lena DeSantis, Senior Managing
Environmental Planner

Emily Manuel, Environmental Database Analyst

Josh Bartlett, Air Quality & GHG Specialist

PHASE 1 TO PHASE 2

Phase 1. County Operations

- Started May 2020; Adopted Sept 2022
- Focus is on GHG emissions from **County-owned facilities, infrastructure, and operations**
- Includes goals and actions county has direct control over
- First step for County to be a leader and example for climate action in our region

Phase 2. Community-Wide

- Anticipate adoption by end of 2023
- Focus broadened to GHG emission **sources throughout the county** – housing, private industry operations, transportation infrastructure, etc.
- Includes more community outreach and engagement with implementation partners
- Intended to serve as a community guide and resource

2023 TIMELINE



Pop-Up Events
Ongoing



Project Website
Ongoing Updates &
Activities

Jan - Mar

KICK-OFF

- Advisory Committee Meetings
- Public Workshop #1 & Ideas Wall
- Stakeholder Meetings



Mar - May

CASE STUDIES & COMMUNITY CONNECTIONS

- Advisory Committee Meetings
- Stakeholder Meetings
- Virtual Community Engagement



Jun - Aug

GHG EMISSIONS REPORT, GOAL & STRATEGY DEVELOPMENT

- Advisory Committee Meetings
- Public Workshop #2 & Online Survey
- Stakeholder Meetings



Sept - Nov

DRAFT CAP

- Advisory Committee Meetings
- Public Workshop #3
- Virtual Community Engagement



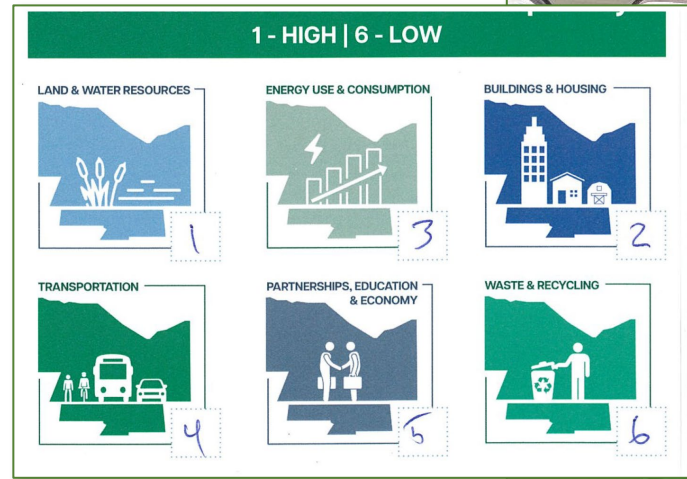
Nov - Dec

FINAL CAP

- County Legislature Adoption

OUTREACH TO DATE...

- Public Workshop #1 (March)
- Ideas Wall
- 10+ pop-up events
- 40+ stakeholder group connections
- 235+ email subscribers
- 10+ email comments



CLIMATE ACTION IN MONROE COUNTY MEANS...

Walkable Communities, electrified buildings that are energy efficient, keeping food out of landfills, economic opportunities for disadvantaged communities, preparing for climate migration

CLIMATE ACTION IN MONROE COUNTY MEANS...

Sustainable solutions that everyone can access

Safe, connected public transportation
affordable, local food systems
less carbon dependent housing/
building solutions
community education

IDEAS WALL ACTIVITY (MARCH – JUNE)

Engagement Summary

1824

Total Visits 

715

Unique Users 

2:10

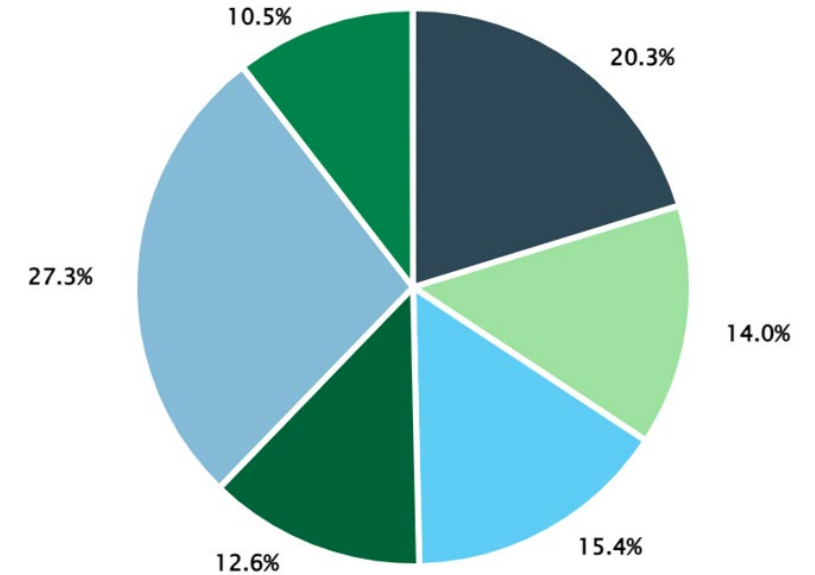
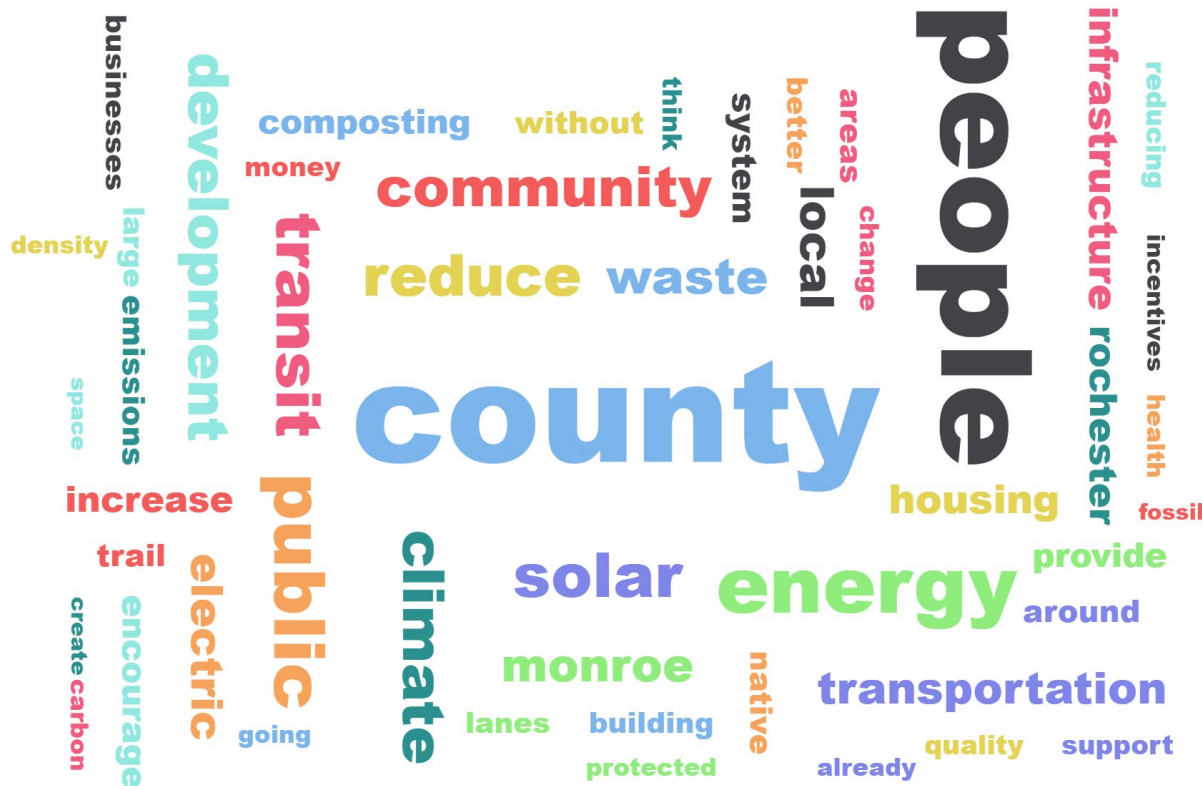
Avg Time (min) 

93

Unique Stakeholders


215


Comments





- Buildings & Housing
- Energy Use & Consumption
- Partnerships, Education & Economy
- Waste & Recycling
- Transportation
- Land & Water Resources

Offer composting opportunities along with trash pick up for citizens.


 Start a discussion


 Waste & Recycling | 3 days ago


Like  +3


Dislike 

Identify (map) and incentivize suitable (potential) sites for renewable energy projects, especially solar projects, on brown fields, industrial sites, rooftops and parking lots instead of on prime agricultural lands, open space and parkland which are vital for resiliency. The County could review available degraded or already built spaces within the “existing human footprint” for such projects.


 Start a discussion


 Energy Use & Consumption | 3 days ago


Like  +2


Dislike 

Discourage the widespread use of manicured lawns and encourage the planting of native plants in yards and parks. Discourage the watering of those manicured lawns and save water by planting native plants that our pollinators depend upon.

 Start a discussion


 Land & Water Resources | 3 days ago


Like  +2


Dislike 


Preserve and improve the natural and native ecosystem in the Monroe County Park system and the significant plant collections contained within the arboretums, as well as the Frederick Law Olmsted designed areas that are part of the rich horticultural legacy of Highland, Durand Eastman, Genesee Valley and Seneca Parks. The natural environment of the county parks is an important part of the health and quality of life here.

Encourage large retailers (like Wegmans) to install charging stations for EVs Support School districts with financial support needed in their effort to convert to Electric school busses.


 Start a discussion


 Transportation | 3 days ago


Like 


Dislike 

Partner with local educational institutions and industries to come up with creative technologies and siting for renewable energy generation projects that resist sprawling into agricultural, rural, tourist and open space areas.

 Start a discussion

 Partnerships, Education & Economy | 3 days ago

Like  +2

Dislike 

All new projects or rehabilitation projects that receive government money (e.g. like COMIDA) must be all electric. The county will not support additional fossil fuel infrastructure.



Buildings & Housing



Land & Water Resources



Transportation



Waste & Recycling

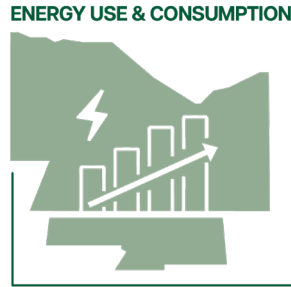
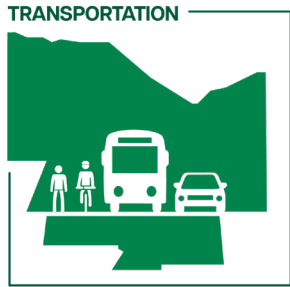


Energy Use & Consumption



Partnerships, Education & Economy

PRIORITY FOCUS AREAS



Highest



Lowest

Rank	Transportation	Buildings & Housing	Energy Use & Consumption	Land & Water Resources	Partnerships, Education & Economy	Waste & Recycling
1	26%	15%	21%	23%	6%	9%
2	21%	30%	11%	11%	13%	15%
3	13%	15%	30%	26%	6%	11%
4	17%	11%	19%	21%	19%	13%
5	11%	15%	15%	15%	28%	17%
6	13%	15%	4%	4%	28%	36%



MONROE COUNTY



Climate Action Plan

2. GHG INVENTORY SNAPSHOT

SCOPE 3 - GHG EMISSIONS INVENTORY

CONTEXT:

- Scope 3 are all GHG emissions that occur inside the County boundary but outside of the County's control

APPROACH:

- Identify target areas
- Consistent with Phase 1
- 2019 Emissions Inventory
- ICLEI ClearPath Tool

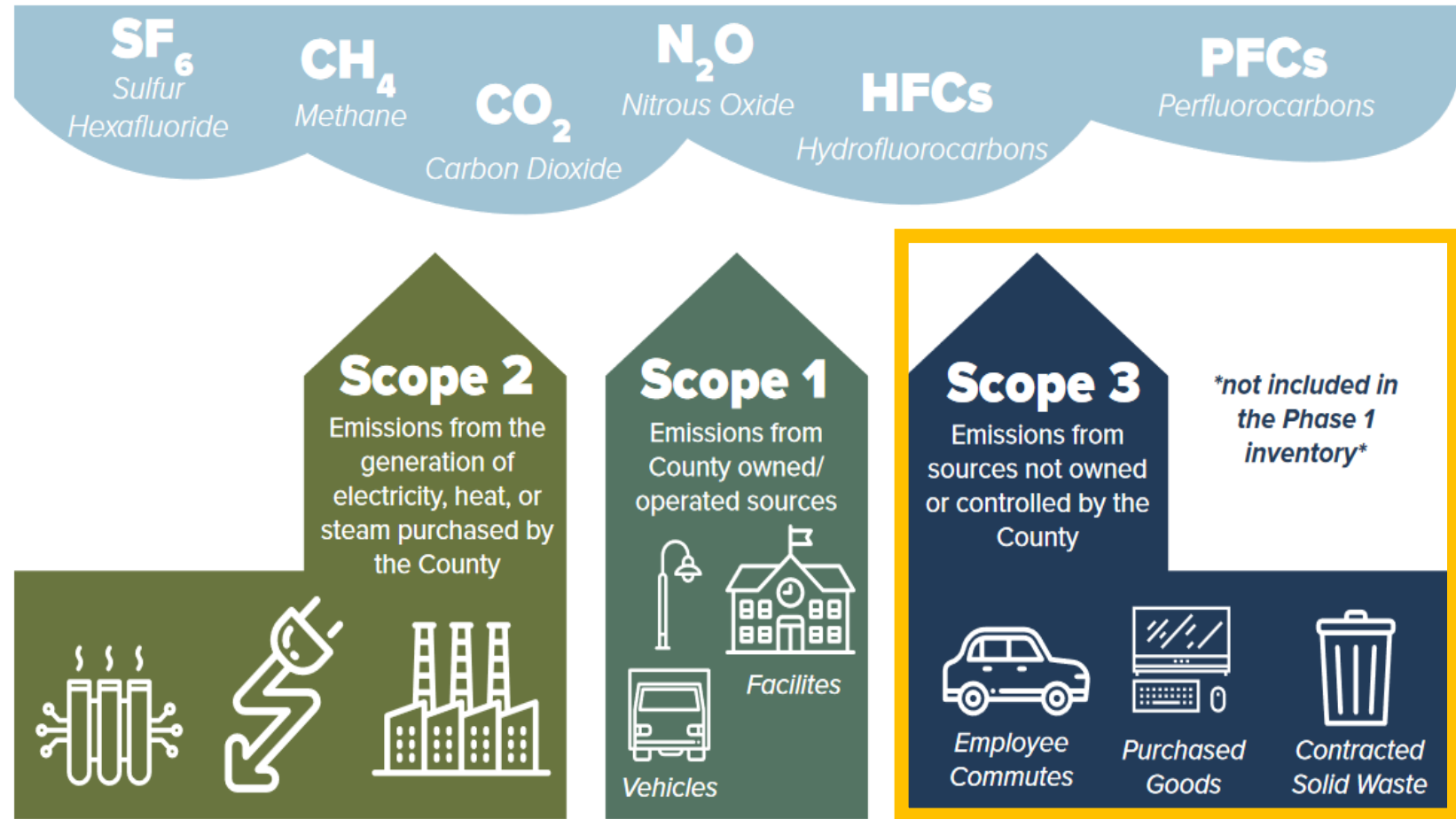


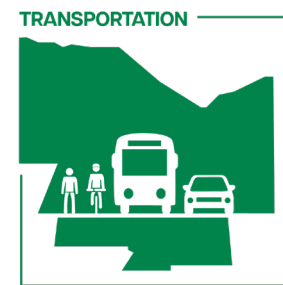
Figure 12 from Monroe County Phase I - Government Operations CAP

SCOPE 3 INVENTORY

ICLEI U.S. COMMUNITY PROTOCOL

Potential GHG emissions sources and activities identified by ICLEI include:

- Built Environment
- Transportation
- Solid Waste
- Water & Wastewater
- Agriculture
- Forest & Lands



COUNTY'S FOCUS AREAS

SCOPE 3 INVENTORY

MAJOR GHG SOURCES

Transportation

- Cars and Trucks, Employee Commutes
- Rail, Air, Marine (verifying)
- Off-road Equipment

Energy

- Electricity Use, by sector
- Fuel Combustion, by sector

Process and Fugitive

- HVAC and Refrigeration
- Industrial Process Emissions (verifying)

Waste

- Landfill (verifying)
- Recycling/Compost

Water

- Wastewater (verifying)
- Water supply

Agriculture, Forestry, and Land Use

- Land Use Changes
- Agriculture: Livestock/Fertilizer

Consumption

- Food, services, construction materials, other goods

Upstream

- Transmission and distribution

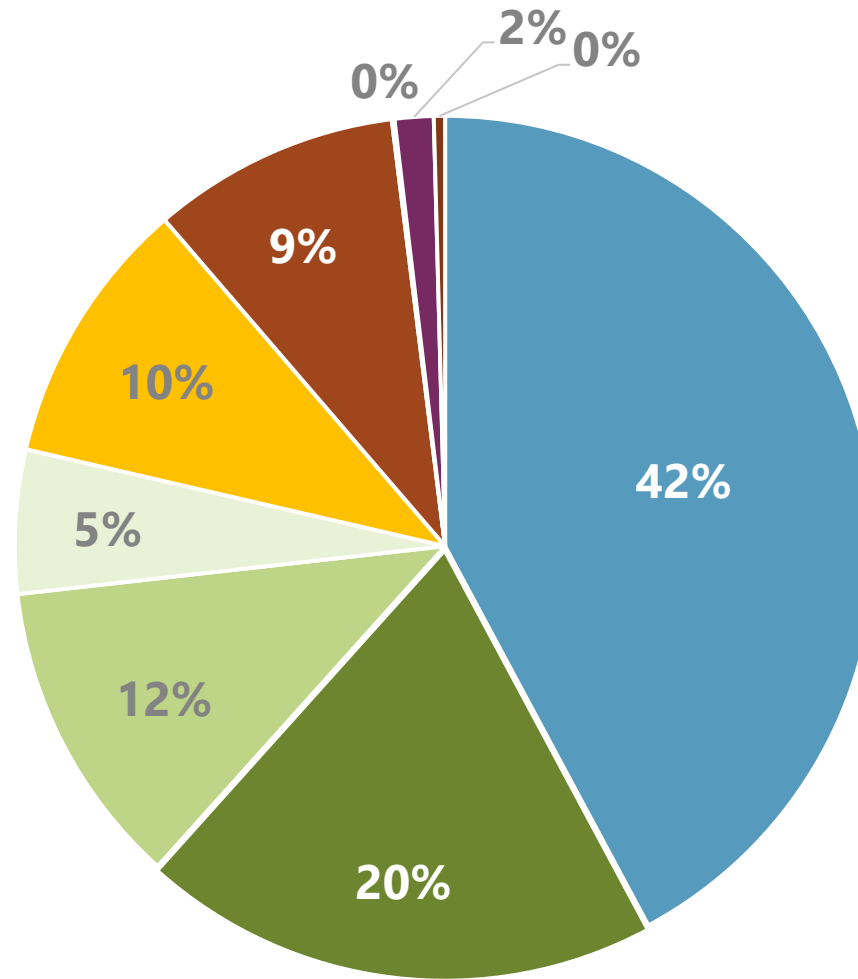
PRELIMINARY RESULTS

DRAFT STAGE:

- Several sources are going through QA/QC (waste and wastewater, industrial energy)
- Source data will be supplemented (freight)

HIGHLIGHTS:

- Transportation & Mobile Sources - 42% (3M mty)
- Total Energy - 37% (2.5M mty)
- Residential - 50% of total energy
- Process and Fugitive Emissions - 10%



TOTAL: 7M mty

- Transportation & Mobile Sources
- Residential Energy
- Commercial Energy
- Industrial Energy
- Process & Fugitive Emissions
- Solid Waste
- Water & Wastewater
- Agriculture Farming and Land Use
- Upstream Impacts of Activities



TRANSPORTATION SECTOR

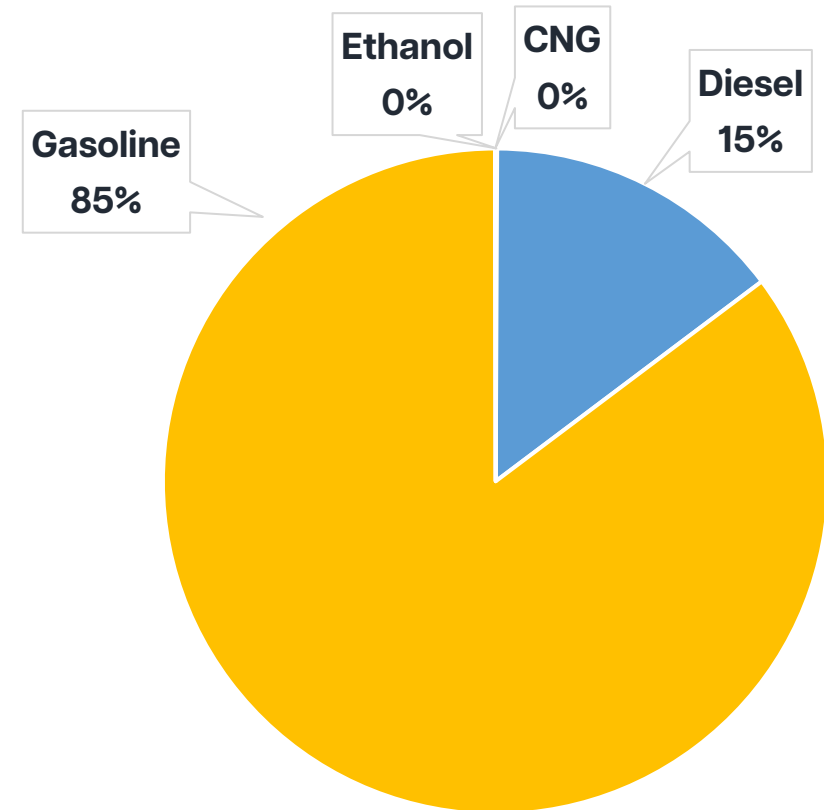
Source Data

- Vehicle Miles Traveled (VMT)
- Fuel Type

Emissions

- Gasoline 85%
- Diesel 14%
- Ethanol + CNG <1%

Fuel Type	VMTs	
Gasoline	5,273,526,573	90%
Diesel	537,982,104	9%
CNG	3,067,578	<1%
Ethanol	8,987,271	<1%





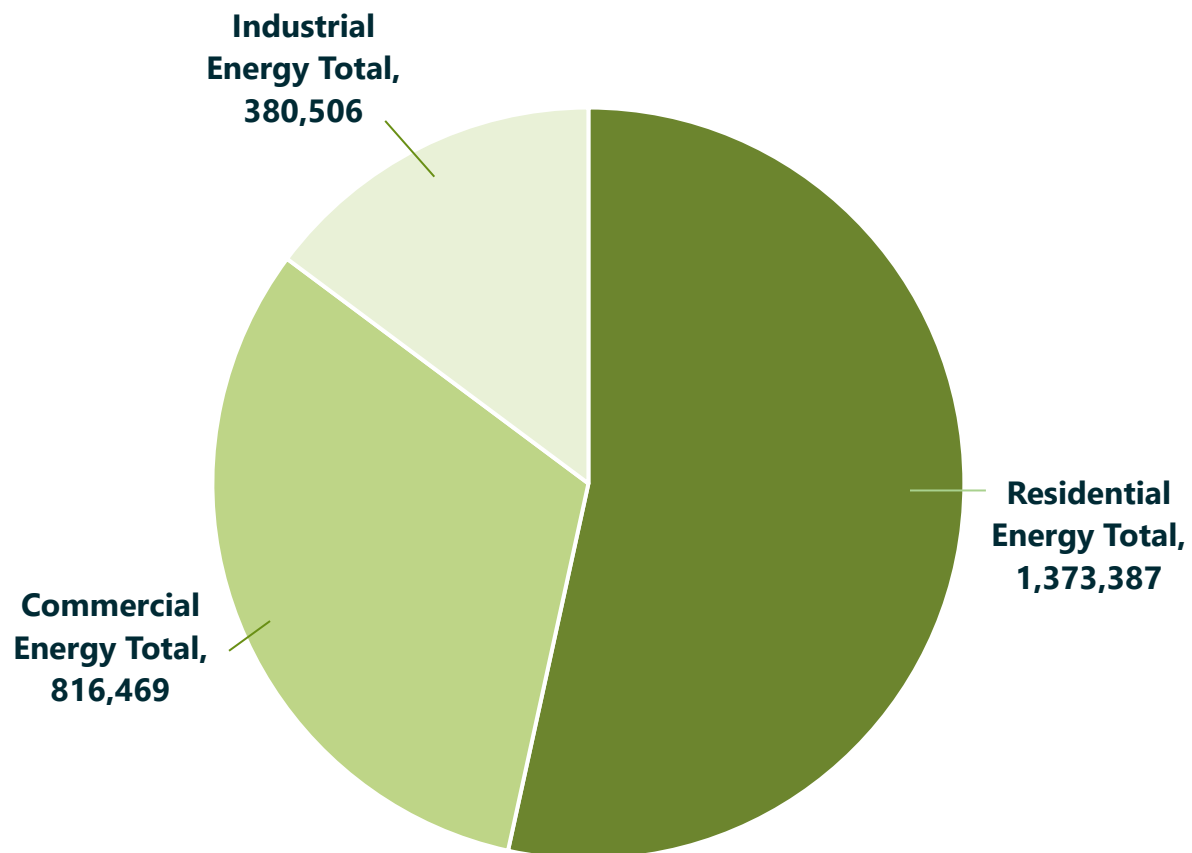
ENERGY SECTOR

Source Data

- Utilities Data
- Number of Residents

Emissions

- Residential 50%
- Commercial 32%
- Industrial 28%





ENERGY SECTOR

Natural Gas

- 59% of total emissions
- 70% of Residential

Electricity

- 23% of total emissions

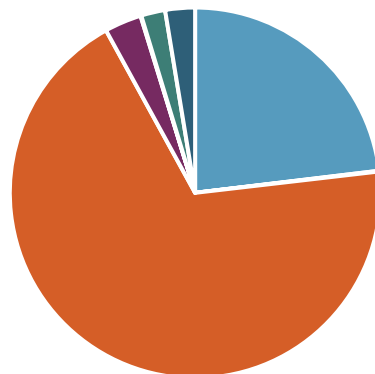
Fuel Oil

- 10% of total emissions

Propane/LPG

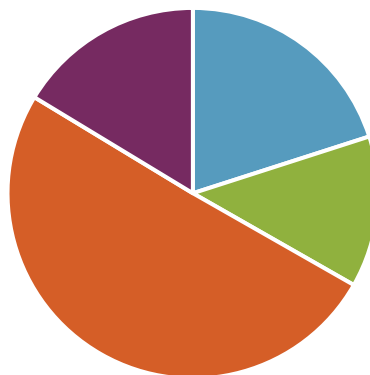
- 7% of total emissions

Residential



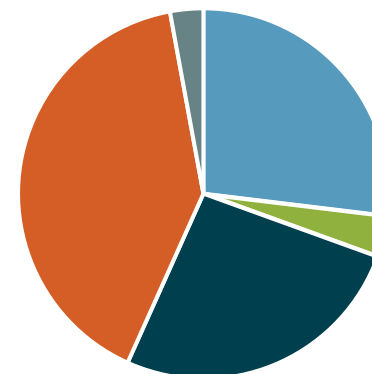
- Electricity
- Kerosene
- Natural Gas
- Propane
- Residual Fuel Oil No. 6

Commercial



- Electricity
- Residual Fuel Oil No. 6
- Natural Gas
- Propane

Industrial



- Electricity
- Residual Fuel Oil No. 6
- Distillate Fuel Oil No. 2
- Natural Gas
- LPG

SCOPE 3 INVENTORY DATA SOURCES

- Scope 3 inventories by design include some double counting
- Emission sources and deviations tracked to identify discrepancies

Sector	NY Statewide GHG Inventory	Climate Accelerator Genesee-Finger Lakes GHG Inventory	Monroe County Phase II GHG Inventory (Scope 3)
Electricity	<p><u>Includes</u></p> <ul style="list-style-type: none"> • Emissions from combustion of fuel for electricity generation • Transmission and distribution losses • Emissions from imported electricity • Emissions from fossil fuel imports for electricity generation 	<p><u>Includes</u></p> <ul style="list-style-type: none"> • Transmission and distribution losses <p><u>Deviation from Statewide Inventory</u></p> <ul style="list-style-type: none"> • Emissions from combustion of fuel for electricity generation attributed to the economic sector where electricity is consumed <p><u>Currently not included</u></p> <ul style="list-style-type: none"> • Emissions from imported electricity to region is not known • Emissions from fossil fuel imports for electricity generation not known 	<p><u>Includes</u></p> <ul style="list-style-type: none"> • Emissions from combustion of fuel for electricity generation attributed to the economic sector where electricity is consumed <p><u>Deviation from Genesee-Finger Lakes Inventory</u></p> <ul style="list-style-type: none"> • Transmission and distribution losses included with Upstream Impacts emissions <p><u>Currently not included</u></p> <ul style="list-style-type: none"> • Emissions from imported electricity to county is not known • Emissions from fossil fuel imports for electricity generation not known
Buildings	<p><u>Includes</u></p> <ul style="list-style-type: none"> • Emissions from fuel combustion separated by residential and commercial buildings • Emissions from product use (including use of refrigerants in vehicle with HVAC or refrigeration) • Emissions from fossil fuel imports 	<p><u>Includes</u></p> <ul style="list-style-type: none"> • Emissions from fuel combustion separated by residential and commercial buildings • Emissions from fossil fuel imports <p><u>Deviation from Statewide Inventory</u></p> <ul style="list-style-type: none"> • Emissions from product use is under Industrial sector. Insufficient data to separate by sector. 	<p><u>Includes</u></p> <ul style="list-style-type: none"> • Emissions from fuel combustion separated by residential, commercial, and industrial buildings <p><u>Deviation from Genesee-Finger Lakes Inventory</u></p> <ul style="list-style-type: none"> • Emissions from fossil fuel imports not known • Refrigerant emissions are included in Process and Fugitive Emissions sector.



MONROE COUNTY



Climate Action Plan

3. PRELIMINARY PLAN FRAMEWORK

ONE PIECE IN PLANNING FOR MONROE COUNTY'S FUTURE

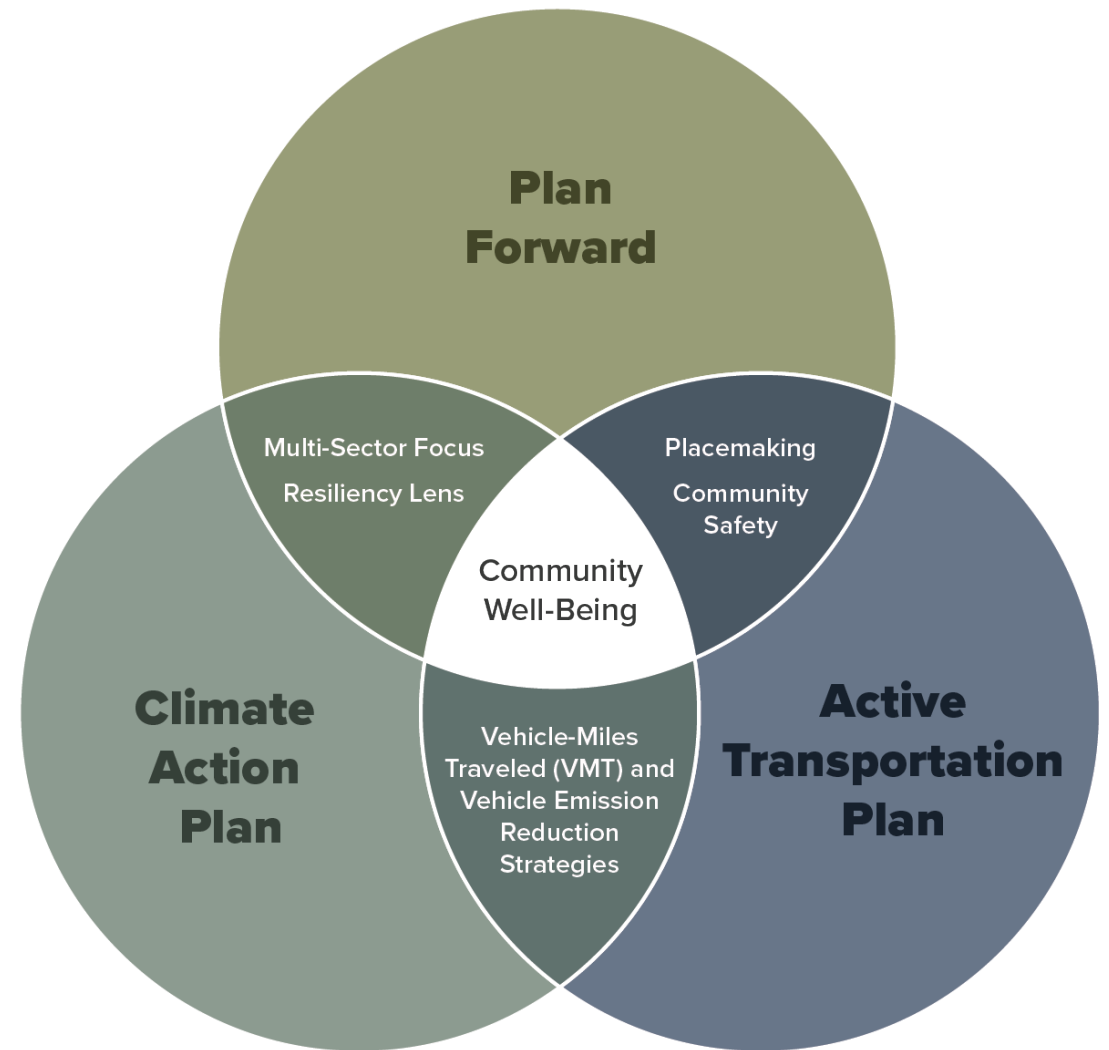
Completed/Underway

- Comprehensive Plan (Plan Forward)
- County Active Transportation Plan
- Bring Back Monroe
- Hazard Mitigation Plan
- Organics Waste Management Plan

Upcoming

- Climate Adaptation & Resiliency Plan
- Agricultural & Farmland Protection Plan
- Parks & Open Space Plan Update

** And many more!



BUILDING THE CLIMATE ACTION PLAN

Phase I. Government Operations

Part 1

INTRO TO CLIMATE ACTION PLANNING

Part 2

EXISTING CLIMATE CONDITIONS & PROJECTIONS

Part 3

CURRENT CLIMATE INITIATIVES

Part 4

GREENHOUSE GAS (GHG) INVENTORY

Part 5

COUNTY GOALS & TARGETS

Part 6

EXPANSION OF CLIMATE ACTION PLANNING

Phase II. Community-wide

Part 1

INTRO TO COMMUNITY-WIDE CAPs

Part 2

PHASE I

Part 3

CASE STUDIES

Part 4

COMMUNITY-WIDE GHG INVENTORY

Part 5

COMMUNITY-WIDE GOALS & TARGETS

Part 6

ACTION PLAN & RESOURCES

THE ROLE OF THE COMMUNITY-WIDE CAP

What will it do?

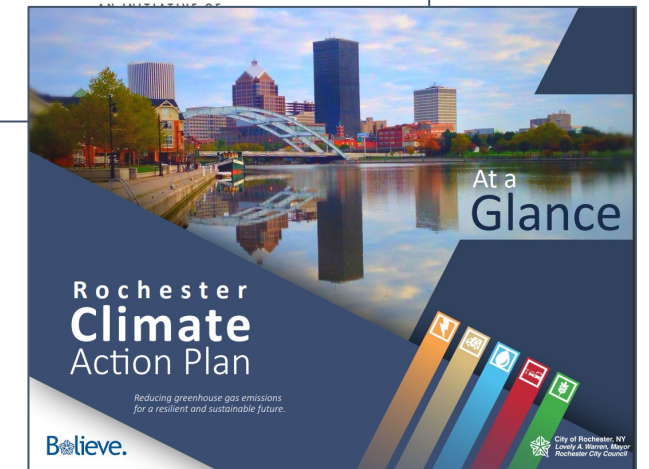
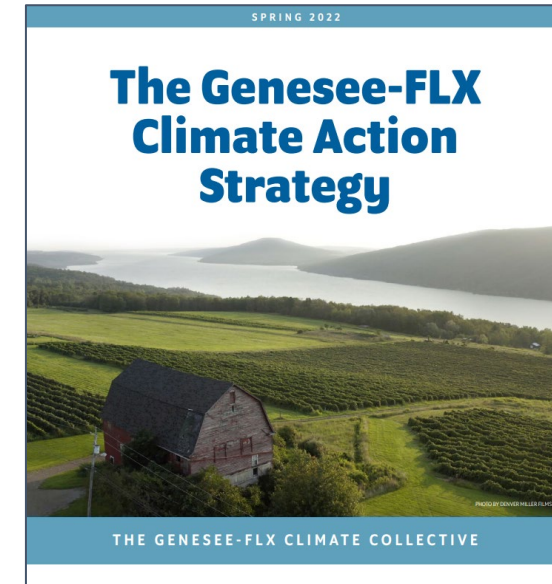
- Include a refined picture of GHG emissions in Monroe County
- Tie into existing plans & initiatives
- Identify specific actions the County can take
- Serve as a resource for residents and stakeholders

What won't it do?

- Serve as a mandate or law

What shouldn't it do?

- “Sit on a shelf”



PROPOSED GOAL FRAMEWORK

- Follow guidance of Phase I
- Identify County-specific actions at various levels

ALSO...

- Highlight success stories
- Provide guidance to other municipalities / agencies
- Identify partners & funding opportunities



Goal

A general statement that describes the aspiration of the County to reduce Monroe County's GHG emissions and local contribution to climate change.

Target

The quantification of a goal, specifying the potential reduction in emissions based on an aggressive implementation scenario modeled using the ICLEI ClearPath tool.

Action

A specific initiative which may be undertaken by the County to accomplish a goal. It can take the form of a plan, project, policy, or program. For the purposes of this Plan, actions are categorized into one of three tiers:

- **Tier 1:** A direct, measurable action
- **Tier 2:** A step to prepare for and/or support a Tier 1 action
- **Tier 3:** A broader policy or program providing guidance for a series of actions

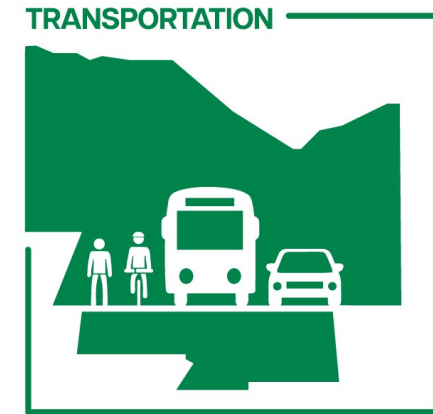


Figure 20. Goal Framework

GOALS

TRANSPORTATION

- Increase connectivity surrounding high trip potential and population centers.
- Reduce vehicle miles traveled. Increase zero emission personal and fleet vehicles, equipment, and facilities.
- Mitigate and reduce stormwater runoff associated with transportation infrastructure.



Driving, public transit, bicycling, and walking networks connect us to our homes, our jobs, local businesses, and our environment.

These modes of transportation, the infrastructure needed to support them, and the travel distance between our destinations is directly related to the magnitude of the carbon footprint and greenhouse gas emissions we produce.

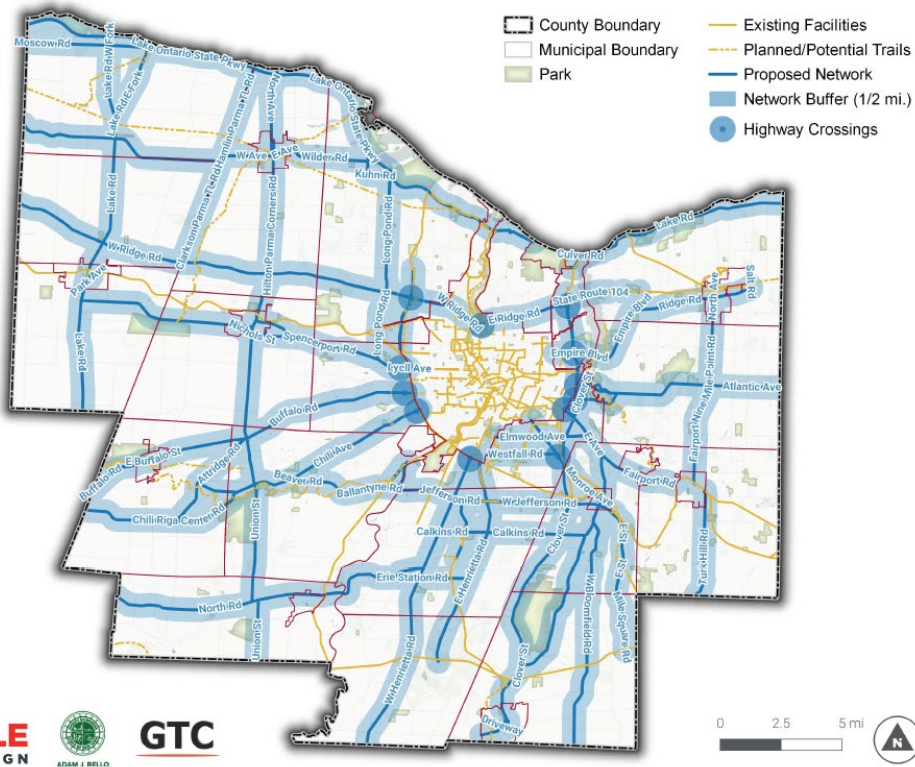


ASSESSING IMPACT OF TRANSPORTATION NETWORK

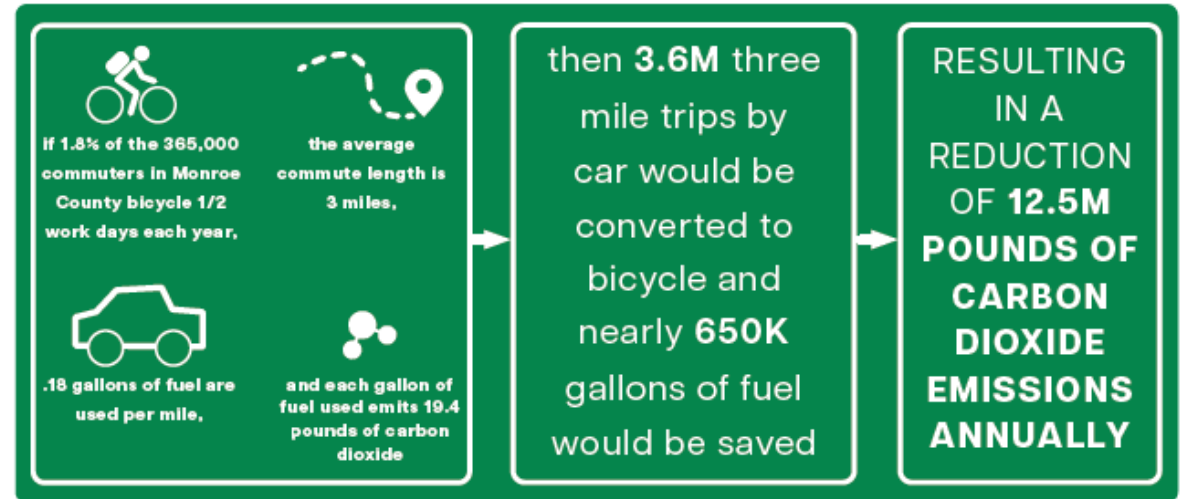
- Florida Department of Transportation (FDOT) “Conserve by Bicycling and Walking Study”
 - Includes reliable methodology to quantify green energy benefit from increase in bicycle commuters due to network improvements
- Town of Henrietta Active Transportation Plan – Used methodology to calculate potential:
 - Increase in bicycle commutes
 - Gallons of fuel saved by reduction of auto-trips
 - Pounds of annual carbon dioxide emissions reduced annually

COUNTY ACTIVE TRANSPORTATION PLAN

PROPOSED NETWORK MAP



A **60%** increase in the County's bicycle infrastructure would be expected to increase the bicycle commute mode share to approximately **1.8%** or 1 out of every 55 workers commuting to work primarily by bicycle



GOALS

LAND & WATER RESOURCES

- Protect and conserve existing open spaces, agricultural lands, and natural areas.
- Improve access to and awareness of local natural resources at both a micro and macro scale to build environmental stewardship community-wide.
- Mitigate and reduce heat island impacts from the built environment.



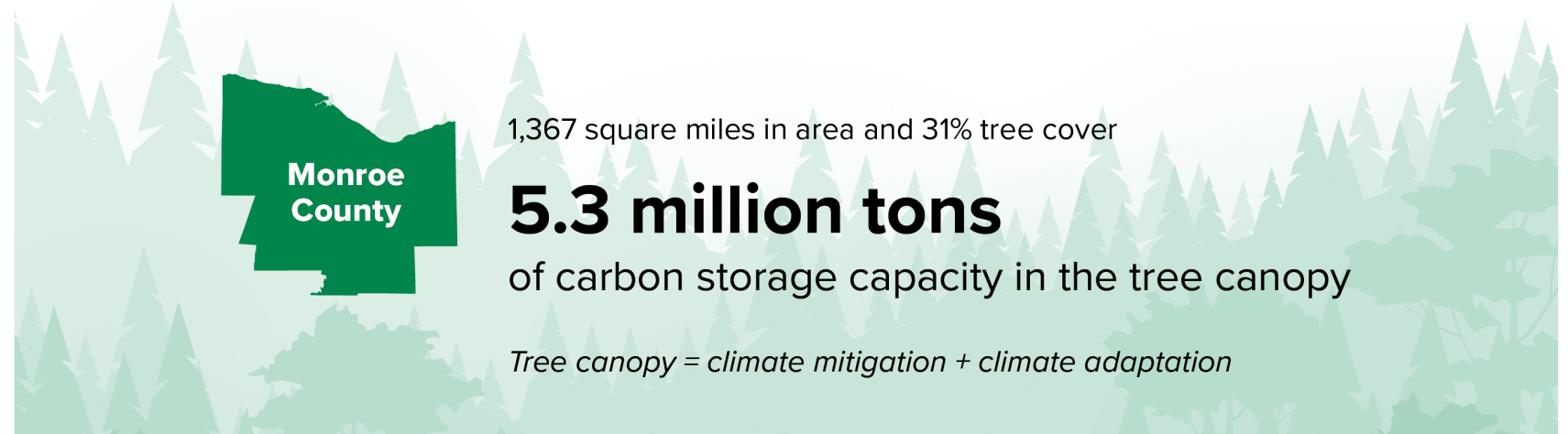
Our County has a wealth of **open space and water resources including parks, streams, rivers, canals, and Lake Ontario**. There is a direct link between water quality and the great lakes water system.

Our water resources, open spaces, and trees serve to help regulate stormwater, wastewater, and greenhouse gas emissions, but are vulnerable to impacts from development and human intervention.

I-TREE | CANOPY ASSESSMENT TOOL

Monroe County:

- Land Area – 657 sq mi
- Water Area – 710 sq mi
- Tree Cover – 202 sq mi
 - 31% of Land Area
 - 15% of Total Area



Every year, Monroe County's tree canopy has the following benefits:



\$41 million
in annual savings from CO₂ sequestration, air pollution removal, and avoided runoff



450,000 tons
of CO₂ sequestered
\$21 million annual savings



3,500 tons
of air pollutants removed
\$13 million annual savings



800 million gallons
of avoided runoff ¹
\$7 million annual savings



15 billion gallons
of transpiration ²



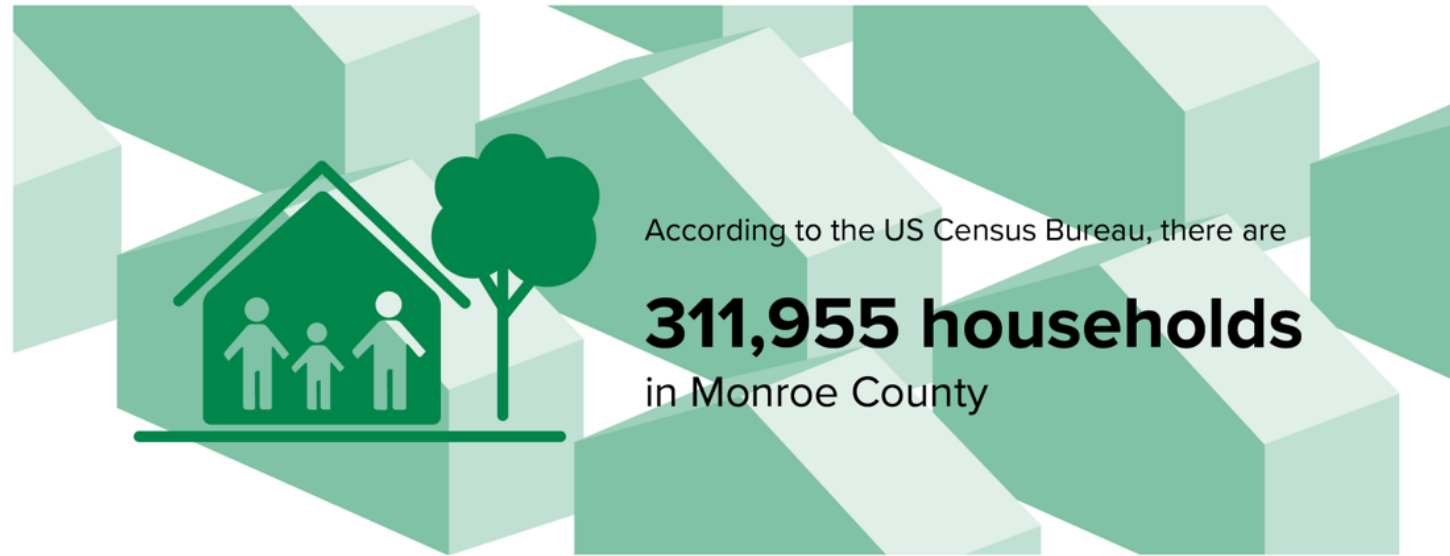
9 billion gallons
of rainfall interception

¹ Avoided runoff is calculated in i-Tree Eco as the amount of surface runoff without any trees minus the amount of surface runoff with the current tree cover

² 1 billion gallons = 1,500 Olympic swimming pools

Data Source: USDA Forest Service iTree

CARBON SEQUESTRATION OPPORTUNITIES



If 1 out of 2 households plant a tree, Monroe County could see the following benefits over the next 5 years:



3,100 tons
of CO₂ sequestered
\$144,300 annual savings



\$408,100
in annual savings from CO₂ sequestration, air pollution removal, and avoided runoff



8 tons
of air pollutants removed
\$115,000 annual savings



16 million gallons
of avoided runoff
\$148,800 annual savings



1.8 million kwh
of electricity saved



124 million gallons
of rainfall interception

GOALS

BUILDINGS & HOUSING

- Consider existing development, redevelopment, and new development scenarios to eliminate GHG emissions.
- Reduce energy use of buildings powered by fossil fuels, and transition to renewable energy sources where possible.
- Implement green building infrastructure and renewable energy generation policies on new development and encourage retrofit on existing and redevelopment.



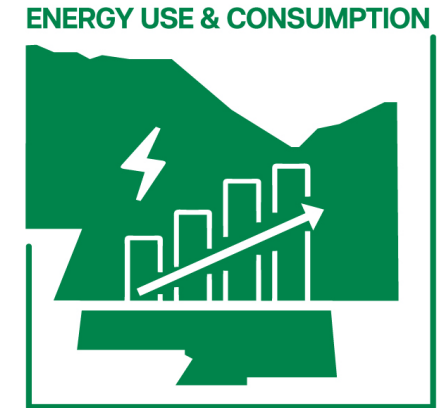
Commercial, industrial, and residential structures we live and work in. Our building stock varies between rural, suburban, and urbanized areas, in terms of appearance, footprint, and density.

Building type, construction methods, and daily usage impact our surrounding environment, energy consumption, and microclimates.

GOALS

ENERGY USE & CONSUMPTION

- Identify opportunities to reduce energy use in both major and minor contributors and convert to renewable energy sources.
- Support municipalities and connect individuals to potential resources and programs for transitioning from fossil fuels to renewable energy.



The type and amount of energy we use has a direct impact on climate change because of the greenhouse gas emissions they each produce.

The conversion of our **energy sources and consumption from gas, oil, and coal, to more sustainable alternatives including solar, wind, geothermal, and electric** will reduce our climate impacts.

GOALS

WASTE & RECYCLING

- Support, connect, and enhance access and awareness of diverting waste from landfills by reuse, recycling, or composting and organics recycling programs.
- Increase innovative re-purposing of waste byproducts and consider opportunities to harvest waste products for energy.



Products have a life cycle that consists of production, transportation, use and ultimately disposal. The impacts associated with each phase of this system may vary from the amount of resources used to produce it, emissions that we create during production, transportation and use, and the amount of waste created upon disposal.

Activities that lessen our impact include reducing, reusing, recycling, and composting materials.

GOALS

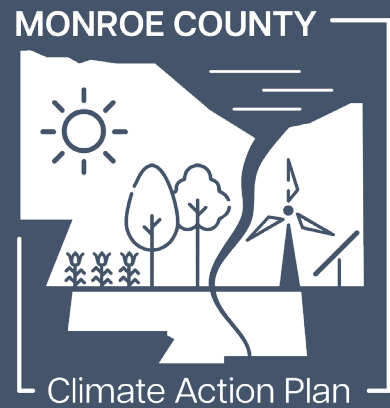
PARTNERSHIPS, EDUCATION & ECONOMY

- Identify and foster connections between private and public organizations, local and county governments, and regional initiatives.
- Increase awareness and access to online platforms, tools, and networks to leverage partnerships between these groups.



Our quality of life has always been linked to nurturing existing partnerships and fostering new ones.

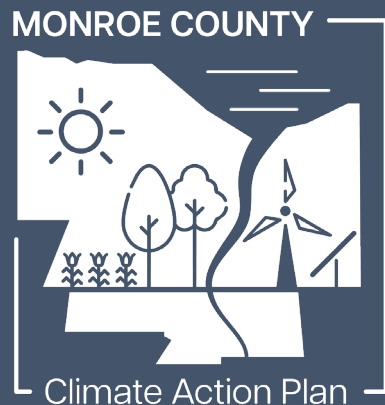
Our success in reducing our individual and collective climate impacts will be directly related to understanding what initiatives have taken place and **what opportunities exist for social, educational, and economic sectors to partner for implementation of the plan.**



4. NEXT STEPS

HOW TO STAY INVOLVED:

- 1: Visit the Website
 - 2: Participate in Online Engagement
 - 3: Attend an Advisory Committee Meeting
 - 4: Attend the 3rd Public Workshop
- Contact us any time!



NEXT STEPS

GHG Inventory Report

To be prepared.

Goals & Action Plan

Compile feedback and prepare draft.

Finalize Goals & Targets

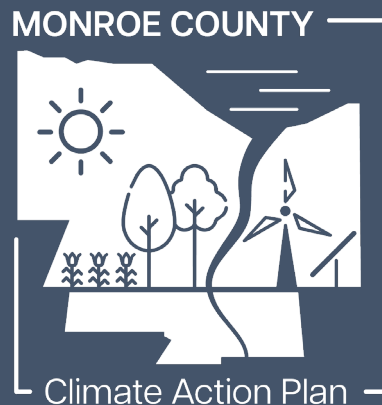
Work with staff, Committee, and stakeholders.

Public Workshop #3

Review & Comment on Draft Plan.

HOW TO STAY INVOLVED:

- 1: Visit the Website
 - 2: Participate in Online Engagement
 - 3: Attend an Advisory Committee Meeting
 - 4: Attend the 3rd Public Workshop
- Contact us any time!



HELP US PLAN FOR ACTION!

OPEN UNTIL AUGUST 31ST

take the goals
& strategies
survey!

[https://arcg.is/
1PmbeT](https://arcg.is/1PmbeT)

SCAN THE QR CODE BELOW



www.MonroeCountyClimateAction.com

5. OPEN HOUSE ACTIVITY STATIONS

WASTE & RECYCLING



CONTEXT

Products have a life cycle consisting of production, transportation, use, and ultimately disposal. The impact of each phase of this cycle may vary from the amount of resources used to produce it, emissions created during production, transportation and use, and the amount of waste created upon disposal.

Activities that lessen impacts include **reducing, reusing, recycling, and composting** materials.

GHG HIGHLIGHTS

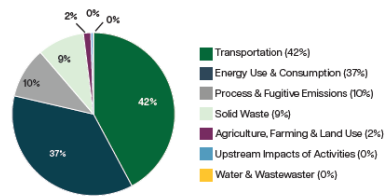
The Scope 3 emissions associated with waste and recycling include landfill, recycling, and composting facilities that are not currently owned and operated by the County.

NOTE: These numbers are undergoing verification with data sources.

SOURCE	EMISSIONS (MTCO ₂ e)	%
Transportation	2,974,073	42.2%
Energy Use & Consumption	2,570,359	36.4%
Process & Fugitive Emissions	710,921	10.1%
Solid Waste	657,416	9.3%
Agriculture, Farming & Land Use	102,917	1.5%
Upstream Impacts of Activities	29,748	0.4%
Water & Wastewater	7,111	0.1%
Total	7,052,545	100%

NOTE: Preliminary GHG Inventory Results

EMISSIONS BY SECTOR



PHASE I COUNTY

The emissions captured in Phase I County, Gloria, however, a 2018 action being th

PHASE I. SECTOR

- Buildings & Facilities
- Pure Waters Infrastructure
- Solid Waste & Materials
- Transportation Fleets
- Expressway Lights & Signs
- Total**

Monroe County Baseline Ph

PRIORITY RANKING:



TOP COMMENTS FROM

Offer composting opportunities along with trash pick up for citizens.

Create a local opportunity for residential waste from a local farm the County residents to donate to

GOAL STATEMENT

Support, connect, and enhance access and awareness of diverting waste from landfills by reuse, recycling, or composting and organics recycling programs. Increase innovative re-purposing of waste byproducts and consider opportunities to harvest waste products for energy.

PHASE 1 CAP ACTIONS

- Reduce waste generation and increase recycling at County facilities
- Expand current recycling/trash policy and procedures. Investigate feasibility of an organic waste/composting program for County buildings/facilities
- Develop and implement a paper use reduction policy and procedures
- Establish a Green Office Challenge that includes a reduction in office waste

CASE STUDY

Each year, Homepin County, Minnesota waste reduction and recycling specialists work with households to craft a customized eight month Zero Waste Challenge. Participating households have had success reducing their waste by increasing composting and recycling, eliminating disposables, preventing waste upfront, and sharing their success with other community members. On average, households reduce waste by about one-quarter to one-third. By the end of the challenge, they recycle or compost 60% to 70% of their waste, which is above the county average of about 45%.



How to live a lower waste lifestyle: Insights from Zero Waste Challenge participants. <https://www.homepinus/climate-action/what-we-can-do/low-waste-lifestyle>

ACTIONS & STRATEGIES Based on your feedback from the Ideas Wall!

- Develop composting programs with a robust public education campaign
- Educational campaign on recycling and County's recycling process, and the benefits of waste reduction and diverting food waste from landfills
- Make recycling and composting easier for households

****Place a dot by any recommendation you agree with or believe should be a priority for the Plan!****

YOUR THOUGHTS?



ADAM J. BELLO
COUNTY EXECUTIVE

PHASE II MONROE COUNTY



ADAM J. BELLO
COUNTY EXECUTIVE

MONROE COUNTY



Climate Action Plan

THANK YOU FOR ATTENDING 😊

**PUBLIC
WORKSHOP #2**

July 25, 2023

