

MONROE COUNTY COUNCIL OF GOVERNMENTS

March 20, 2024



Phase II. Community-wide Climate Action Plan



Bergmann has joined Colliers Engineering & Design

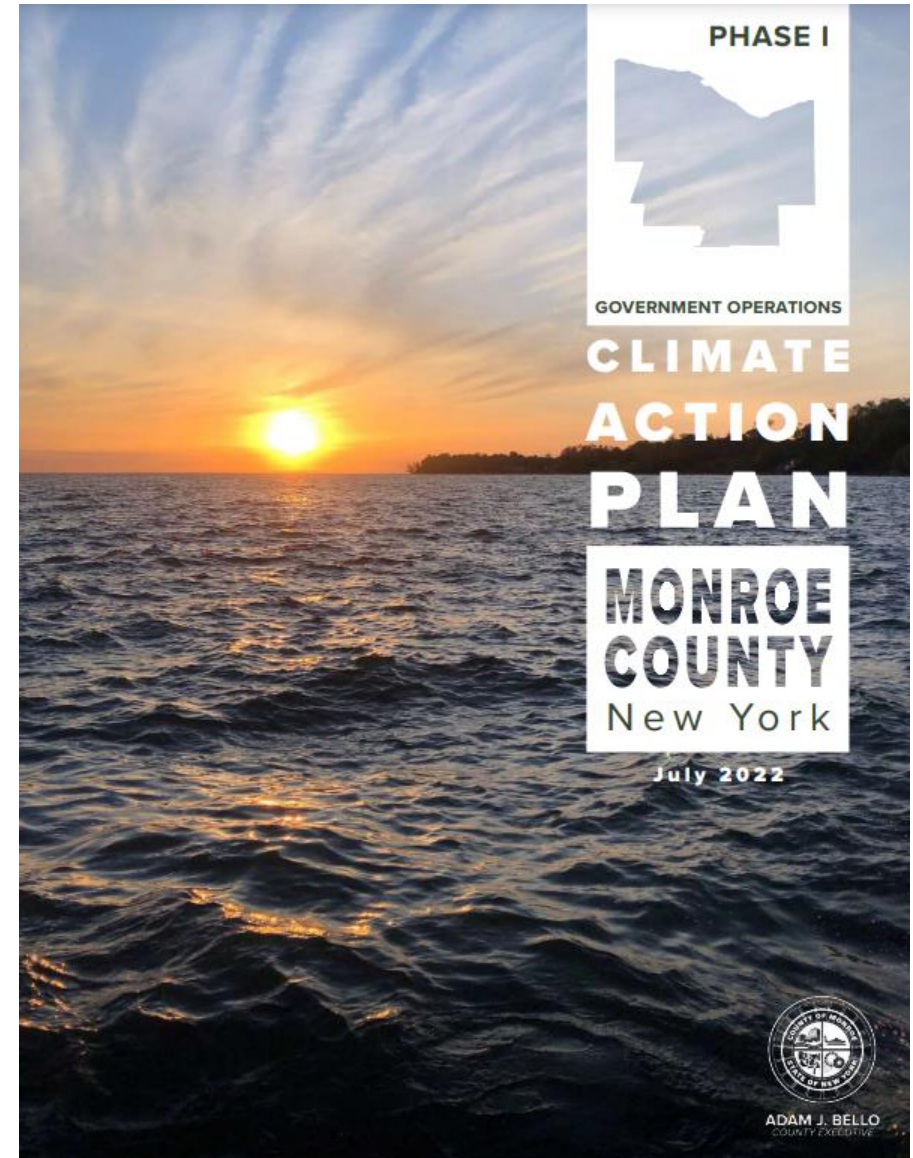
PROJECT INTRODUCTION

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.

Phase 1. County Govt Operations (May 2020 – Sept 2022)

Phase 2. Community-Wide (March 2023 – Summer 2024)

- GHG sources throughout county – housing, private industry operations, transportation infrastructure, etc.
- Intended to serve as a community guide and resource



THE ROLE OF THE COMMUNITY-WIDE CAP

What will it do?

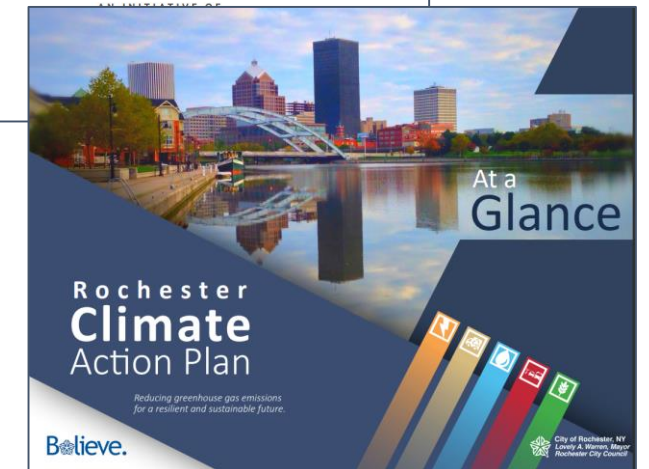
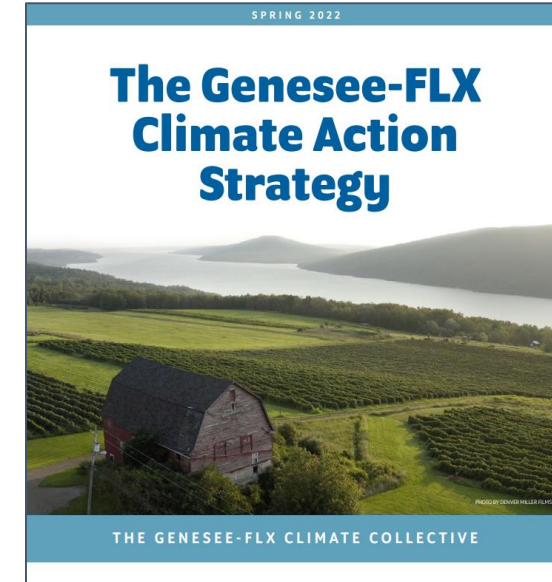
- Include a refined picture of GHG emissions in Monroe County
- Tie into existing plans & initiatives
- Identify specific actions the County can take
- Serve as a resource for residents and stakeholders

What won't it do?

- Serve as a mandate or law

What shouldn't it do?

- “Sit on a shelf”



ONE PIECE IN PLANNING FOR MONROE COUNTY'S FUTURE

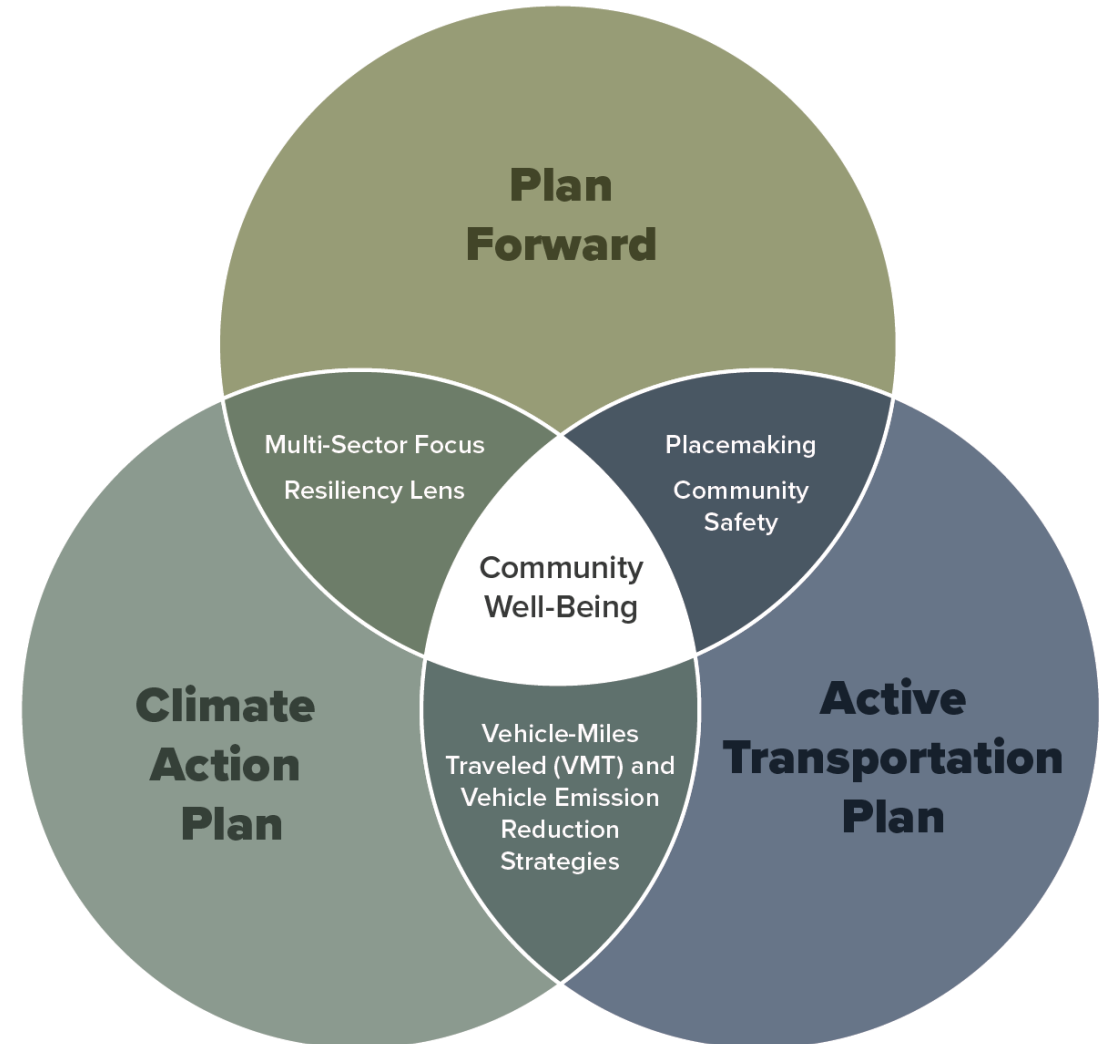
Completed/Underway

- 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

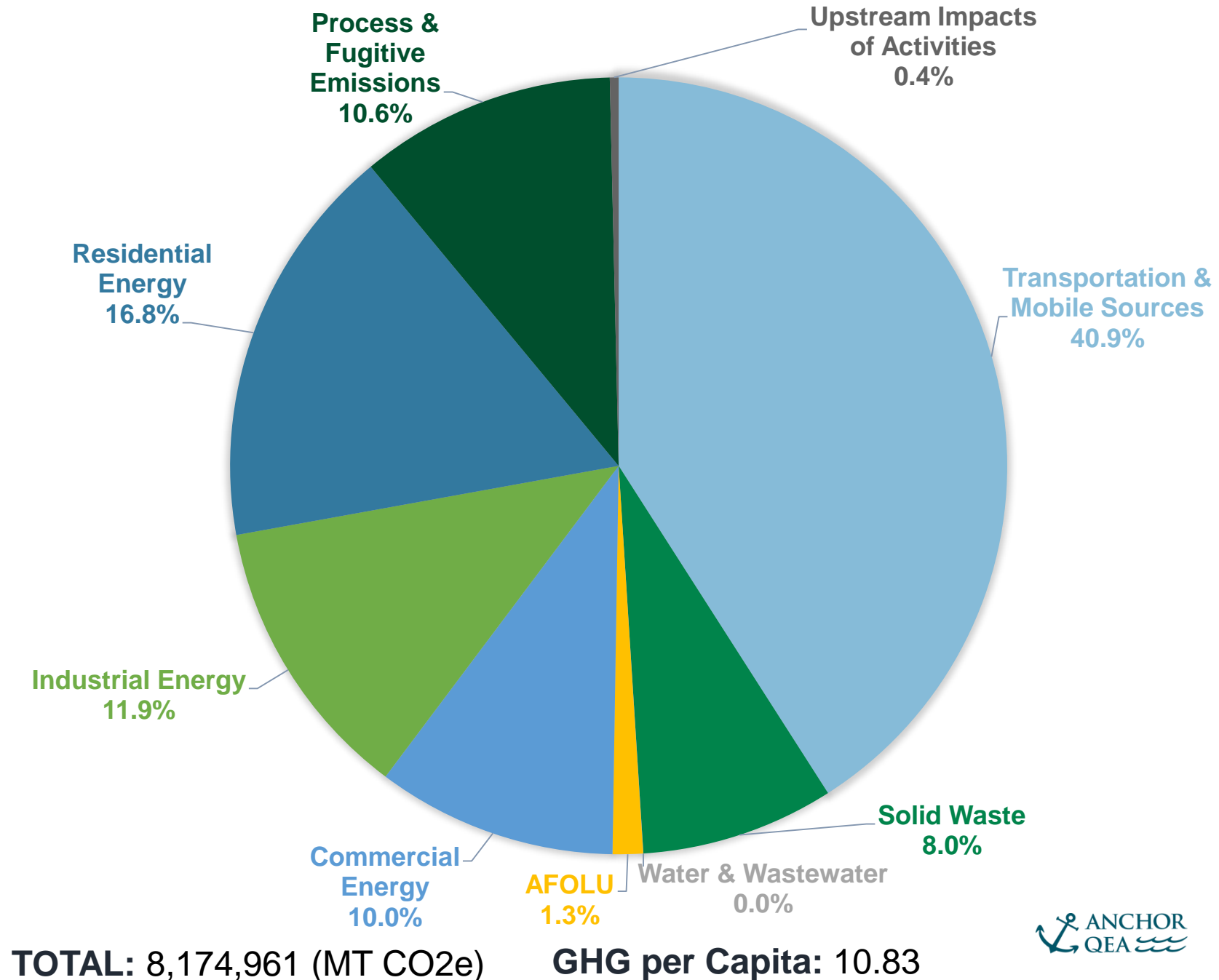
** And many more!



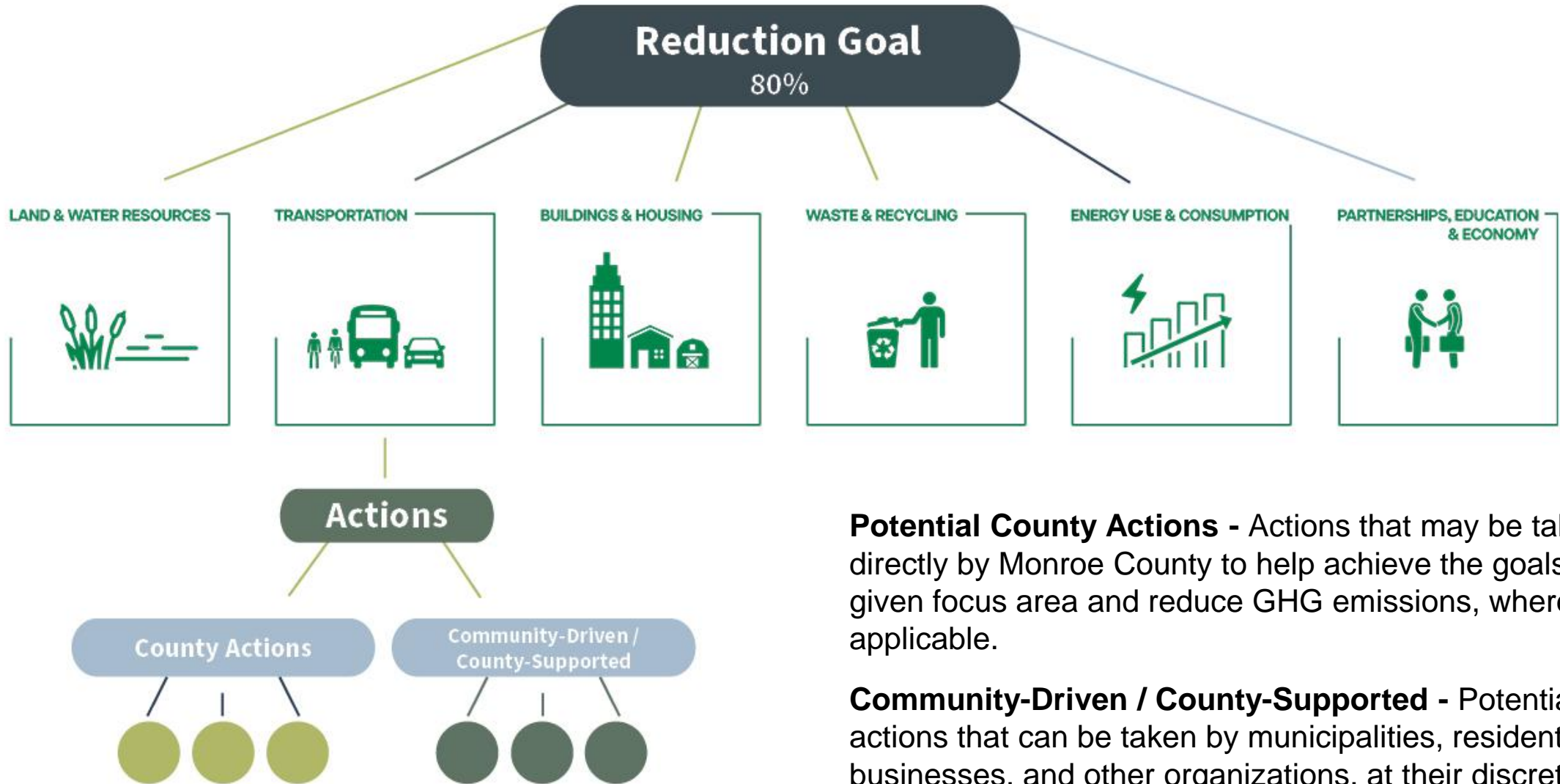
PRELIMINARY GHG EMISSIONS INVENTORY (2019)

HIGHLIGHTS:

- Energy Use & Consumption – 50%
- Buildings & Housing:
 - Commercial: 10%
 - Industrial: 12%
 - Residential: 17%
- Transportation & Mobile Sources – 41%
- Land & Water Resources – 1%
- Waste & Recycling – 8%
 - Solid Waste Collections: 2%
 - LFG Flaring Emissions: 1%
 - Methane Emissions: 96%



PROPOSED GOAL FRAMEWORK

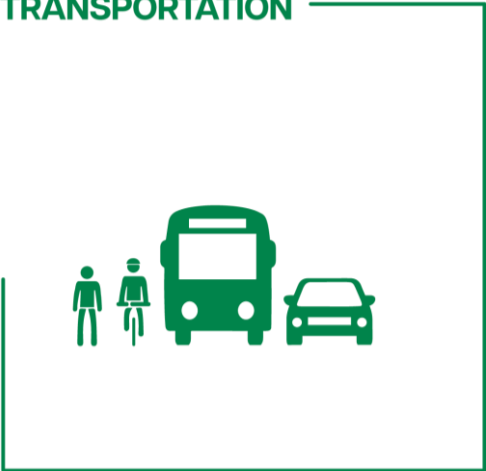


Potential County Actions - Actions that may be taken directly by Monroe County to help achieve the goals of a given focus area and reduce GHG emissions, where applicable.

Community-Driven / County-Supported - Potential actions that can be taken by municipalities, residents, businesses, and other organizations, at their discretion, which the County can help implement as a funder, coordinator, connector, and/or informational resource.

Focus Areas

TRANSPORTATION



BUILDINGS & HOUSING



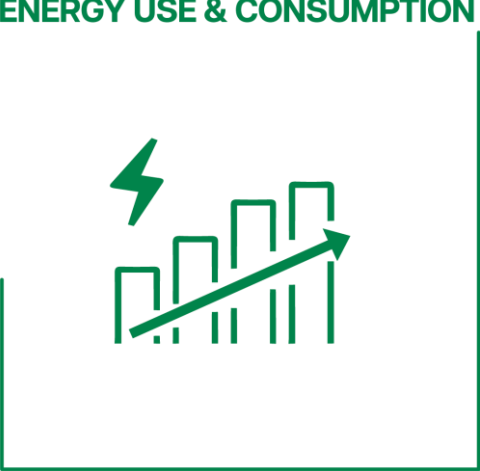
LAND & WATER RESOURCES



WASTE & RECYCLING



ENERGY USE & CONSUMPTION



PARTNERSHIPS, EDUCATION & ECONOMY



Transportation

GOALS/ACTIONS



- Increase connectivity around high trip potential and population centers.
- Reduce vehicle miles traveled.
- Increase ZEVs/equipment/facilities.
- Reduce stormwater runoff from roads



Possible County Actions:

- Fully implement the Monroe County Active Transportation Plan
- Fill gaps in sidewalk infrastructure to improve connectivity.
- Advocate for greater state and federal funding for public transit/multi-modal transportation infrastructure.

Community-Driven/County Supported Actions

- Provide resources to municipalities to incentivize infill development in areas identified for higher density and/or near transit stops



Buildings & Housing

GOALS/ACTIONS

- Consider existing development, redevelopment, and new development scenarios to eliminate emissions.
- Reduce energy use of buildings powered by fossil fuels, and transition to renewable energy where possible.

Potential County Actions:

- Community-wide education on rebates and incentives
- Provide support to municipalities and others eligible for grant-funding and assist with grant applications

Potential Community Actions

- Provide resources for municipal zoning codes to increase development density in targeted areas
- Increase renewable energy use in municipal buildings, including heat-pumps & net-zero municipal buildings.

BUILDINGS & HOUSING



Waste & Recycling – Sustainable Materials Management

GOALS/ACTIONS

- 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.

Possible County Actions

- Provide educational material on the benefits of reducing and diverting organic waste from landfills
- Support and promote repair cafes and consider funding through climate fund

Community-Driven Actions

- Develop partnerships with municipalities/schools and provide technical assistance to support pilot programs on organics management/waste reduction.

WASTE & RECYCLING



Energy Use & Consumption

GOALS/ACTIONS

- 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.

Possible County Actions:

- Provide educational materials on energy conservation, fuel switching, and reduction practices.
- Encourage municipalities to consider community choice aggregation and demand response programs.

Community-Driven Action:

- Identify targets for new development to connect with renewable energy sources, in line with NYS requirements for advancing zero emission construction in new buildings

ENERGY USE & CONSUMPTION



Land & Water Resources

GOALS/ACTIONS

- Protect and conserve existing green spaces
- Improve access to and awareness of local natural resources
- Reduce heat island impacts from the built environment

Possible County Action

- Guidance and support for municipalities on smart development practices through development of a green code or promotion of existing regional/state codes.

Community-driven Actions

- Municipalities encourage farmland protection in land use planning efforts.
- Municipal tree planting programs

LAND & WATER RESOURCES



Partnerships, Education & Economy

GOALS/ACTIONS

- 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.

Possible County Actions:

- Develop a Climate Action Toolkit to provide a “roadmap for success” for businesses and organizations
- Create a recurring community climate public forum for county-wide sustainability goals.

Community-driven actions:

- Identify, support, and protect local economic drivers (i.e. outdoor tourism and recreational assets, agriculture)
- Provide resources to municipal officials, residents and commercial entities about renewable energy options such as battery storage and load shifting.

PARTNERSHIPS, EDUCATION & ECONOMY



NEXT STEPS

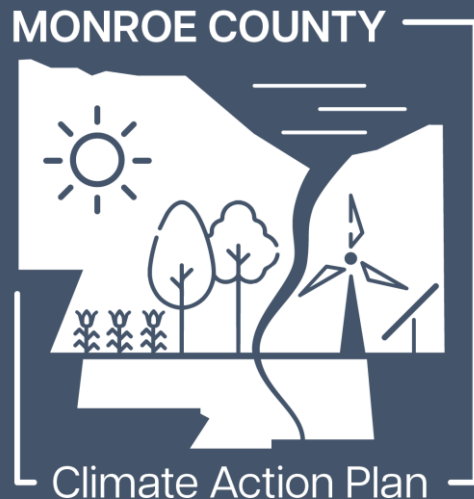
- 3rd Public Workshop – late April 2024
- Referral to County Legislature June/July 2024
- This will be a living document, revisions every 5 years, evolving between now and 2050
- Contact info:

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www.MonroeCountyClimateAction.com



Thank you! Questions?