

Welcome

City of Binghamton
Climate Action Plan, Greenhouse Gas
Inventory and NYS Climate
Certification
Public Meeting
Wednesday, June 28, 2023 * 3 pm to 5 pm



Project Team

- ◆ City of Binghamton
 - ➔ Jared M. Kraham, Mayor, City of Binghamton
 - ➔ Megan Heiman, Deputy Mayor
 - ➔ Juliet Berling, Director of Planning, Housing, and Community Development
- ◆ C&S Companies
 - ➔ Olwen Huxley, Project Manager
 - ➔ Emma Phillips, Planner
 - ➔ Taylor Ross, Energy Engineer
 - ➔ Joni Steigerwald, Public Engagement Lead
 - ➔ Kara Young, GHG & Climate Specialist

Agenda



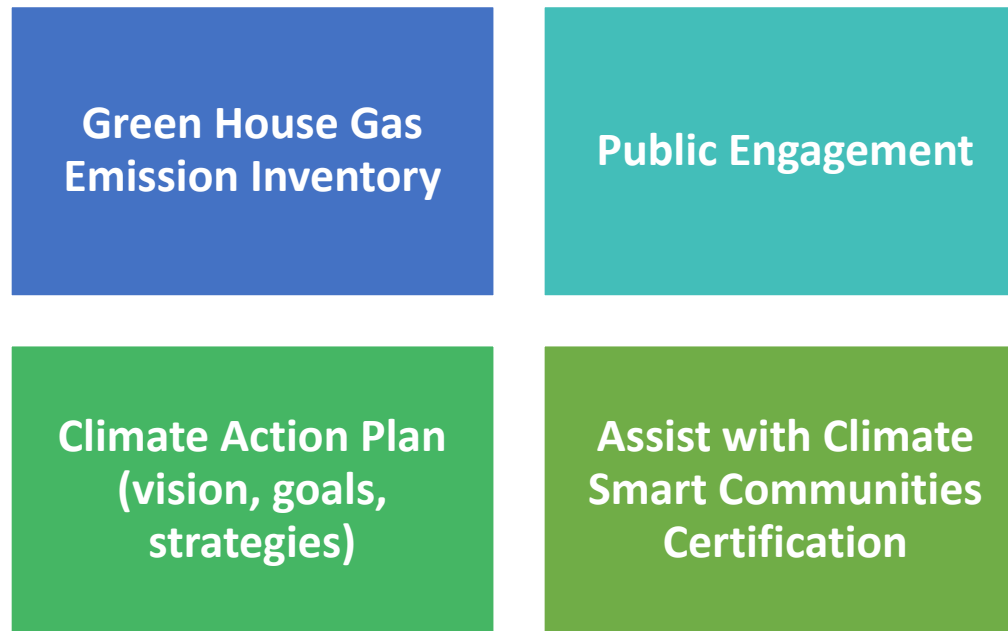
- ◆ Project Background Information
- ◆ Greenhouse Gas (GHG) Emissions Inventory Summary
- ◆ Climate Action Plan
- ◆ Climate Smart Communities
- ◆ Collaboration with Broome County
- ◆ Community Engagement
- ◆ Tell us what you think...

Project Background Information



◆ *Why are we here?*

- Update City's Climate Action Plan and pursue Climate Smart Communities certification



Project Background Information



◆ *How did we get here?*

- Building momentum from:
 1. Previous Energy & Climate Action Plan completed in 2011
 2. NYSERDA Clean Energy Award to the City in 2018

Buildings & Energy

Transportation & Land Use

Waste Management, Reduction, and Recycling

Local Food, Agriculture, and Urban Forestry

Outreach & Education

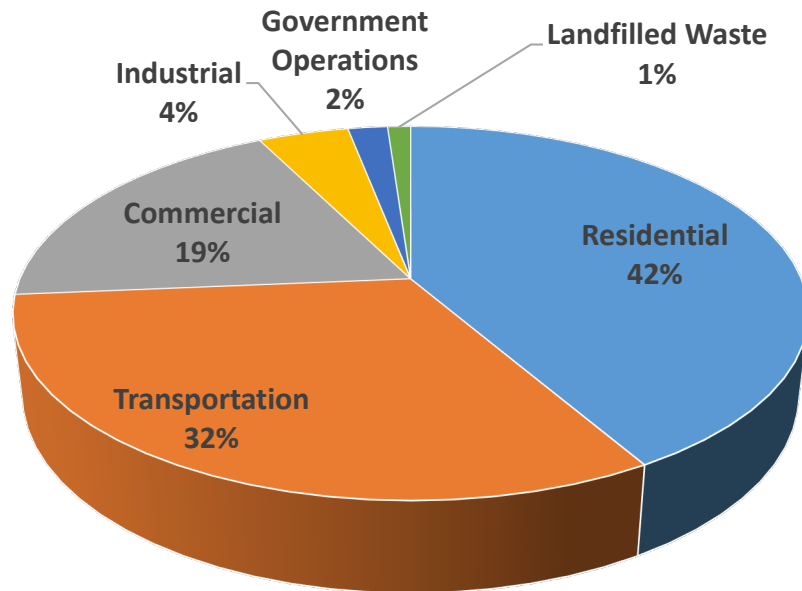
Government Action

Adaptation

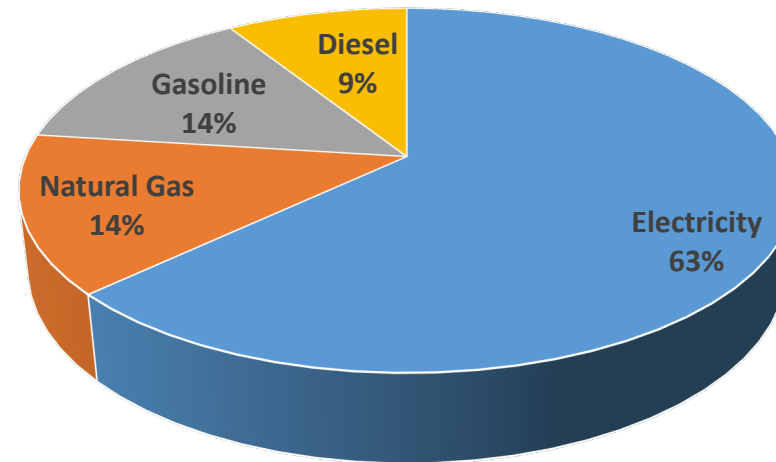
GHG Inventory - 2006

- ◆ 2006 Greenhouse Gas Inventory –
 - Completed in 2009 using 2006 as a base year
 - Calculated using proprietary program through ICLEI
 - Established emission target reduction of 25% below 2006 levels by 2025.

2006 City of Binghamton Emissions

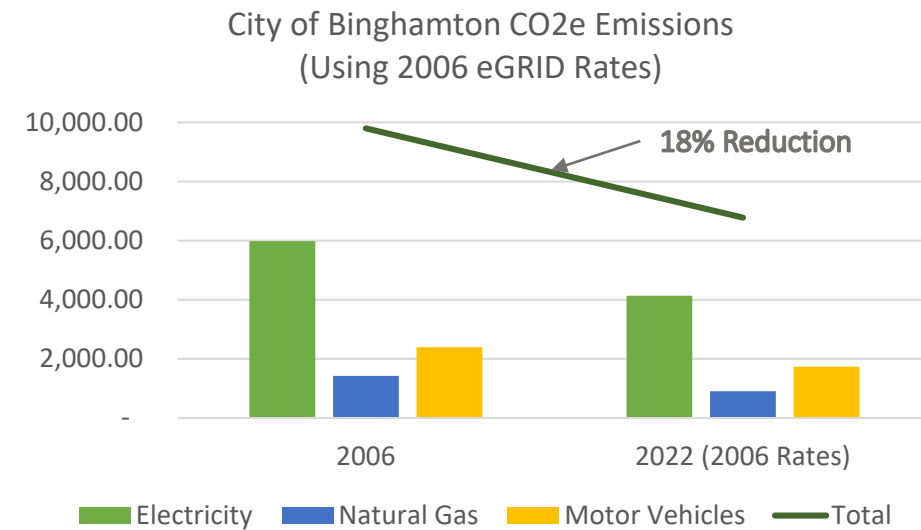
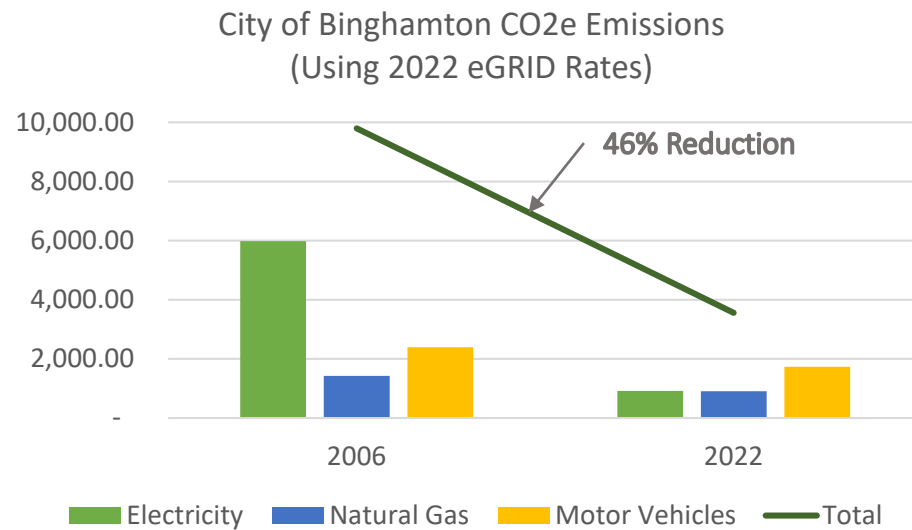


2006 Emissions from Government Operations by Fuel Type (2% of Total)

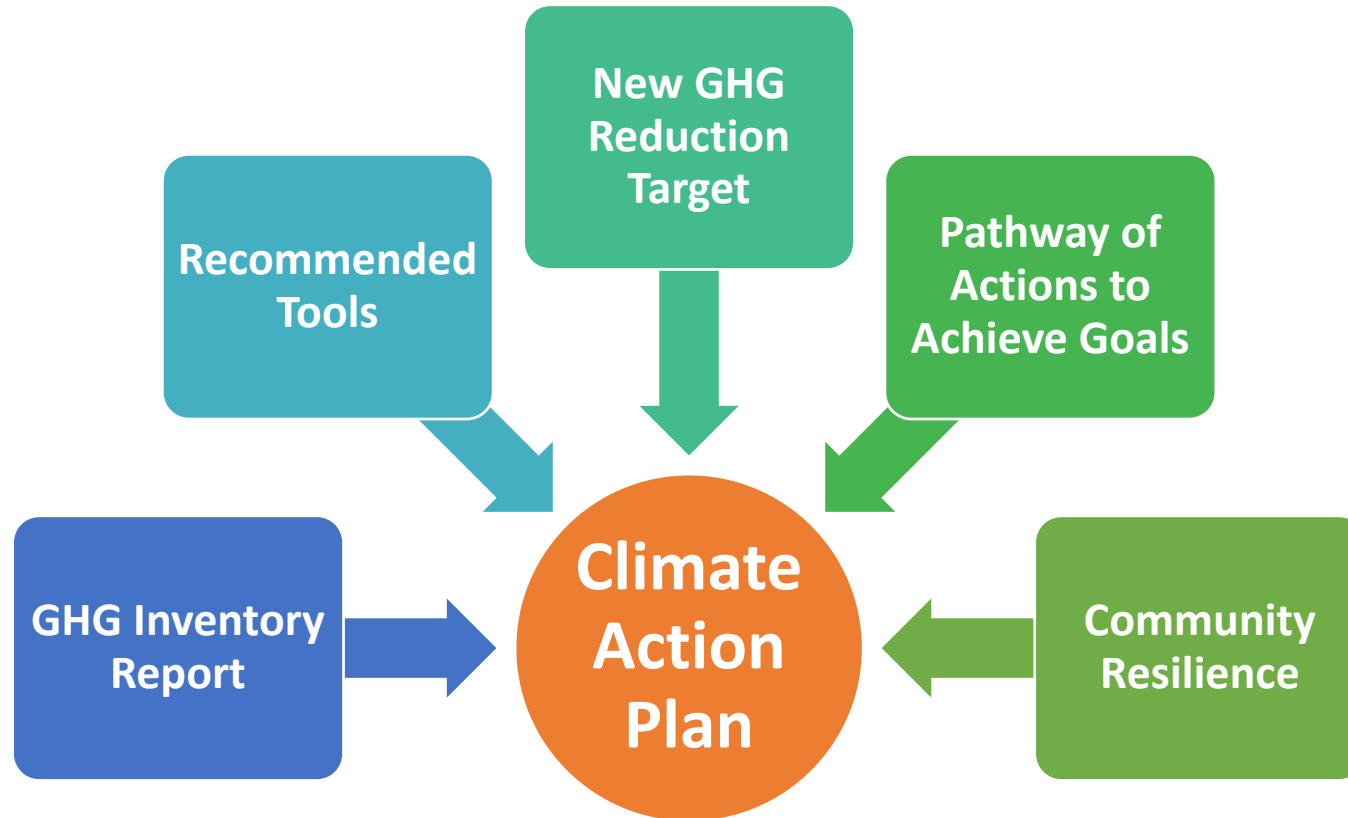


GHG Inventory – 2022

- ◆ 2022 Greenhouse Gas Inventory (so far) – for the City (does not include community)
 - Calculated using publicly-available tool developed by USEPA
 - Includes City-owned and Community-owned sources
 - Preliminary calculations show reduction due to City-led initiatives and improvements to New York State’s energy grid



Climate Action Plan



Climate Smart Communities



◆ How the Process Works

- New York State points-based system
- Points earned for climate actions in multiple categories
- Emphasis on reducing GHG emissions AND increasing community preparedness

◆ Scoring/Certification

- 120 points for Bronze Certification
- 300 points for Silver Certification

◆ Access to grants

- Participating communities are eligible for 50/50 grants to pay for projects that are part of certification or Climate Action Plans, including fleet management, GHG mitigation, flood mitigation and planning, and more...

◆ <https://climatesmart.ny.gov/>



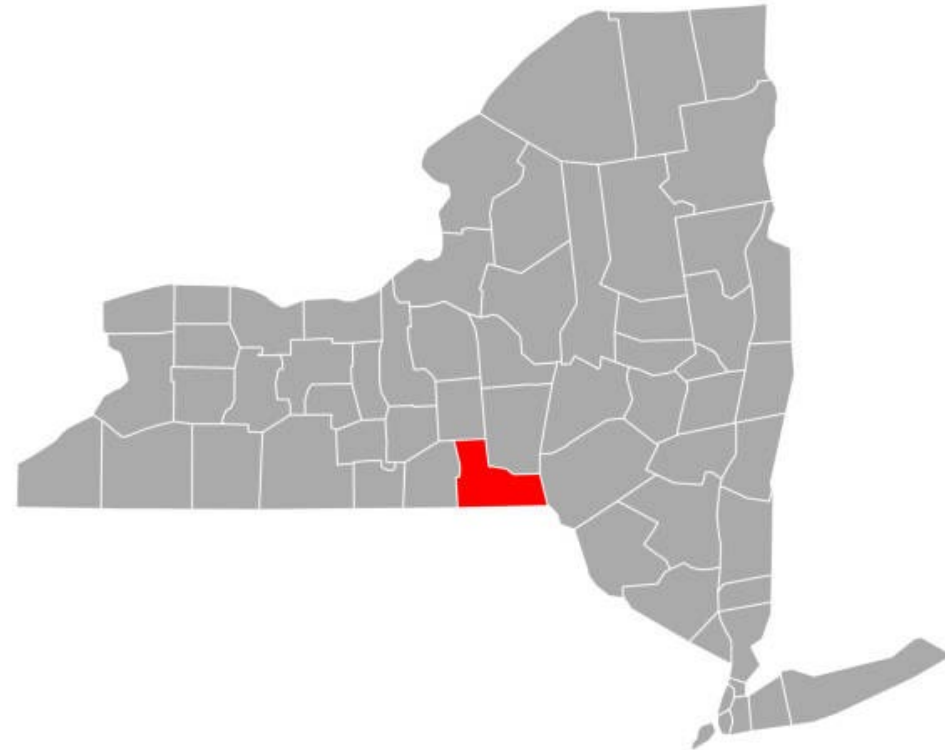
**Climate Smart
Communities**

100 CERTIFIED SINCE 2014



Collaboration with Broome County

- ◆ Preliminary meeting with Broome County, monthly meetings to follow
- ◆ Broome County is going through a 2nd iteration of their Climate Action Plan and Climate Smart Communities
- ◆ Potential areas for the City and the County to work together on climate actions such as:
 - Transportation
 - Renewable energy
 - Land use
 - Stormwater management
 - Community resilience



Community Engagement

◆ Public Engagement

- Two Public Meeting
- Potential Community events
 - Downtown Binghamton Courtyard Market – Tuesdays
 - JulyFest – July 7-9
 - Harper Stantz Music Festival – July 9

◆ Climate Advisory Committee Engagement



Tell us what you think...

Challenges & Opportunities



Buildings & Energy

- Promoting energy efficiency and the use of renewable energy

Transportation & Urban Planning

- Urban planning and smart growth; promote multi-modal transportation

Waste Management, Reduction, and Recycling

- Municipal solid waste; County recycling program

Local Food, Agriculture, and Land Use

- Sustainable local farming, land use, and forestry to promote carbon absorption

Moving Forward / Resilience

- Preparation, response and recovery to floods, fires, and heat

Project Contact Information:

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Project Web Page:

<https://www.binghamton-ny.gov/government/departments/planning-zoning-historic-preservation-department/plans-reports-studies/climate-action-plan-2023>