

# New York State Comprehensive Climate Planning



Climate Action Council Scoping Plan and U.S. EPA Climate Pollution Reduction Grants Program

#### **CPRG Background**

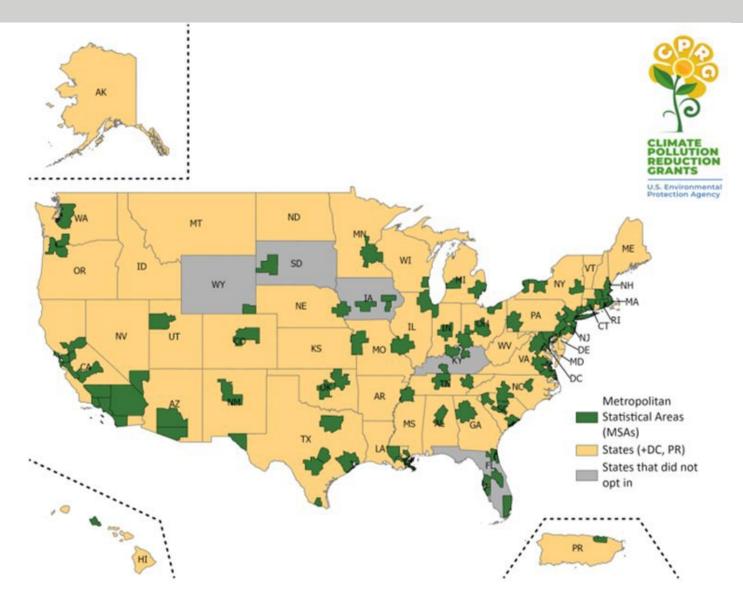
#### CPRG planning grant:

 All states had the opportunity to receive \$3 million to start planning for GHG reduction

There are 3 planning grant deliverables:

- Priority Climate Action Plan (PCAP) DEC submitted March 2024
- Comprehensive Climate Action Plan (CCAP) due December 2025
- Status Report due September 2027

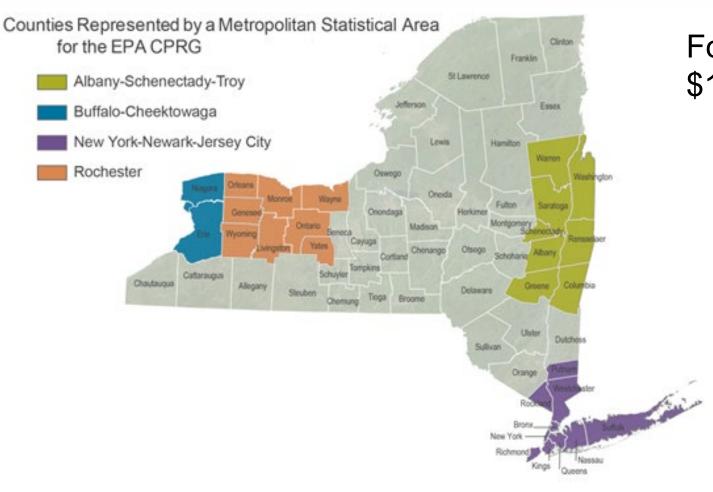
#### **CPRG Planning Grant Recipients**



# Additional Planning Grantees

- 4 territories
- 90 tribes and tribal consortia (covering ~225 tribes)

#### **NYS Metropolitan Statistical Areas**



Four MSAs in New York received \$1 million in planning funds

- New York-Newark-Jersey
   City
- Albany-Schenectady-Troy
- Rochester
- Buffalo-Cheektowaga

#### **Timeline**

Initial
Outreach and
Analysis of
PCAP
Measures

Oct-Dec 2023

Provided overview of CPRG

Received input on priority measures

Identified measures for analysis

Estimated GHG reduction associated with measures

Draft and Submit PCAP

Jan-March 2024

**Completed PCAP** 

Ensured the PCAP covered potential implementation projects

Implementation Grant Deadline

April 1, 2024

Submitted
application to EPA
for implementation
activities
consistent with
PCAP measures

**CCAP Outreach** 

Jan-Dec 2025

Continue CPRG outreach, including on NYS Scoping Plan

Discuss implementation of measures



Perform
Analyses and
Draft CCAP

April-Dec 2025

Complete
additional required
analyses
to support
implementation

Incorporate feedback from outreach

**Submit CCAP** 

Due Dec 2025

Submit the CCAP to EPA consistent with CPRG Planning Grant Requirements

Additional Planning Activities with State Agencies and Coordination with MSAs

# **Comprehensive Climate Plans**

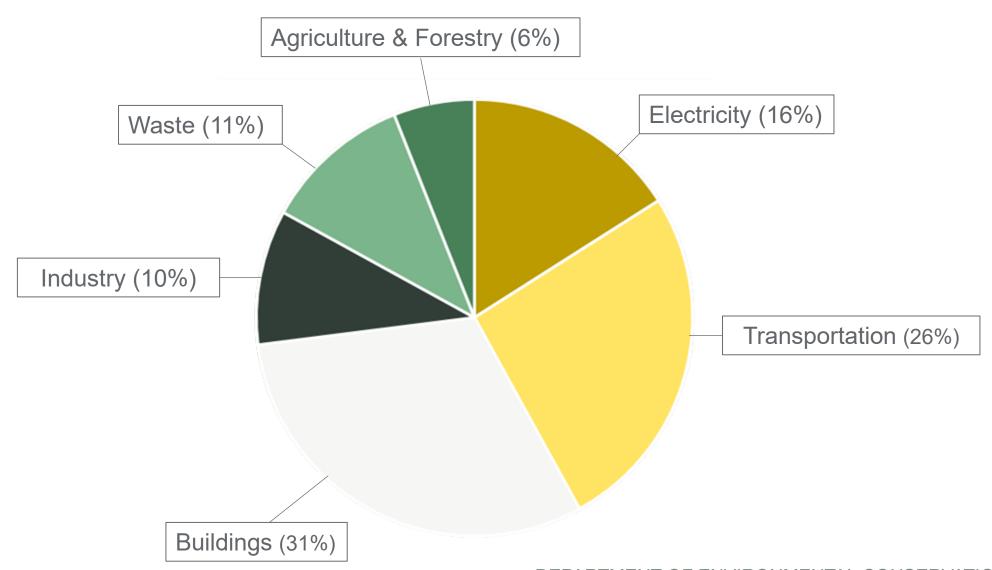


#### **Climate Action Council Scoping Plan**

The Scoping Plan is the framework for how New York will reduce greenhouse gas emissions and achieve net-zero emissions, increase renewable energy use, and ensure all communities equitably benefit in the clean energy transition.



#### **Scoping Plan Sectors**



#### **Scoping Plan Highlights**

The Scoping Plan addresses GHG emissions from all sectors of the economy. There are several key strategies identified:

- Energy efficiency and building electrification
- Zero emission electricity
- Transportation electrification
- Enhance public transit and implement smart growth
- Transition to low GWP refrigerants and enhance refrigerant management
- Maximize carbon sequestration in forests
- Mitigate methane from the waste, agriculture, and energy sectors
- Diverse portfolio of solutions in industrial sector

#### **New York State's CCAP**

With the Climate Action Council Scoping Plan as the basis, the CCAP will:

- Reiterate New York State's near-term and long-term GHG emission reduction targets
- Identify a broad range of GHG emission reduction measures across all economic sectors
- Assess co-benefits for all communities, particularly LIDAC
- Discuss implementation authority and barriers, potential funding strategies, and workforce needs

#### **Polling on Mentimeter**

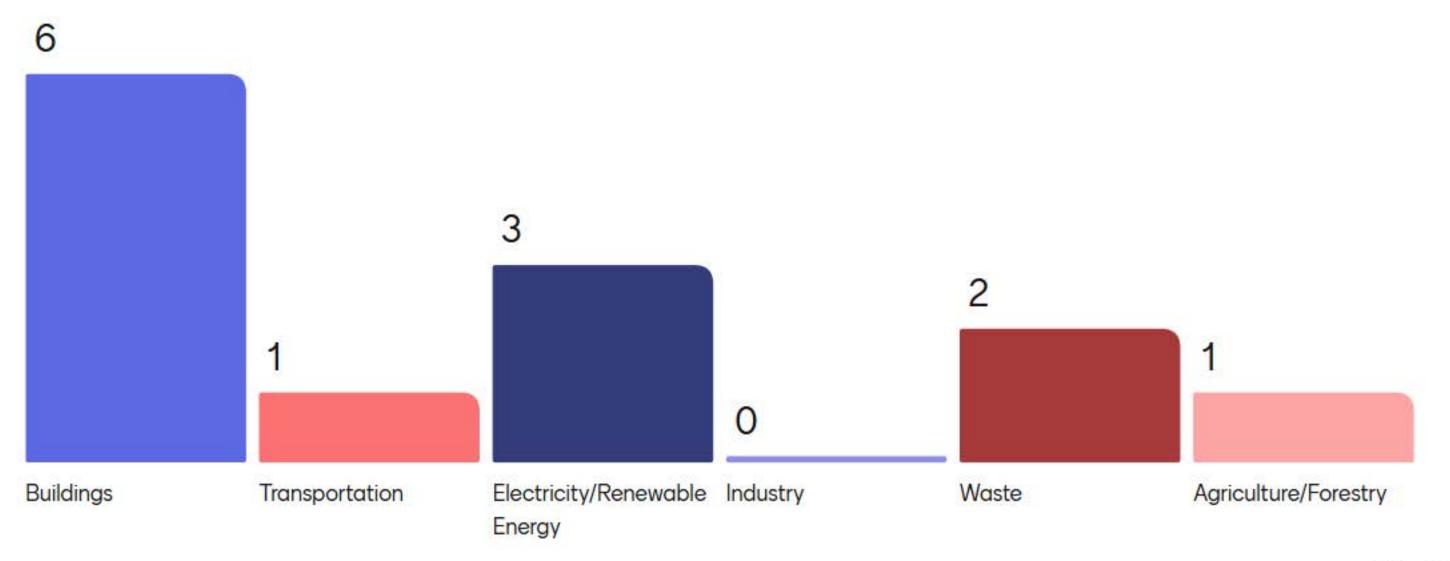


In one word, how would you describe the state's Scoping Plan, or what you know about the state's climate goals?



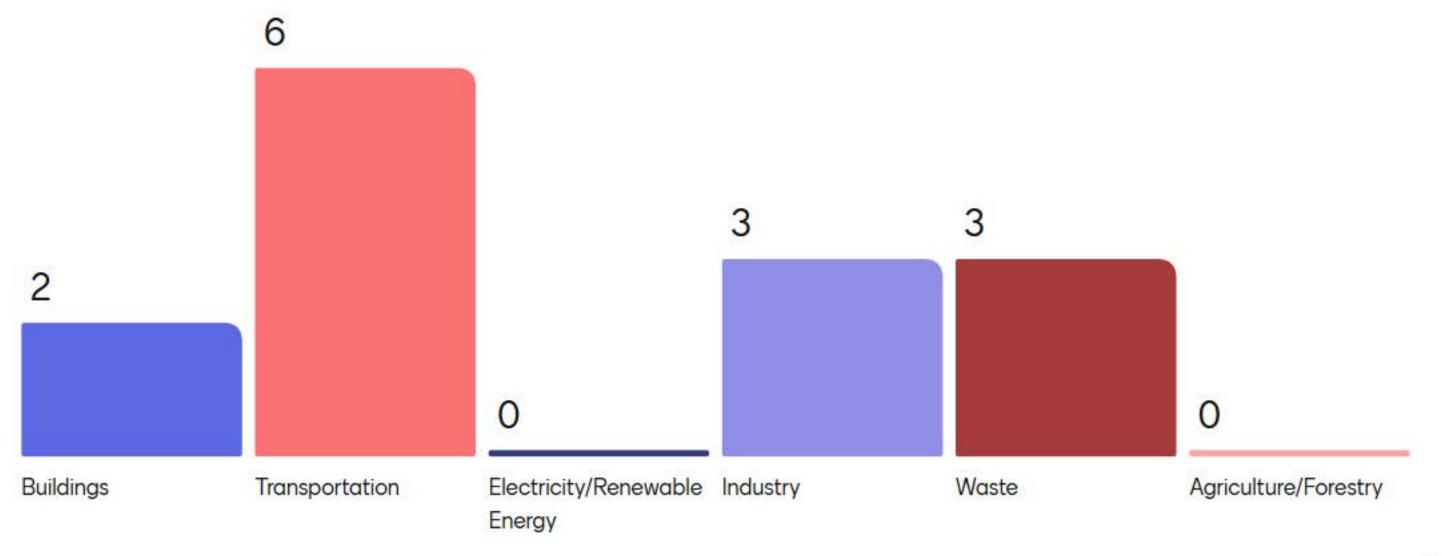


Which area have you had the most success with, in terms of implementing projects or policies that would reduce emissions in your community?





Which area have you had the most barriers with, in terms of implementing projects or policies that would reduce emissions in your community?



What resources would be most helpful in overcoming barriers in order to complete projects or policies that would reduce emissions in your community?

Funding	MONEY!!	Funding
Money - grants	Technical assistance, Funding.	Additional funding
Grants	Reduced bureaucracy and program rules	Leadership
\$\$\$\$	Community engagement	Education
Technical assistance	\$\$\$\$\$\$	More incentives
Accessing Capital	funding	\$\$
Incentives		

# Buildings | | | |

#### Recommended Strategy Themes:

- Adopt Zero-Emission Codes and Standards and Require Energy Benchmarking for Buildings
- •Scale Up Public Financial Incentives and Expand Access to Public and Private Low-Cost Financing for Building Decarbonization
- •Expand New York's Commitment to Market Development, Innovation, and Leadingby-Example in State Projects
- •Transition from Hydrofluorocarbons

- •Adopt Advanced Codes for Highly Efficient, Zero-Emission, and Resilient New Construction
- Require Energy Benchmarking and Disclosure
- Support Development of Thermal Energy Networks
- Scale Up Public Awareness and Consumer Education

# Electricity \( \bigcip \mathbb{\frac{1}{2}} \end{array}

#### Recommended Strategy Themes:

- Transform Power Generation
- Enhance the Grid
- Invest in New Technology

- •Retirement and/or Repurposing of Fossil Fuel Fired Facilities
- •Accelerate Growth of Large-Scale Renewable Energy Generation
- Facilitate Distributed Energy Resources
- Support Clean Energy Siting and Community Acceptance
- •Invest in Transmission and Distribution Infrastructure Upgrades



- Support Workforce Development
- Incentivize Procurement of Low-Carbon Products
- Establish Greenhouse Gas Registry and Reporting System

#### **Feedback**

#### Please consider the following questions:

- What are some of your successes in implementing climate action within these sectors?
- Why do you think these efforts were successful?
- What were challenges in implementing plans, programs, or projects?
- What advice would you give to another organization, municipality, or community group that would like to complete a similar project?
- What additional types of resources or support would help these efforts?



#### Recommended Strategy Themes:

- Transition to Zero-Emission Vehicles and Equipment
- Enhance Public Transportation and Mobility Alternatives
- Promote Smart Growth and Mobility-Oriented Development
- Facilitate Market-Based Solutions and Financing

- Light-duty ZEV Adoption
- Adoption of Zero-emission trucks, buses, and non-road equipment
- Mobility-Oriented Development
- •Expanding the Availability of Low-Carbon Active Transportation Alternatives

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### Waste 🖒 🛗

#### Recommended Strategy Themes:

- Reduce, Reuse, and Recycle Waste
- Monitor, Detect, and Reduce Fugitive Emissions
- Establish Markets for Recovered Resources and Biogas Utilization

- Organic Waste Reduction and Recycling
- Refrigerant Leak Reduction and Destruction

#### Agriculture and Forestry 📻 🕹







#### Recommended Strategy Themes:

- Promote Sustainable Forest Management
- Advance Livestock Management Strategies
- Improve Soil Health, Nutrient Management, and Agroforestry

- Prevent forest pests, diseases, and invasive species and restore degraded forests
- Maintain and improve sustainable forest management practices and mitigation strategies
- Advance alternative manure management
- Bolster local agricultural economies

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# Local Governments Chapter

- Develop Local Energy Policies
- Provide Clean Energy Siting Support for Local Governments
- Promote Municipal Leadership to Support Clean Energy Adoption
- Provide State Support and Guidance

#### **Feedback**

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# **Next Steps**



#### **To Provide Feedback**

Complete and share the survey: <a href="https://forms.office.com/g/Rvxd7WG145">https://forms.office.com/g/Rvxd7WG145</a>!

Send an email to <a href="mailto:climatechange@dec.ny.gov">climatechange@dec.ny.gov</a>

To review the Climate Action Council Scoping Plan, visit:

https://climate.ny.gov/Resources/Scoping-Plan

To review information about the CPRG Program:

https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants

#### **Helpful DEC Resources**

Environmental Bond Act Funding Finder



DEC Climate Change Webpage (general info, fact sheets, resources, etc.)



Climate Action Council Scoping Plan





# Department of Environmental Conservation