



NJ Climate Pollution Reduction Grant Program Transportation Workshop

November 28th, 12:00PM, 2023



Meet the Team

Lead Presenter



Doug Benton

NJDEP, Climate
Change & Clean
Energy

Co-Presenter



**Zenon Tech-
Czarny**

NJTPA, Environmental
Planning

Co-Presenter



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NJDEP, Mobile Sources

Co-Presenter



Gil Botham

NJDEP, Mobile Sources

What is CPRG?

The **Climate Pollution Reduction Grant (CPRG) program** is a nationwide, two-phase EPA grant, funded via the Inflation Reduction Act

Phase One: \$250 Million

Noncompetitive planning grants to states, local governments, tribes, and territories to develop and implement climate action plans for reducing greenhouse gas emissions and other harmful air pollution.

Phase Two: \$4.6 Billion

Competitive implementation grants to carry out the greenhouse gas reduction measures proposed in the climate action plans.



For more information visit: <https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants>

CPRG Phase I · Grant Recipients

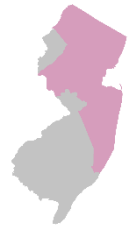
4 Planning Grants covering New Jersey



State of New Jersey

NJDEP Lead

Statewide



New York-Newark-Jersey City, NY-NJ-PA Metro Area

NYCEDC + NJTPA Lead

Covered Counties: Essex, Hunterdon, Morris, Sussex, Union, Middlesex, Monmouth, Ocean Somerset, Bergen, Hudson, Passaic



Allentown-Bethlehem-Easton, PA-NJ Metro Area

LVPC Lead

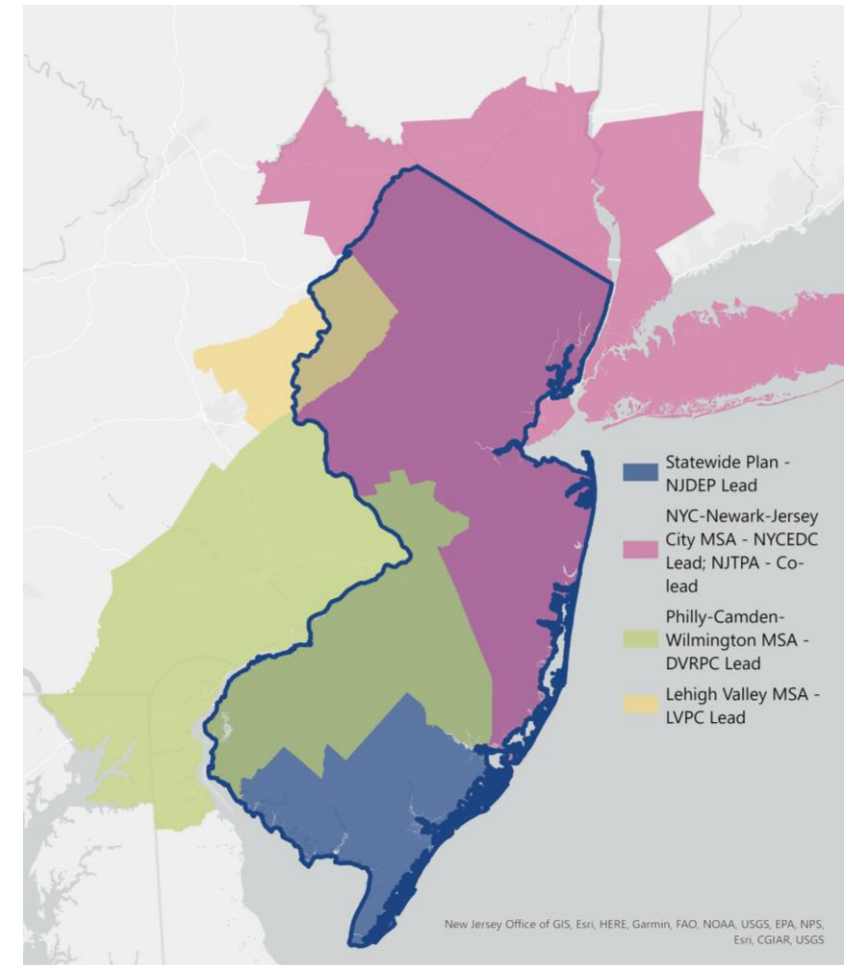
Covered Counties: Warren



Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metro Area

DVRPC Lead

Covered Counties: Burlington, Camden, Gloucester, Mercer, Salem



CPRG Workplan Areas within New Jersey

CPRG Phase I · Planning Grants

One planning grant, three deliverables over 4 years



Priority Climate Action Plan (PCAP) *Due March 2024*

- Near-term, implementation ready, priority greenhouse gas reduction
- Prerequisite for implementation grant



Comprehensive Climate Action Plan (CCAP) *Due Mid-2025*

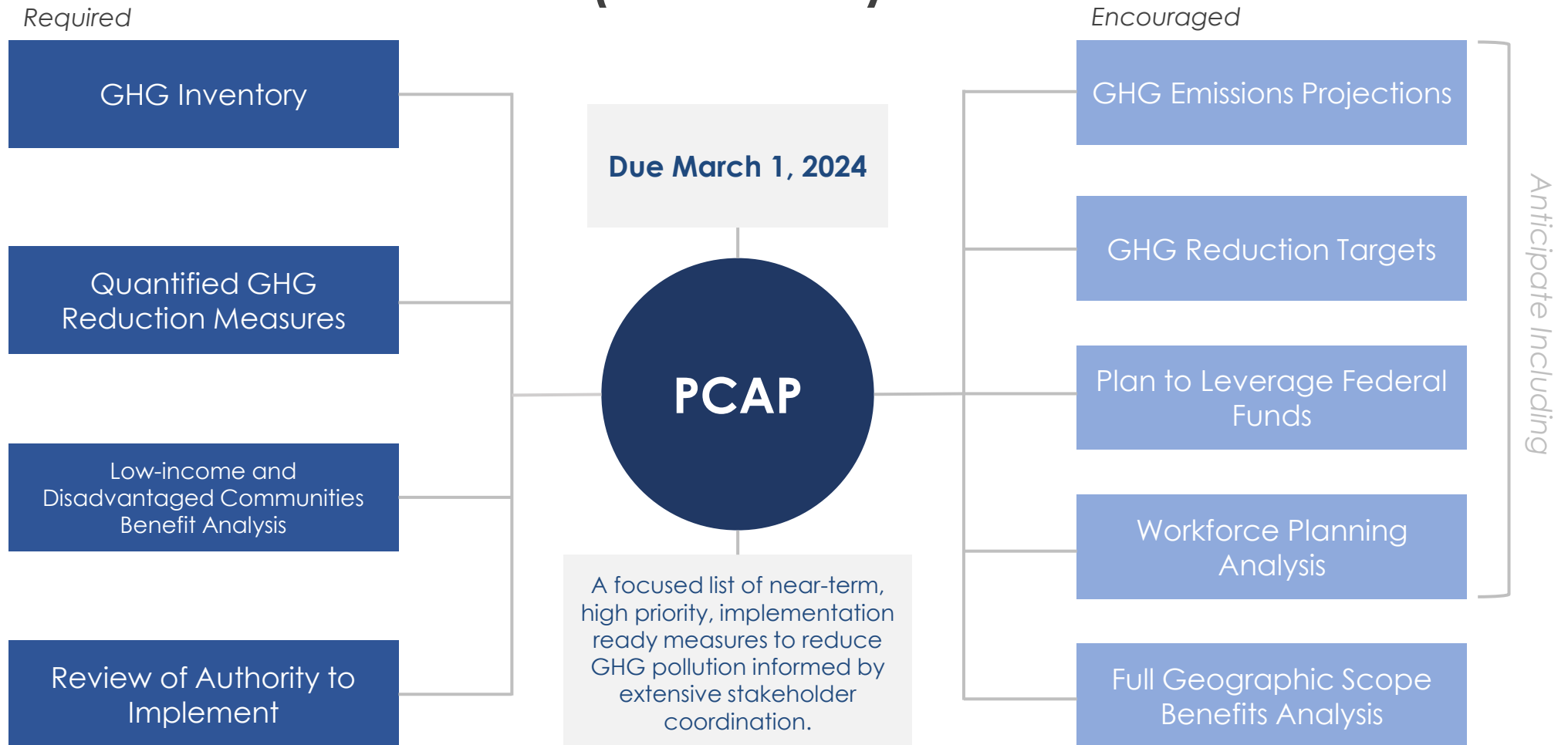
- All sectors/significant greenhouse gas sources and sinks
- Near- and long-term greenhouse emission reduction goals and strategies



Status Update Report *Due 2027*

- Update on implementation, analysis and plans
- Progress and next steps for key metrics

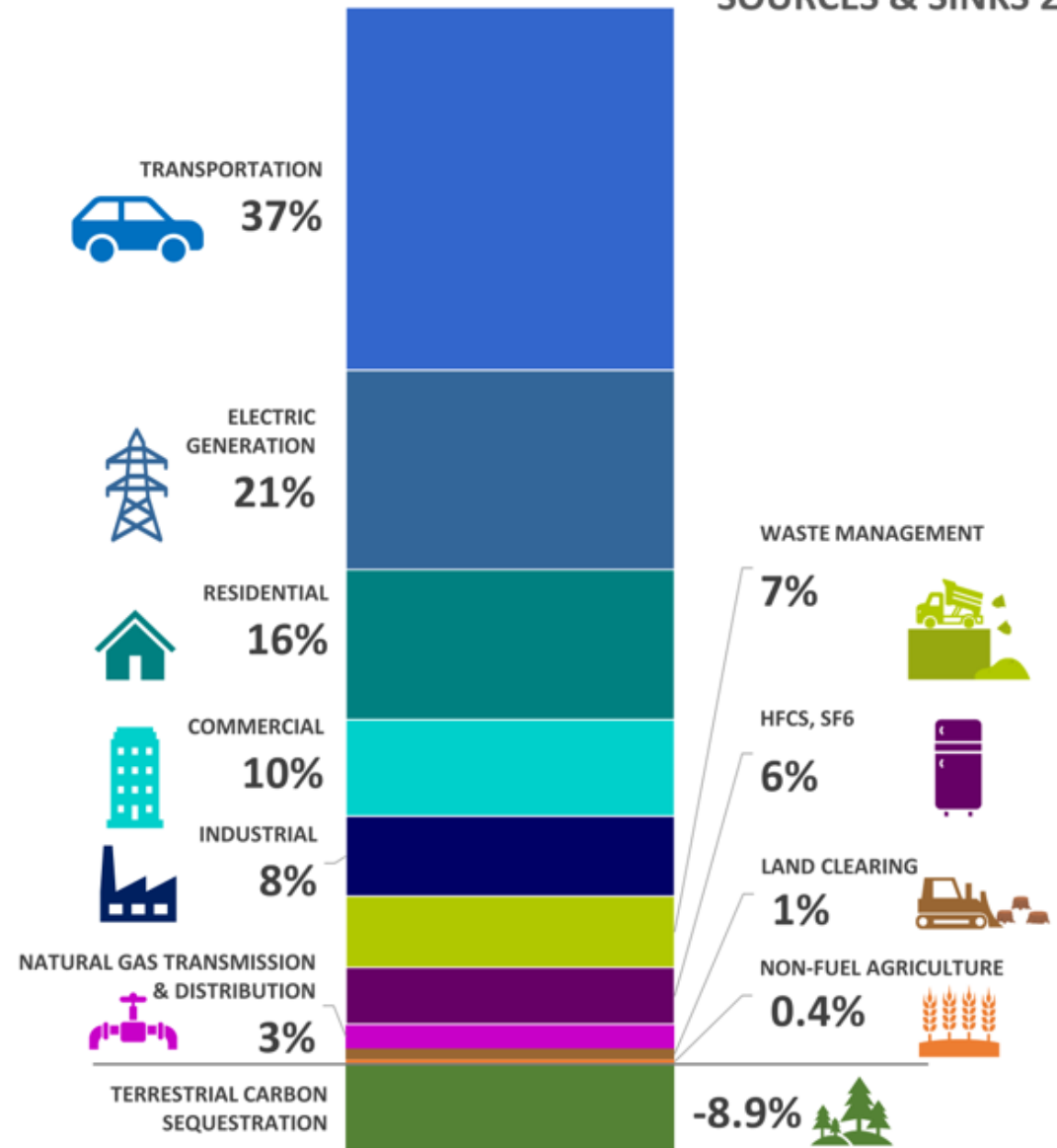
New Jersey's Priority Climate Action Plan (PCAP)



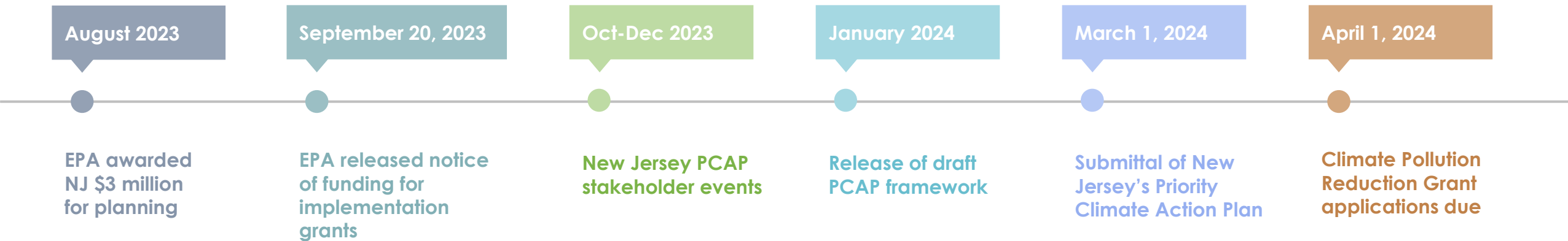
New Jersey's Priority Sectors for PCAP

- Transportation
- Buildings
- Electric Generation
- Organic Waste
- Hydrofluorocarbons (HFCs) / Highly Warming Gases
- C-Sequestration

NJ GREENHOUSE GAS SOURCES & SINKS 2020



Timeline for PCAP Development



CPRG Phase II · Implementation Grants Eligibility

Open to entities who:

1. Received a CPRG planning grant, or
2. Eligible entities that did not receive a CPRG planning grant but are applying for funds to implement measures included in an applicable Priority Climate Action Plan

Eligible Applicants

- ✓ Metropolitan Statistical Areas (MSA)
- ✓ County
- ✓ Municipality
- ✓ Air pollution control agency
- ✓ Tribe

Implementation grant

4.6 billion funded
from EPA for
carbon reduction
projects

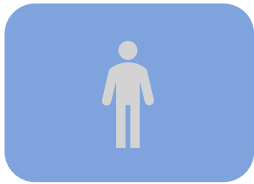
PCAP

All projects to
be included in NJ

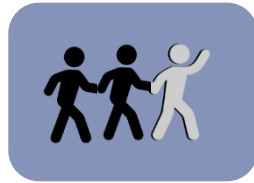
CPRG Phase II · Implementation Grant

Key Considerations

Eligible entities can submit at most two lead applications



*Individual
Application*



*Lead of a Coalition
Application*

Eligible entities can be a partner in numerous coalition applications



EPA will not award multiple grants to implement the same measures in the same location

Coalitions may not submit multiple applications for the same set of GHG reduction measures using different lead applicants

Applications will be evaluated holistically

CPRG Key Deadlines

September 2023	Implementation Grant NOFO Issued
Feb 1, 2024	Notice of Intent to Apply for Implementation Grant Due
March 1, 2024	PCAP due
April 1, 2024	Implementation Grant applications due
July 2024	Awards for Implementation Grants
Summer 2025	CCAP due
2027	Status Report due

NJTPA Region

Bergen

Essex

Hudson

Hunterdon

Jersey City

Middlesex

Monmouth

Morris

Newark

Ocean

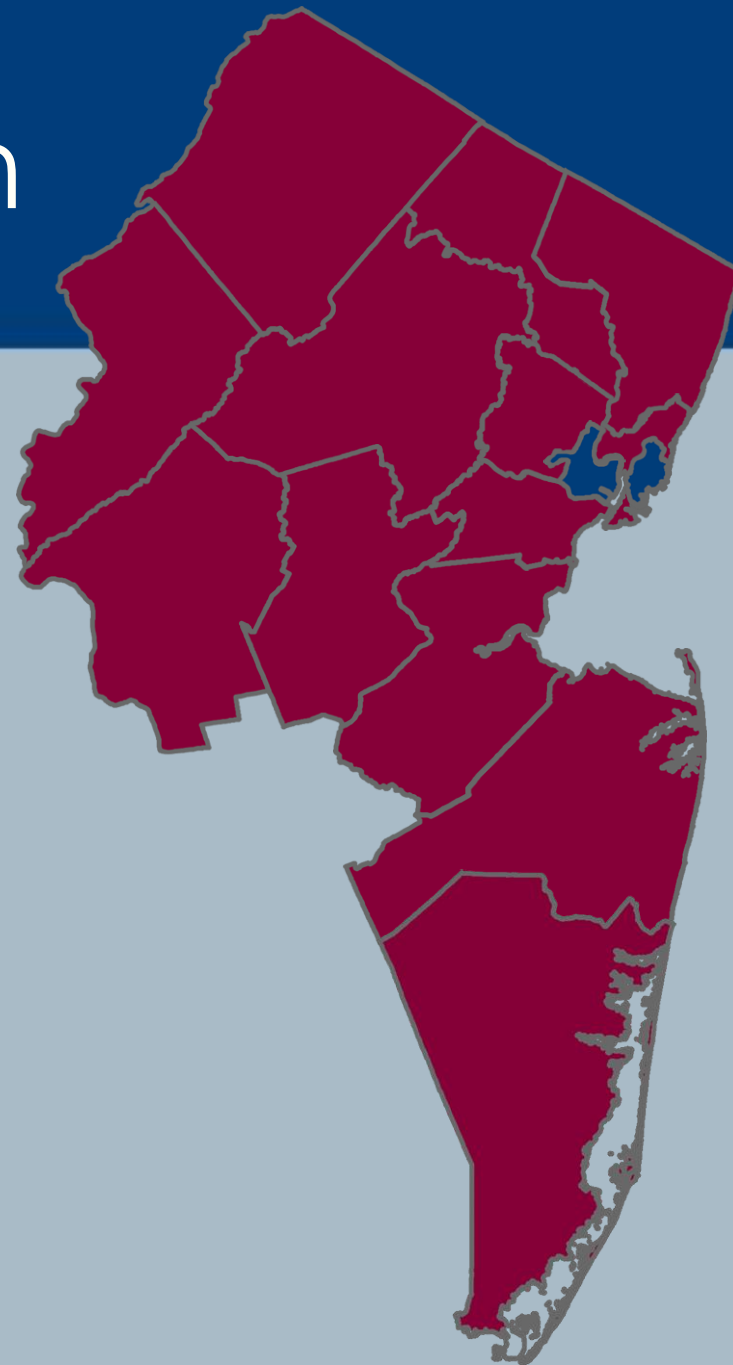
Passaic

Somerset

Sussex

Union

Warren

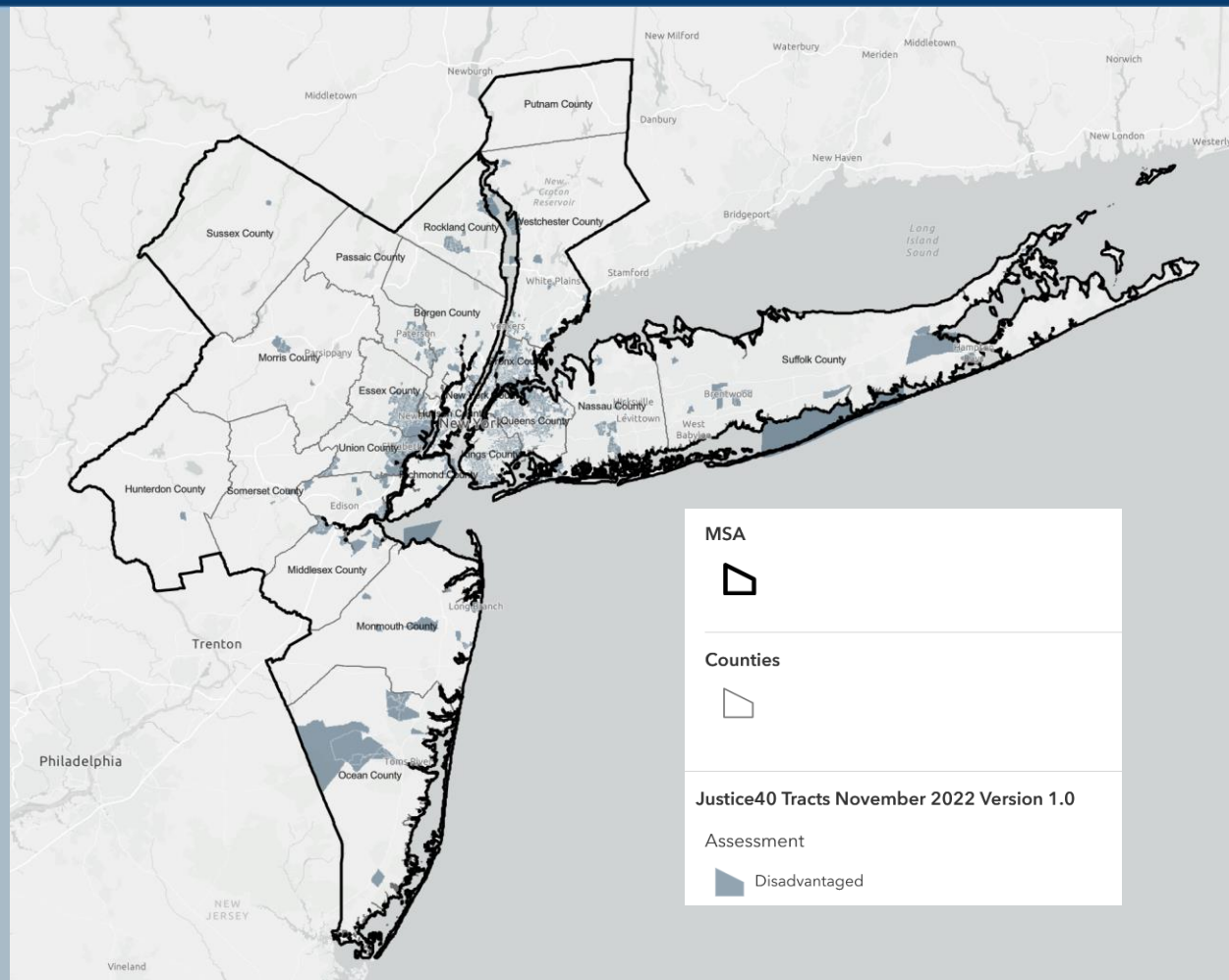


Climate Action Planning for the Region

Learn about climate action planning underway for the New York and North Jersey Metro area.

New York City Economic Development Corporation (NYCEDC), in partnership with the New York City Mayor's Office of Climate & Environmental Justice (MOCEJ), the New York Metropolitan Transportation Council (NYMTC) and the North Jersey Transportation Planning Authority (NJTPA), received a [Climate Pollution Reduction Grant](#) (CPRG) from the United States Environmental Protection Agency (EPA) to do climate action planning for the New York-Newark-Jersey City NY-NJ Metropolitan Statistical Area (MSA).

This MSA includes New York City, Lower Hudson Valley, Long Island, Northern and Central New Jersey (A map is below). The United States Office of Management and Budget delineates MSAs — core areas with substantial populations. The 2020 Census was used to define these areas.



Get Involved



Are you interested in becoming a Stakeholder? Stakeholders include counties, municipalities, non-government organizations, and members of the public in the MSA. Interested stakeholders can complete this form to be included in the planning process.

[Stakeholder Form](#)



We are interested in your comments and ideas for strategies, measures, actions, and projects related to this planning process. Please share your comments and ideas by clicking the "Comments and Ideas Form" button below.

[Comments and Ideas Form](#)



Transportation Deep Dive

Transportation Pathways



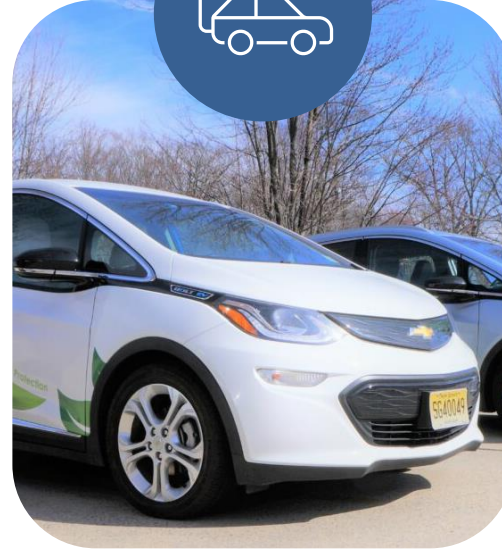
Transit

e.g. Transit buses,
passenger rail; Increasing
ridership



Active transportation

e.g. Biking, walking



Electrification

e.g. Trucks, buses,
passenger vehicles

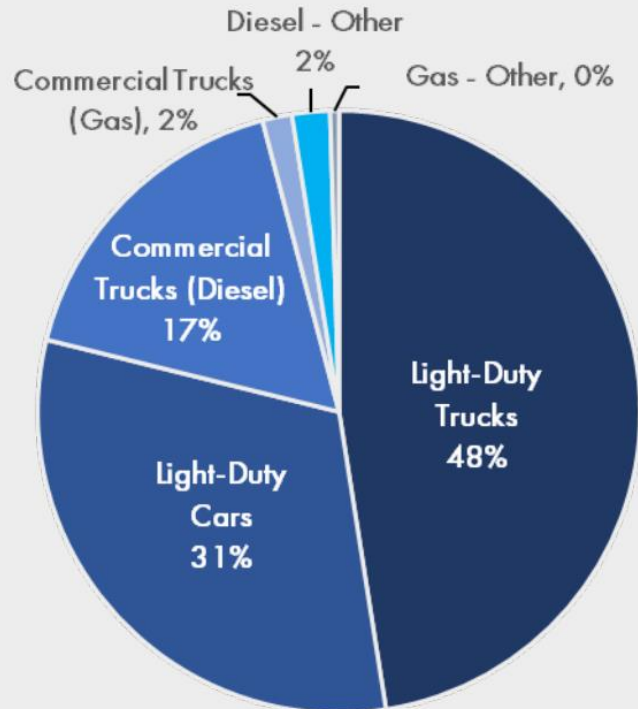


Infrastructure

e.g. charging
infrastructure and grid-
supportive technologies

Transportation Snapshot

Sources of Transportation Emissions (2018)

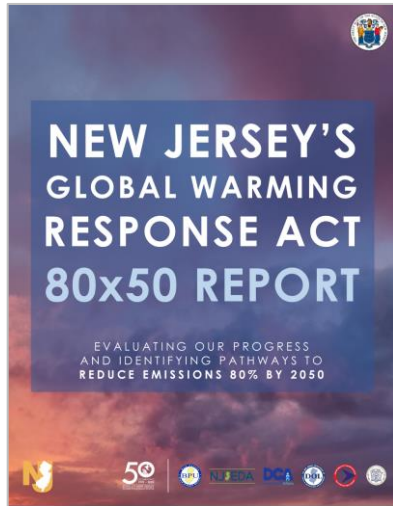


GWRA 80x50 Report, Figure 2.1

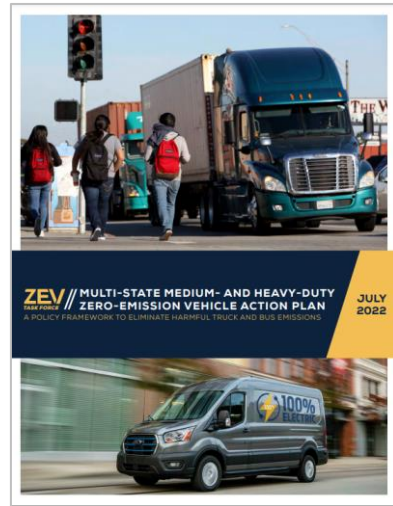
Goals

- Advanced Clean Trucks (ACT)
 - Requires medium- and heavy-duty vehicle manufacturers to sell an increasing percentage of ZEVs
- Advanced Clean Cars II (ACCCII)
 - Requires light- duty vehicle manufacturers to produce an increasing percentage of ZEVs, ramping up to 100% by 2035
- EV Law
 - 400 public fast charging stations at 200 locations in the state & 1,000 public Level Two chargers in the state
- EV Law
 - 50% of franchised overnight lodging establishments & 30% of all multi-family properties are equipped for EV charging

Building on Existing Plans



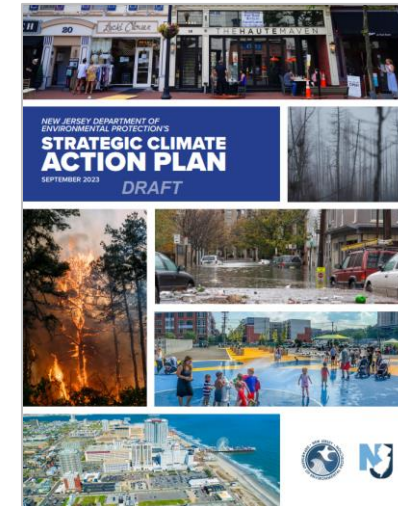
Sector-wide



Medium- and heavy-duty electrification



Statewide EV Infrastructure Plan



Sector-wide



Sector-wide

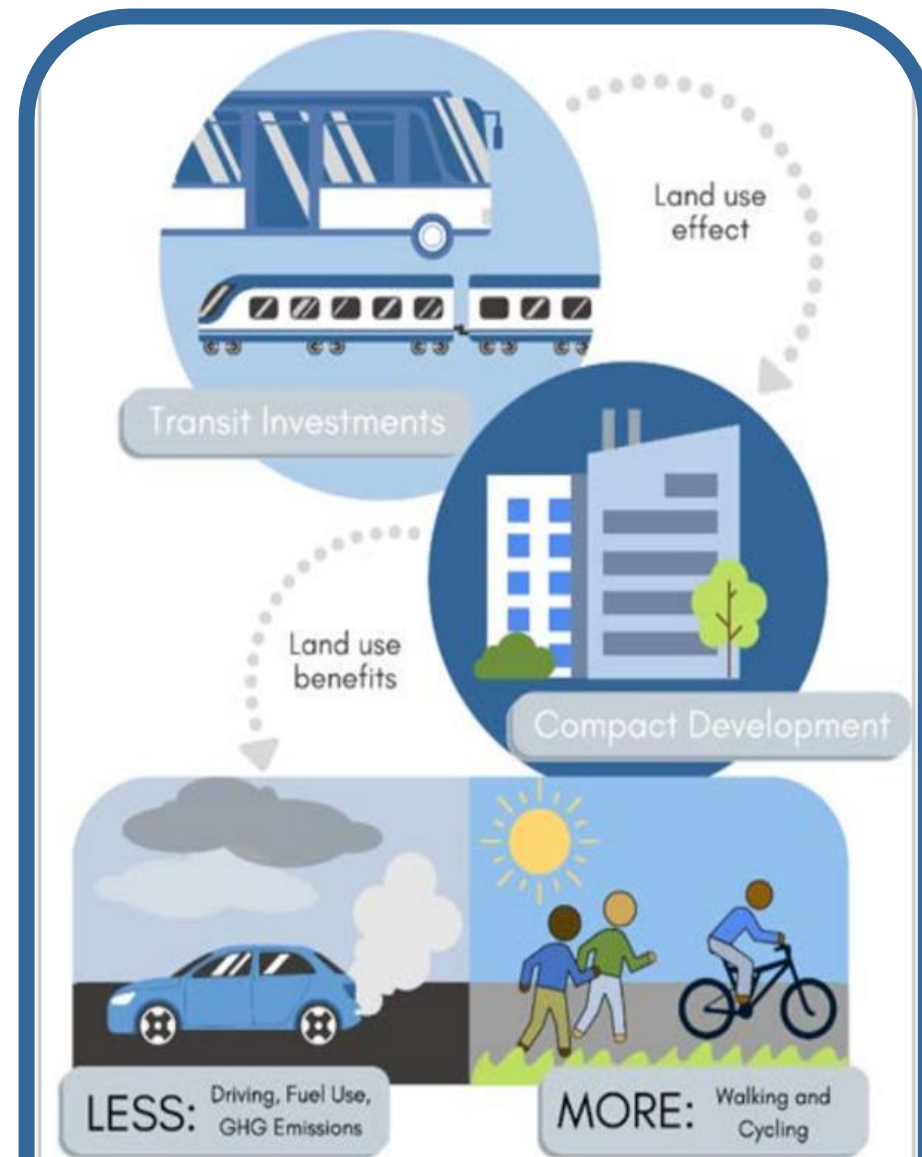
Strategy: Transit

Current programs

- Transit villages program
- Support for commuter vanpool programs
- Development of Tap & Ride programs

Upcoming programs

- Increased public transportation capacity
- Continued promotion of transit-oriented development



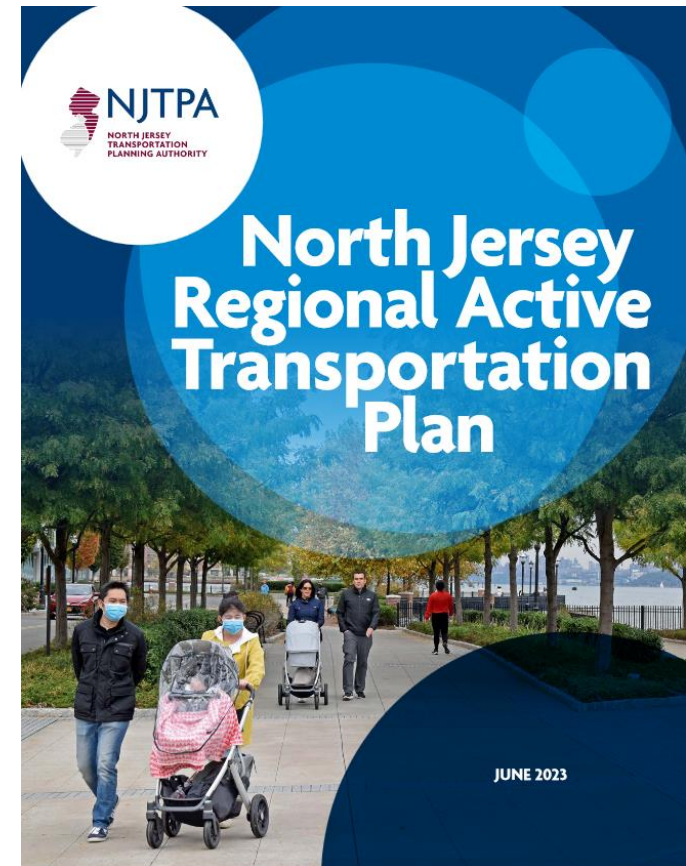
Strategy: Active Transportation

Current programs

- Subregional Studies
- Planning for Emerging Centers
- Complete Streets Technical Assistance
- Partner Programs
 - Safe Routes to School
 - Transportation Alternatives Set-Aside

Upcoming Programs

- Carbon Reduction Program



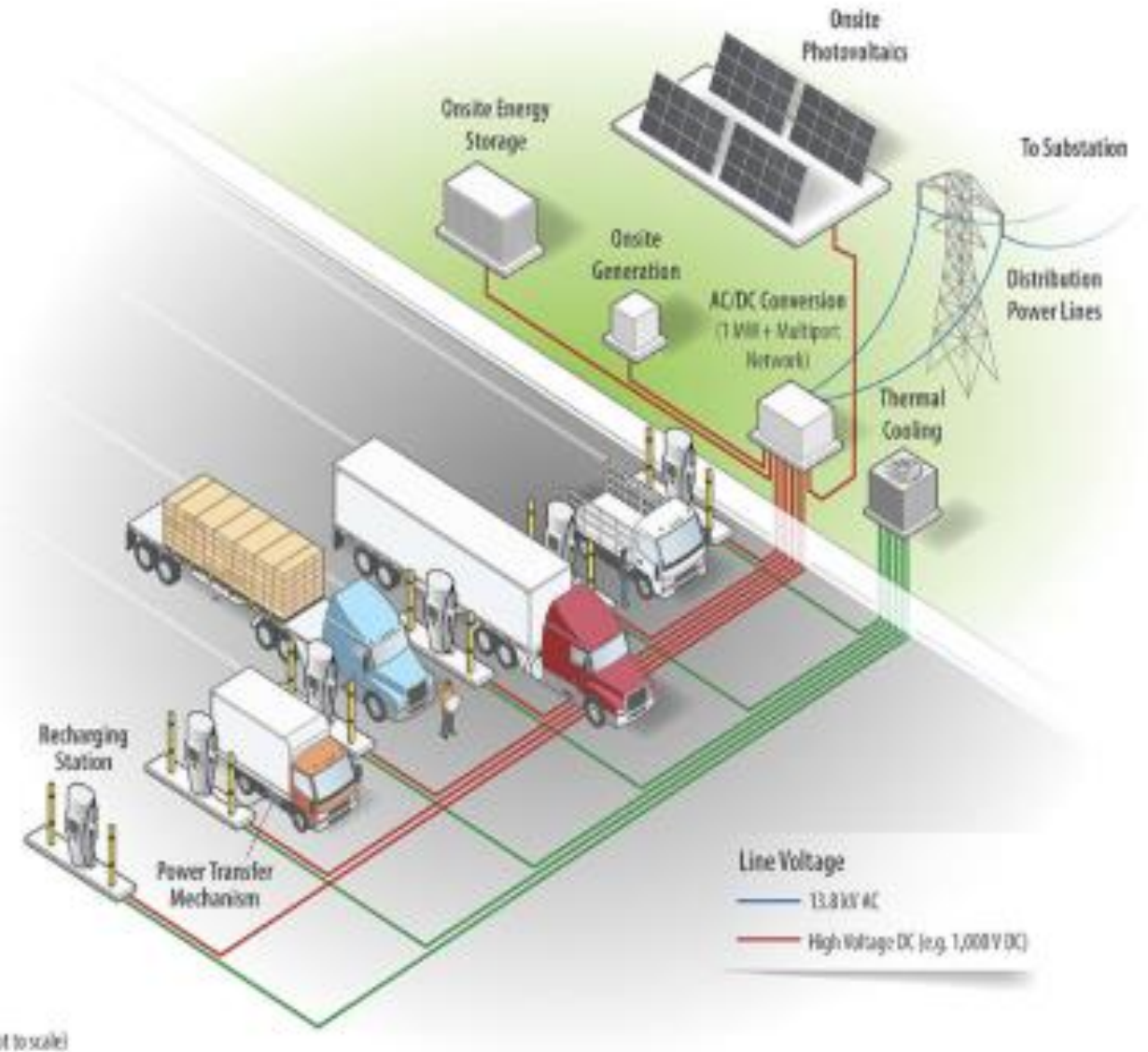
Strategy: Electrification

Current programs

- eMobility programs
- **LDV:** Clean Fleet EV Incentive, ChargeUp New Jersey
- **MHDV:** NJ ZIP, diesel fleet modernization, and clean fleets program

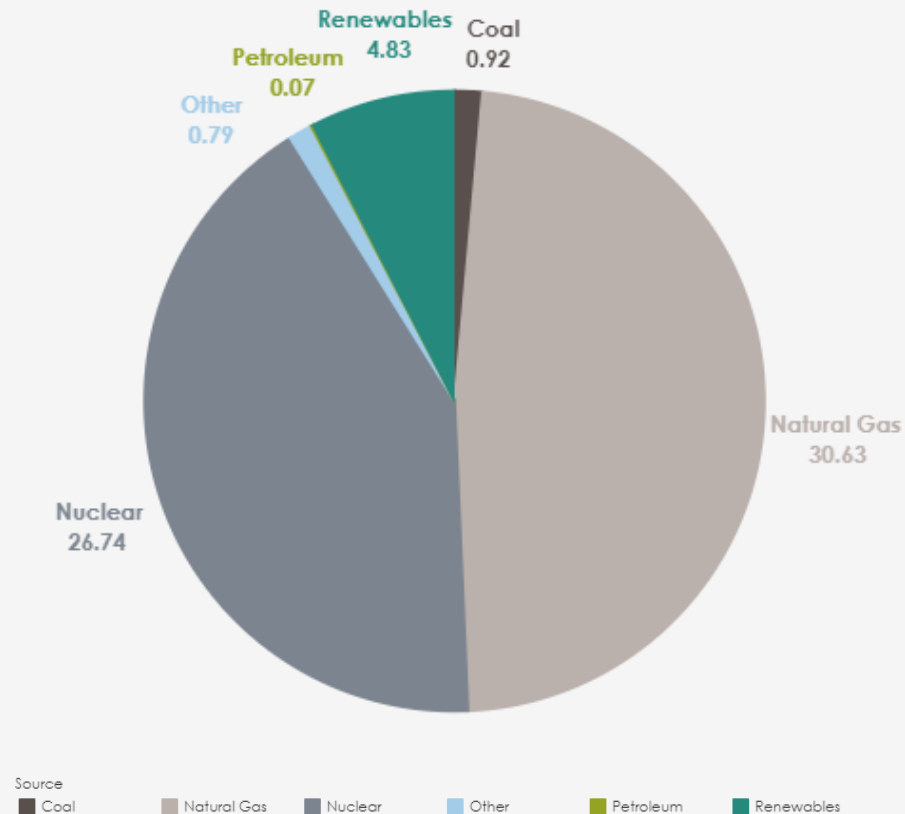
Upcoming programs

- Technical assistance programs
- Electric school bus programs

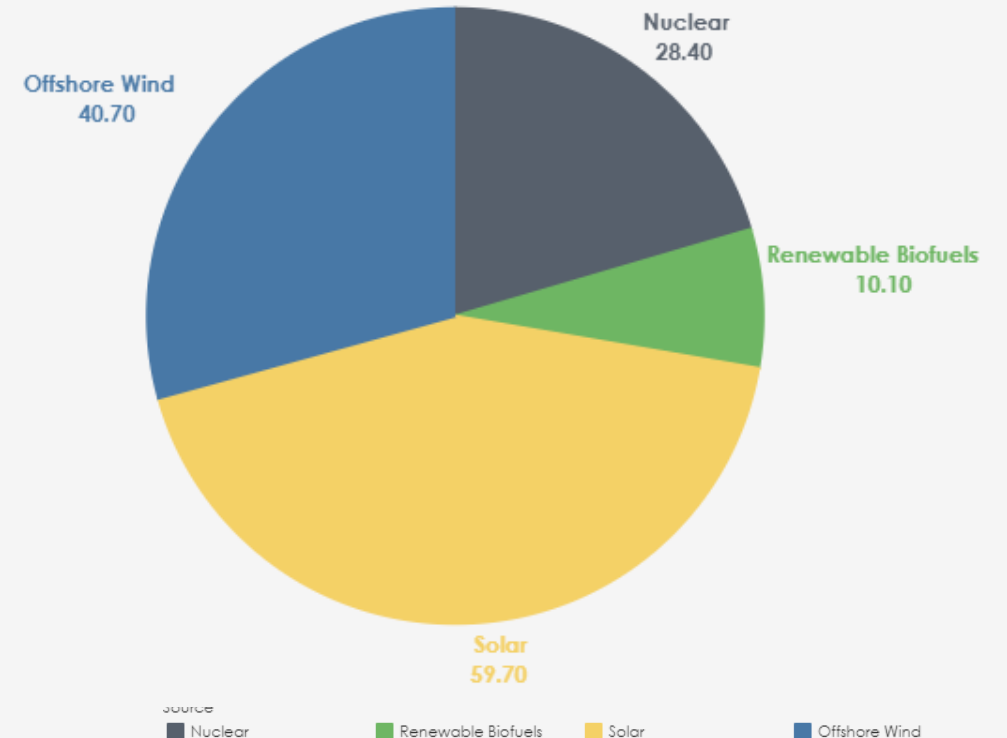


Electric vehicle emissions will decrease over time

Electricity Generation in 2020
in Terawatt hours (TWh)



Projected Electricity Generation in 2050
in Terawatt hours (TWh)



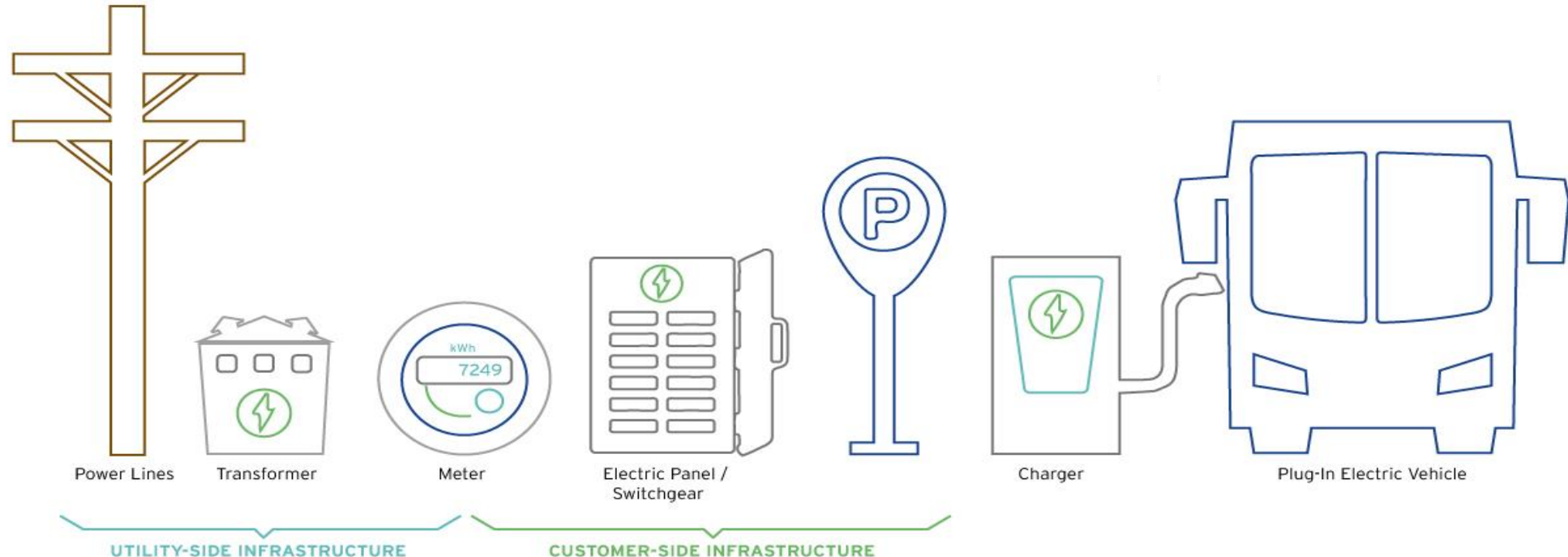
Strategy: Charging Infrastructure

Current programs

- It Pay\$ to Plug in
- EV Tourism
- ChargeUp New Jersey
- Utility make-ready programs

Upcoming programs

- Corridor and community charging hubs
- RGGI funds
- Workforce development
- V2B Pilot



Potential Opportunities



Light-duty electric
vehicle charging
infrastructure

Public medium-and
heavy-duty vehicle
charging and fueling
infrastructure



Funding for electrifying
medium-and heavy-
duty vehicle and port
equipment

Support for Mid-
Atlantic Hydrogen
Hub



Grid-supportive
strategies

Improve
walking, biking, and
transit infrastructure



Technical assistance for
fleet owners

Technical assistance for
multi-unit dwelling
charging infrastructure



Workforce programs for EVSE
and vehicle maintenance
and installation



eMobility
VMT reduction strategies

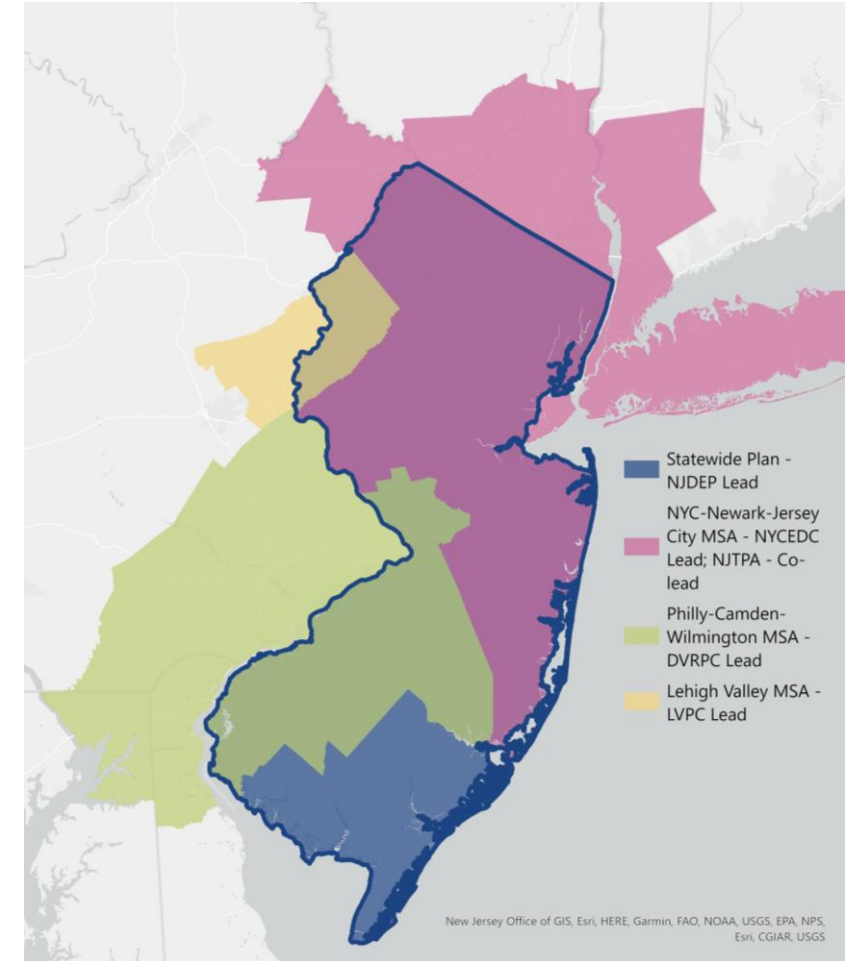
How to provide comments and learn more

New Jersey Statewide Plan

- <https://dep.nj.gov/climatechange/mitigation/cprg/>

New York and North Jersey Metro Area Plan

- <https://ny-nj-msa-cprg-njtpa.hub.arcgis.com/>



CPRG Workplan Areas within New Jersey

Question 1: Which transportation measures are priorities for your community?

Reminders:

- These should be high priority actions
- These should be near-term strategies
- Strategies must focus on CO₂ emission reductions

Question 2: What challenges are limiting the implementation of these measures?

Reminders:

- Examples include cost, lack of workforce, etc.

Question 3: How can suggested projects contribute to an equitable transportation workforce?

Reminders:

- Workforce considerations should be related to carbon reduction strategies
- What are the most pressing workforce challenges? What types of training is needed that is not available?

Question 4: What are the potential benefits of these actions for overburdened communities?

Reminders:

- Impacts may include improved public health, increased resilience to climate change, enhanced community beautification (and related physical and mental health benefits), decreased transportation costs, and creation of workforce development opportunities
- How can negative effects be mitigated?

Question 5: Are there on-going transportation initiatives that could be expanded with CPRG funding?

Reminders:

- EPA encourages projects that are ready-to-go.
- Funded can be used to expand program or extend programming years.



Thank you!



New Jersey

- <https://dep.nj.gov/climate/change/mitigation/cprg/>

New York-Newark-Jersey City MSA

- <https://ny-nj-msa-cprg-njtpa.hub.arcgis.com/>