



# RGGI STRATEGIC FUNDING PLAN DEVELOPMENT **PUBLIC WEBINAR | CLEAN TRANSPORTATION**

April 4<sup>th</sup>, 2023 | 10:00 - 11:30AM



# WELCOME AND INTRODUCTION

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Webinar Moderator, **Helaine Barr**

Bureau Chief, Bureau of Climate Change and Clean Energy, NJDEP

# WEBINAR GROUND RULES

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- Online participants are muted. During the Public Comment section, we will discuss how to express your questions/comments/concerns
- This meeting is being recorded, by attending this meeting, you consent to being recorded
- A recording of this webinar will be available on our website:  
<https://www.nj.gov/rggi/engage.html>
- Our panelists will try to address as many comments/questions as possible at the end of the presentation
- Please be courteous of other participants and allow time for meaningful discussion
- Please be respectful in the chat





# MEETING AGENDA

10:00 *Welcome*

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**Webinar Moderator, Helaine Barr**, Bureau Chief, Bureau of Climate Change & Clean Energy, NJDEP

*Teams Webinar Poll*

10:05 **Host Agency Welcome - NJEDA**

**Ram Akella**, Managing Director – Innovation Impact, NJEDA

10:10 **Introduction to the RGGI Strategic Funding Plan**

**Bob Kettig**, Assistant Director, Climate Change, Clean Energy and Sustainability Element, NJDEP

**Transportation Initiative Overview**

**Peg Hanna**, Assistant Director, Air Quality Monitoring & Mobile Sources, NJDEP

**Olivia Barone**, Senior Project Officer, Clean Energy Program / Economic Transformation, EDA

**Cathleen Lewis**, Manager of E-Mobility Programs, Division of Clean Energy, NJBPU

*Teams Webinar Poll*

10:40 **Open Public Comment**

Online participants can enter comments into the chat or raise their hand to be added to the queue

11:25 **Next Steps & Closing Remarks**

11:30 *Adjourn*

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# POLL



# HAVE A SAY ON CLIMATE CHANGE

Provide feedback on your priorities for reducing greenhouse gases  
**and fight climate change in New Jersey!**

**SCAN THIS  
QR CODE**



\* Comment period closes on April 21<sup>st</sup> \*



# HOST AGENCY WELCOME

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Host Agency | **New Jersey Economic Development Authority**  
**Ram Akella**, Managing Director – Innovation Impact, NJEDA



# INTRODUCTION TO THE RGGI STRATEGIC FUNDING PLAN

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**Bob Kettig**, Assistant Director, Climate Change, Clean Energy, & Sustainability, NJDEP

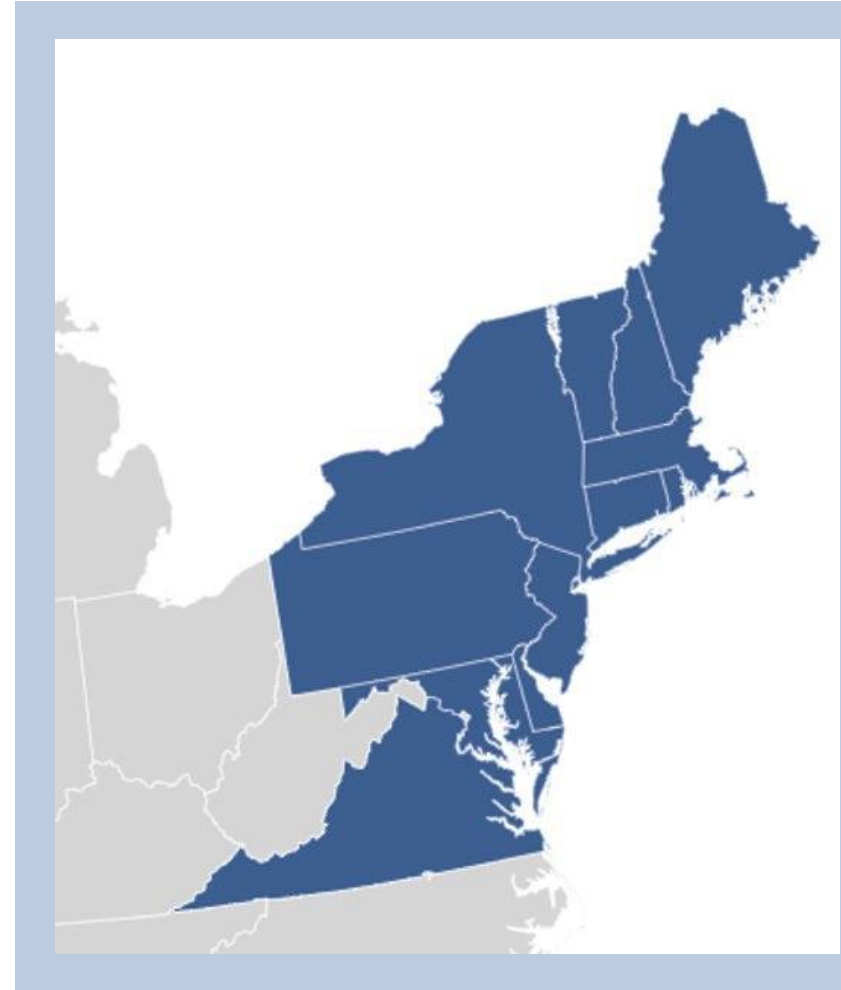


# WHAT IS RGGI?

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The **Regional Greenhouse Gas Initiative** (RGGI) is a market-based program designed to cap and reduce carbon dioxide emissions from fossil fuel power plants at or above 25 MW capacity

- 12 states including New Jersey
- Through statutes or regulations based on the RGGI Model Rule, each state has established individual CO<sub>2</sub> Budget Trading Programs based upon its own statutory or regulatory authority



# HOW RGGI WORKS

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1



**SETS A DECLINING LIMIT  
ON CARBON POLLUTION  
FROM POWER PLANTS**

2



**PUTS A PRICE ON CARBON**

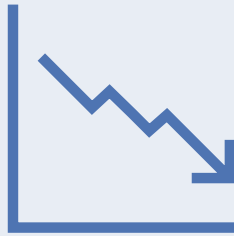
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**INVESTS IN COMMUNITIES**



# KEY TENETS OF RGGI

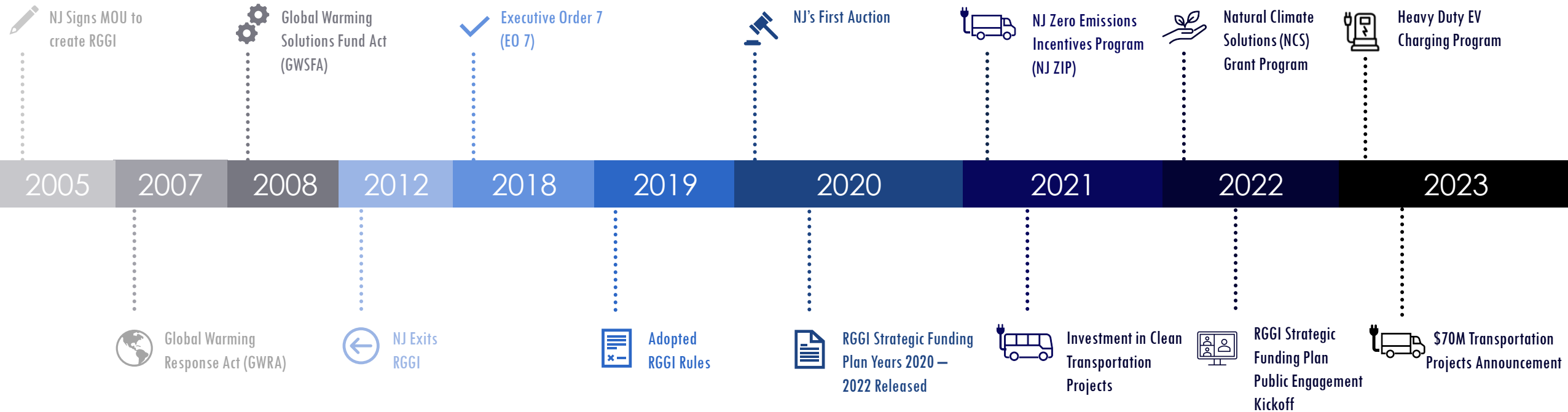


Declining Cap and allowance price send signals to the electricity market. Cost of compliance is less for lower emitting sources



States auction proceeds to achieve GHG reductions and reduce demand for electricity.

# NEW JERSEY AND RGGI TIMELINE





# RGGI PROCEEDS DISTRIBUTION

- Global Warming Solutions Fund Act (GWSFA) passed in 2008
- Enabled NJ to participate in the CO<sub>2</sub> emission trading program
- Established specific state agency funding lanes to allocate RGGI proceeds
  - Set clear boundaries that require Agencies to spend RGGI funds within specific program areas

	EDA	BPU	DEP	
PROGRAM AREAS	Commercial, Institutional & Industrial Entities	Low Income & Moderate Income Residential Sector	Local Governments	Forest Tidal Marshes
FUNDING ALLOCATION	60%	20%	10%	10%
ELIGIBILITY CRITERIA	<p><b>PROGRAMS TO SUPPORT:</b></p> <ul style="list-style-type: none"> <li>• End-use energy efficiency projects.</li> <li>• New, 'state of the art', efficient electric generation facilities.</li> <li>• Combined heat and power production and other high efficiency electric generation facilities.</li> <li>• Innovative carbon emissions abatement technologies.</li> <li>• Development of qualified offshore wind projects.</li> </ul>	<p><b>PROGRAMS TO:</b></p> <ul style="list-style-type: none"> <li>• Reduce electricity demand.</li> <li>• Reduce costs to electricity customers.</li> <li>• Support state electric vehicle goals.</li> </ul> <p>With a focus on urban areas, and includes efforts to address heat island effect and reduce impacts on ratepayers attributable to the implementation of Global Warming Response Act.</p>	<p><b>PROGRAMS TO:</b></p> <p>Plan, develop and implement measures to reduce greenhouse gas emissions including, but not limited to assistance to conduct and implement:</p> <ul style="list-style-type: none"> <li>• Energy efficiency.</li> <li>• Renewable energy.</li> <li>• Distributed energy programs.</li> <li>• Land use planning (where results are a measurable reduction of greenhouse gas emissions or energy demand).</li> </ul>	<p><b>PROGRAMS TO:</b></p> <p>Enhance the stewardship and restoration of State's forests and tidal marshes that provide opportunity to sequester or reduce greenhouse gas emissions.</p>

# DEP RGGI PROCEEDS RULES

- The Global Warming Solutions Fund (GWSF) Rule (N.J.A.C. 7:27D) requires the creation of a “Strategic Funding Plan” every three years
- Defines an initiative as broad areas of focus that seek to strategically address a well-defined issue or need and advance one or more of the six objectives
- Requires 4 Stakeholder Meetings prior to release of the “Strategic Funding Plan”.
- Requires reporting on previous investments.

## SIX OBJECTIVES DEFINED IN THE GLOBAL WARMING SOLUTIONS FUND RULE

1. A net reduction in greenhouse gas emissions or a net sequestration of carbon;
2. Significant reductions in greenhouse gas emissions, reduction of impacts on ratepayers, and a significant contribution to the achievement of the State's 2050 Global Warming Response Act limit, relative to the cost of the project or program;
3. Reduction in energy use;
4. Be directly responsive to the [recommendations](#) submitted by the Department to the Legislature pursuant to the Global Warming Response Act;
5. Provide co-benefits; and
6. Be directly responsive to the negative effects on human health and the environment in communities that are disproportionately impacted by the effects of environmental degradation and climate change.



# WHAT IS THE STRATEGIC FUNDING PLAN?

*The Strategic Funding Plan identifies how New Jersey will invest its share of the RGGI auction proceeds. It defines key initiatives that each agency sponsors.*



It is jointly developed at least once every three years by the NJ Department of Environmental Protection, NJ Economic Development Authority, and NJ Board of Public Utilities.



Identifies initiatives that will be funded by RGGI auction proceeds.



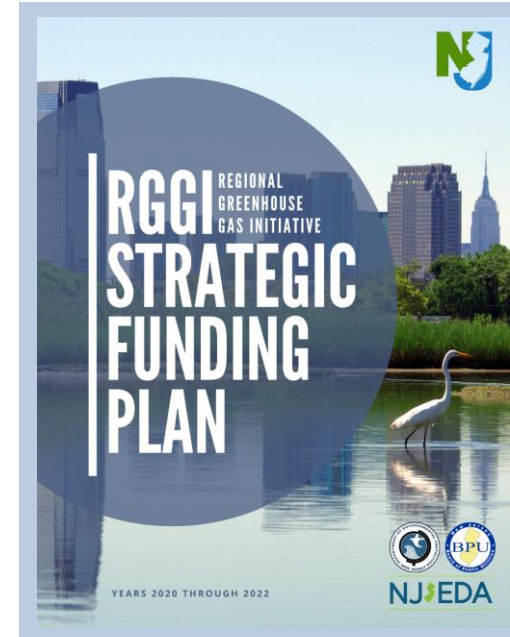
Ranks the importance of each objective for each initiative.



Summarizes project and program spending and results achieved during the prior strategic funding plan period.



Requires 4 public meetings prior to the release of the plan.



## INITIATIVE

An **initiative** is a funding strategy predicted to advanced one or more of the objectives identified in the rule, which the agencies have identified as critical

# STRATEGIC FUNDING PLAN OBJECTIVES

**1** Net reduction in greenhouse-gas emissions or net sequestration of carbon.

**2** Significant reductions in greenhouse-gas emissions or energy demand and/or significant contribution to the achievement of the state's 2050 Global Warming Response Act limit (relative to cost).

**3** Reduce energy use.

**4** Be directly responsive to the recommendations submitted by the Department to the Legislature pursuant to the Global Warming Response Act.

**5** Provide co-benefits to the state.

**6** Be directly responsive to the negative effects on human health and the environment in communities that are disproportionately impacted by the effects of environmental degradation and climate change.

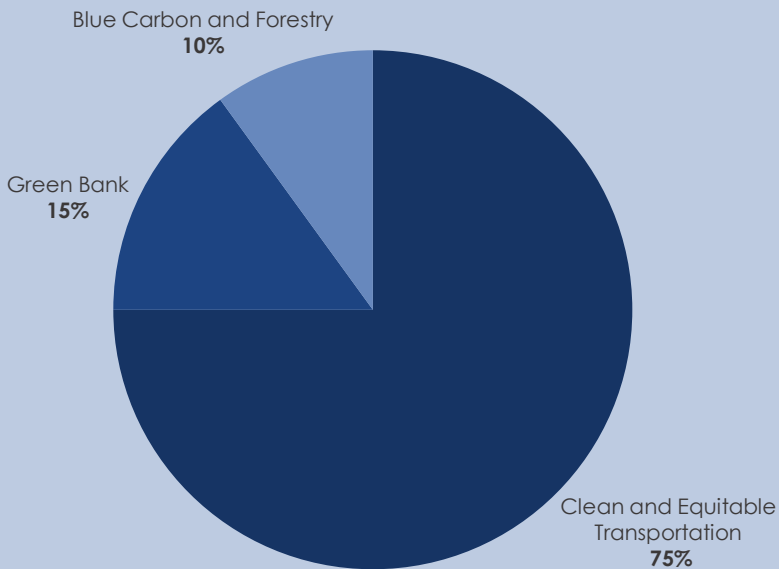
Global  
Warming  
Solutions  
Fund Act

EO #7



# NJ'S RGGI STRATEGIC FUNDING PLAN: YEARS 2020- 2022

Percentage of Funding by Initiative



The first RGGI Strategic Funding Plan was launched in April of 2020

Four initiatives were identified:

**Initiative 1**      Catalyze Clean, Equitable Transportation

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**Initiative 2**      Promote Blue Carbon in Coastal Habitats

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**Initiative 3**      Enhance Forests and Urban Forests

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**Initiative 4**      Create a New Jersey Green Bank

# RGGI INVESTMENTS FROM 2020-2022 STRATEGIC FUNDING PLAN

\$372,064,000+

New Jersey Total Proceeds; \$260+ million dedicated

153

Projects selected

497

Electric Vehicles Incentivized

16,982

Trees to be planted

56

Acres of Forests to be Restored

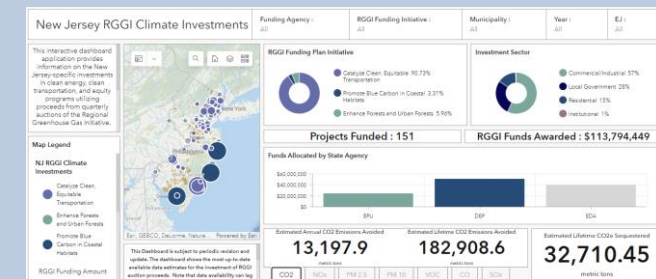
155

Acres of Wetlands to be Restored

208,775

Estimated lifetime CO<sub>2</sub>e emissions avoided in metric tons

## RGGI Climate Investments Dashboard



[www.nj.gov/rggi](http://www.nj.gov/rggi)

# POTENTIAL FUNDING INITIATIVES

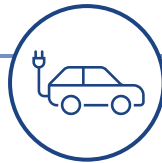
## INITIATIVE 1

Advance Healthy Homes and a Stronger Grid



## INITIATIVE 2

Catalyze Clean and Equitable Transportation



## INITIATIVE 3

Strengthen New Jersey's Forests



## INITIATIVE 4

Promote Blue Carbon in Coastal Habitats



## INITIATIVE 5

Phasedown Highly Warming Refrigerants





# Initiative Two: Catalyze Clean and Equitable Transportation

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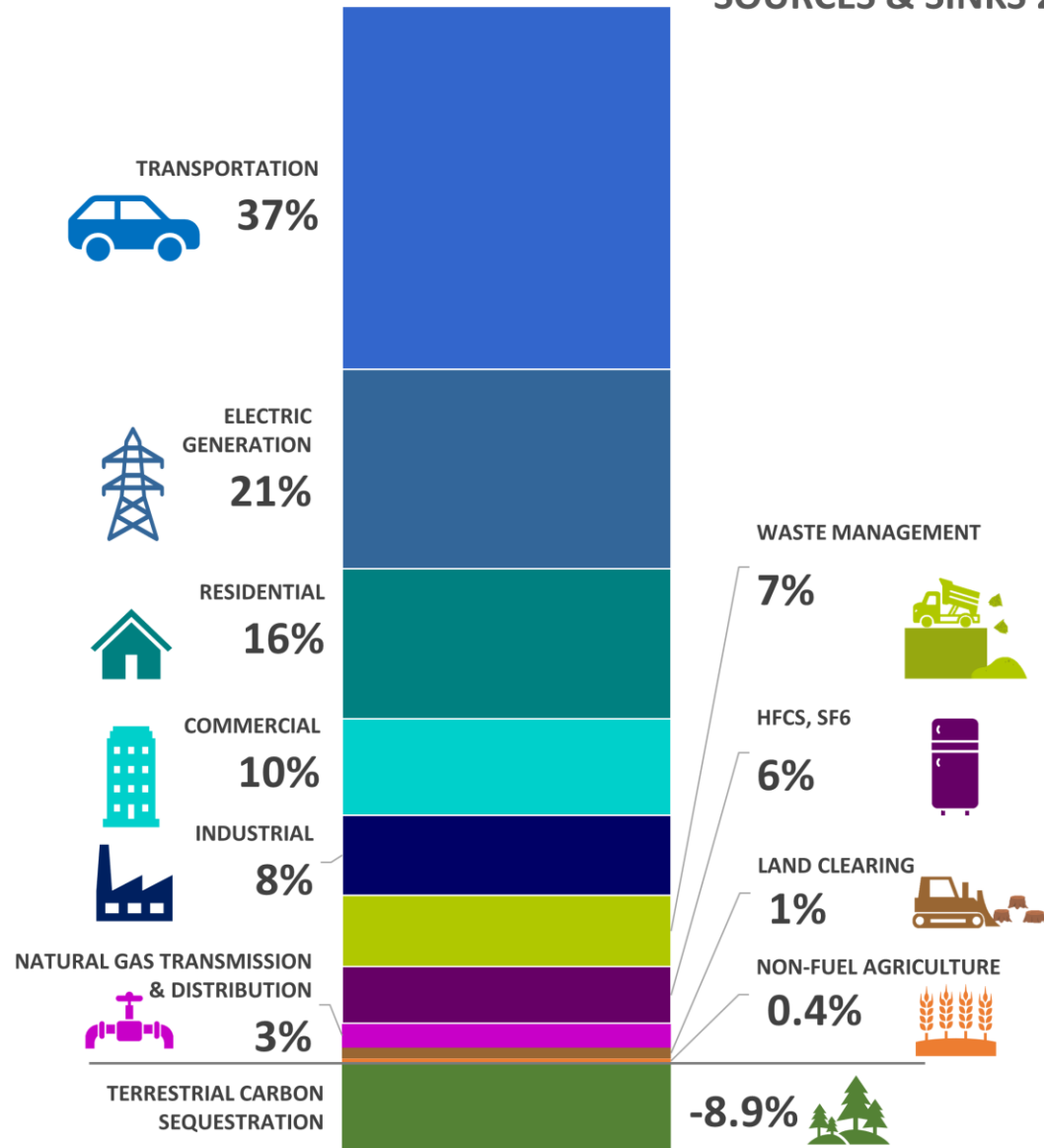
**Peg Hanna**, Assistant Director, Air Quality Monitoring & Mobile Sources, NJDEP



# HOW DOES THE TRANSPORTATION SECTOR CONTRIBUTE TO THE EMISSIONS INVENTORY

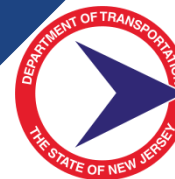
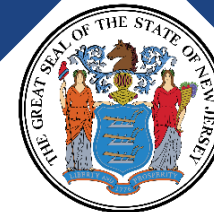


## NJ GREENHOUSE GAS SOURCES & SINKS 2020



# PARTNERSHIP TO PLUG IN: DRIVING CHANGE IN NJ

A strategy for catalyzing clean and equitable transportation, for all New Jerseyans





# RELEVANT EV INCENTIVES

## NJDEP

- ZEV sales tax exemption
- It Pay\$ to Plug In –corridors, communities, MUD, workplace, fleet
- Diesel fleet modernization program – Class 2b-8 electric vehicles and charging stations
- Emobility grants
- Drive Change. Drive Electric (consumer awareness)
- Ride & Drives (consumer experience)
- PlugStar (dealer education)

## NJEDA

- NJZIP – Class 2b-8 electric vehicles

## NJBPU

- Charge Up NJ (cash on the hood)
- EV charging at MUDs
- EV charging at tourist attractions
- Clean Fleet program (LD EVs and charging for govt)
- Utility EV charging and make ready programs

## Federal

- Up to \$7500 tax credit

# INITIATIVE TWO: CATALYZE CLEAN AND EQUITABLE TRANSPORTATION



**NJDEP funding could be dedicated to projects and programs that:**

- Electrify vehicles owned by local government or that provide services to local residents, such as garbage trucks, school buses, and municipal fleet vehicles;
- Fund charging hubs to serve residents in multi-unit dwellings, some of which are employed by ride hailing services; and
- Fund ride sharing/rider hailing programs including charging hubs.

# Initiative Two: Catalyze Clean and Equitable Transportation

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**Olivia Barone**, Senior Project Officer, Clean Energy Program /  
Economic Transformation, EDA

# INITIATIVE TWO: CATALYZE CLEAN AND EQUITABLE TRANSPORTATION



**NJEDA funding could be dedicated to projects and programs to:**

- Turn the NJ Zero Emissions Incentive Program (NJ ZIP) into a multi-year program;
- Finance vehicle and charging infrastructure at commercial and institutional properties;
- Support technology innovation or pilot grant support, such as Hydrogen Fuel Cell development, battery recycling, or vehicle to grid pilots; and
- Fund public transit electrification



# Initiative Two: Catalyze Clean and Equitable Transportation

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**Cathleen Lewis**, Manager of E-Mobility Programs, Division of Clean Energy, NJBPU



# INITIATIVE TWO: CATALYZE CLEAN AND EQUITABLE TRANSPORTATION



**NJBPU funding could be dedicated to projects and programs that:**

- Fund vehicle charging infrastructure; and
- Promote light and medium-and-heavy duty electric vehicle adoption.

# INITIATIVE TWO: CATALYZE CLEAN, EQUITABLE TRANSPORTATION *PRIORITY RANKINGS*



## INITIATIVE 2: CATALYZE CLEAN, EQUITABLE TRANSPORTATION

### *Priority Rankings*

#### Objectives

**1.** A net reduction in greenhouse gas emissions or a net sequestration of carbon;

C

**2.** Significant reductions in greenhouse gas emissions, reduction of impacts on ratepayers, and a significant contribution to the achievement of the State's 2050 Global Warming Response Act limit, relative to the cost of the project or program;

**3.** Reduction in energy use;

C

**4.** Be directly responsive to the recommendations submitted by the Department to the Legislature pursuant to the Global Warming Response Act;

C

**5.** Provide co-benefits; and

C

**6.** Be directly responsive to the negative effects on human health and the environment in communities that are disproportionately impacted by the effects of environmental degradation and climate change.

C

**Agency Sponsorship**



**NJEDA**



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# POLL





# PUBLIC COMMENT SESSION



Chat



People



Raise



React

# HAVE MORE COMMENTS?

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Provide feedback on your priorities for reducing greenhouse gases  
**and fight climate change in New Jersey!**

**SCAN THIS  
QR CODE**



**\* Comment period closes on April 21<sup>st</sup> \***

# NEXT STEPS

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Contact Us | [njrggi@dep.nj.gov](mailto:njrggi@dep.nj.gov)

For more information on RGGI engagement | [nj.gov/rggi/engage](https://nj.gov/rggi/engage)

## Public Webinars Timeline



A photograph of a solar farm at sunset. The solar panels are in the foreground, and the sun is setting behind a line of trees in the distance. The sky is filled with soft, colorful clouds. The text "THANK YOU" is overlaid in the center of the image, flanked by two horizontal white lines.

THANK YOU