



Department of  
Environmental  
Conservation

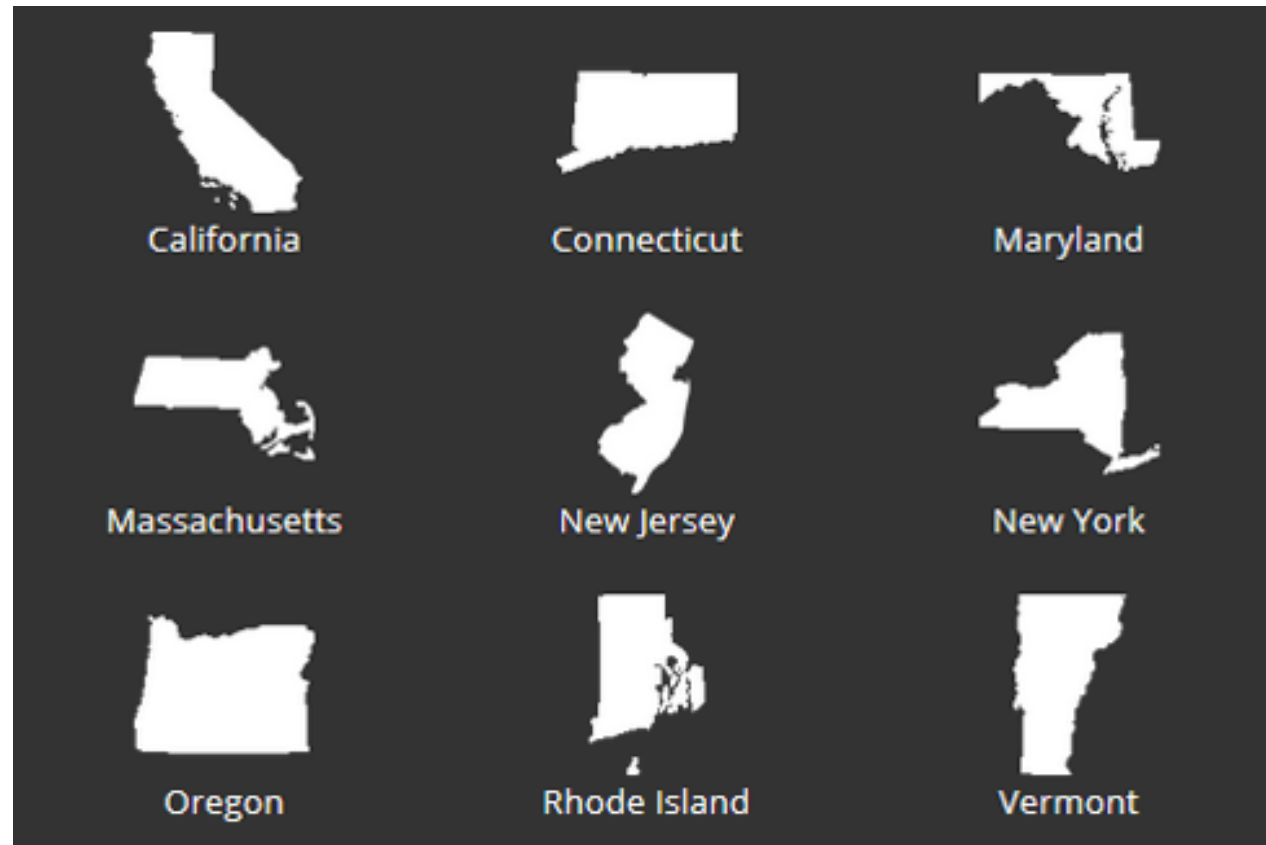
# Municipal Zero-Emission Vehicle (ZEV) Program

**ZEV Rebates and Infrastructure Grants 2019-2020**

Willow Eyres, Climate Policy Analyst  
NYSDEC Office of Climate Change

# Multi-state ZEV Task Force

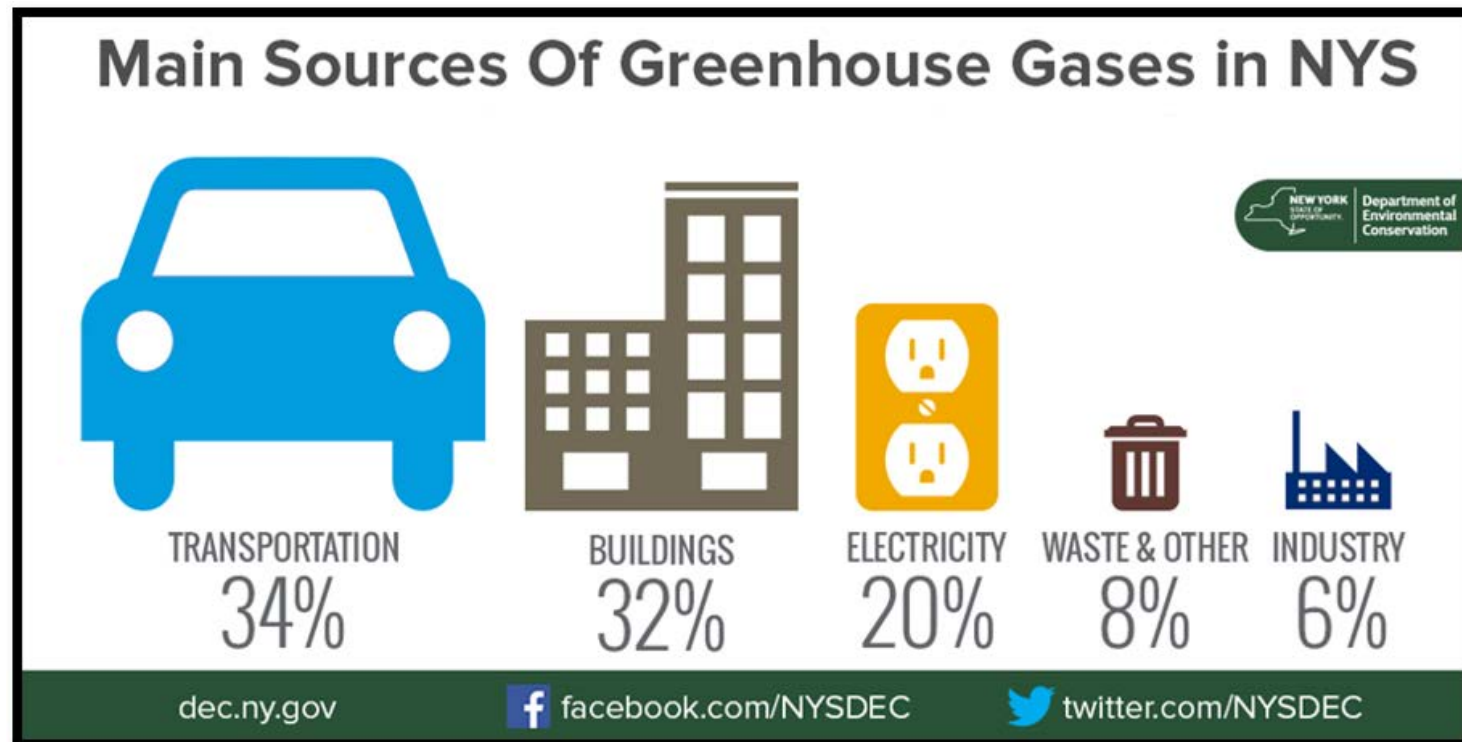
800,000 EVs on New York roads by 2025



Department of  
Environmental  
Conservation

# Climate Leadership and Community Protection Act

Reduce GHG emissions 40% by 2030 and 85% by 2050



# Charge NY 2.0 Initiative

NYPA, NYSERDA, and NYS DEC

## Goals:

- Install 10,000 EV charging stations by 2021
- Create EV-supported travel corridors across the State
- Increase awareness and adoption of EV technology



# DEC Municipal ZEV Rebate

Eligible applicants: county, city, town, village, or borough of NYC

Purchase or lease (for no less than 36 months) a new, eligible clean vehicle for fleet use.

- All battery electric
- Plug in hybrid
- Hydrogen fuel cell





# DEC Municipal ZEV Rebate

## Eligible vehicles:

- Recharged from an external source of electricity or from a hydrogen fuel cell
- Maximum speed at least 55 mph
- Manufactured for use primarily on public streets, roads and highways
- At least 4 kWh battery capacity



# DEC Municipal ZEV Rebate

## Rebates:

- \$2,500 for 10-50 miles of electric range
- \$5,000 for 51+ miles of electric range



Total cost of vehicle cannot exceed the rebate amount

Vehicle must be placed into service at a dealership in NYS

Vehicle must be for fleet use

# DEC Municipal ZEV Rebate

- First-come, first-served
- \$500,000 is available in Round 4
- Through July 24, 2020 or when funding is exhausted
- \$250,000 max per municipality



- RFA on the Office of Climate Change funding page



# DEC Municipal ZEV Rebate

Apply in Grants Gateway!

Submit the following documentation for each vehicle:

- Year, make, model, electric range, rebate requested, and the VIN
- Proof of temporary or permanent vehicle registration
- Bill of sale, purchase agreement, or executed vehicle lease



# NYS Aggregated Purchase

- OGS and DEC
- NYS Vehicle Marketplace
- 11-34% savings

Contact Pam Hadad- Hurst

[Pamela.hadadhurst@dec.ny.gov](mailto:Pamela.hadadhurst@dec.ny.gov)



# DEC Municipal ZEV Infrastructure Grants

- Electric vehicle supply equipment (EVSE)
  - Level 2
  - DC Fast Charger
- Hydrogen fuel station components
- Stations must be available for public use!



# DEC Municipal ZEV Infrastructure Grants

## Eligible EVSE:

- Qualified for NYSERDA's Charge Ready NY Program
- NYS Office of General Services EVSE and Network Services state contract

## Eligible Hydrogen Fuel components:

- Dispensers, sensors, transmitters, storage tanks, compressors, electrolyzers, vaporizer piping, bollards, clean energy generation components, etc.
- Hydrogen fuel must be produced through electrolysis or biogas reformulation. Hydrogen produced from methane or natural gas is not eligible.





# DEC Municipal ZEV Infrastructure Grants

Eligible Applicants: county, city, town, village, or boroughs

Eligible Expenses:

- Equipment, installation, site preparation, utility upgrades, and 2 years electricity & networking fees
- Personnel and contractual services for installation





# DEC Municipal ZEV Infrastructure Grants

- **First-come, first-served**
- \$2,500,000 is available in Round 4
- Through May 29, 2020 or when funding is exhausted
- Max award per facility \$250,000
- No more than \$500,000 to any one municipality



# DEC Municipal ZEV Infrastructure Grants

- 20% local match required
- No per port maximum
- MWBE goals
- Cannot be combined with NYSERDA Charge Ready



Department of  
Environmental  
Conservation

# DEC Municipal ZEV Infrastructure Grants

- Apply in Grants Gateway
- Each facility (location) requires a separate application
- Technical evaluation
- RFA on the Office of Climate Change funding page





# Grants Gateway Opportunity Portal

<https://grantsgateway.ny.gov>

- Log in as **Grantee**
- Click on **“Search Now”**.
- Type **“ZEV”** into “Search by Grant Opportunity” box and click “Search”.
- Click on the relevant ZEV opportunity (**vehicles** or **infrastructure**).
- Click on “View Grant Opportunity” to open or download the Request for Applications or start an application.





**Climate Smart  
Communities**

# Climate Smart Communities Program



**Department of  
Environmental  
Conservation**



# Climate Smart Communities Program

What is the Climate Smart Communities Program ?

- Support local action on climate change mitigation and adaptation by aligning local government focused programs.
- Partners – DEC, NYSERDA, DOH, DPS, DOS, and DOT
- Certification program
- Grants program



# Climate Smart Communities Certification

The Certification Program is

- Framework to organize action on climate change mitigation and adaptation at the local level
- Recognition of local leadership



# Climate Smart Communities Certification



285 Registered Communities

18% of NY ~1600 local gov'ts

32 Bronze Certified Communities

2 Silver Certified Communities

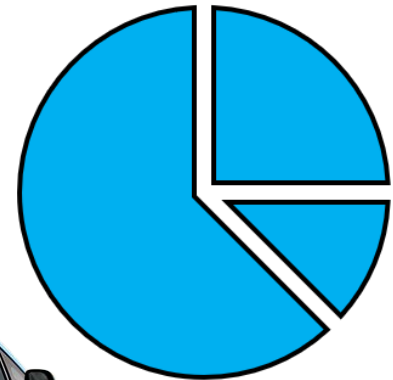
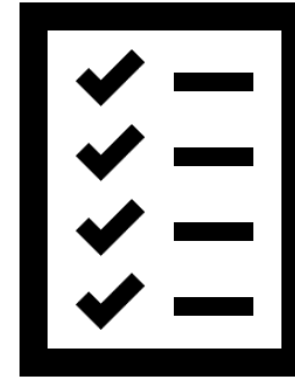
43% of New Yorkers (8,299,617) live  
in climate smart communities



# Climate Smart Communities Certification

Certification actions related to ZEVs:

- [PE3 Action: Fleet Inventory](#)
  - Collect complete & accurate information
- [PE3 Action: Fleet Efficiency Policy](#)
  - Set fuel-efficiency standard for acquisitions
- [PE3 Action: Fleet Rightsizing](#)
  - Match right vehicles to tasks
- [PE3 Action: Advanced Vehicles](#)
  - Acquire advanced vehicles



Climate Smart  
Communities

# Climate Smart Communities Certification

Certification Portal - [climatesmart.ny.gov](https://climatesmart.ny.gov)

- Register – take the pledge
- Pledge elements & list of actions
- Start an application for certification
- 2020 deadlines for certification applications – Jan 10, April 3, and July 3.





# Climate Smart Communities Grants



Department of  
Environmental  
Conservation

# Climate Smart Communities Grants

- Created in 2016
- To build capacity of local governments to implement climate projects
- Support planning, inventories, and assessments
- Implementation of projects focused on adapting to the effects of climate change and mitigating greenhouse gas emissions

# Climate Smart Communities Grants

- Currently closed
- Last year's RFA available at the Office of Climate Change funding page
- Apply through the Consolidated Funding Application (CFA)
- Available May – July 2020
- 50% match required



Municipalities – county, city, town, village, or borough



Department of  
Environmental  
Conservation

# Climate Smart Communities Grants

## Implementation: Mitigation

- Reduction of vehicle miles travelled
- Reduction of refrigerant use & leakage
- Methane reduction

## Implementation: Adaptation

- Increasing/preserving natural resilience
- Reduction of future flood risks
- Replacing/right-sizing flow barriers
- Extreme event/heat preparation
- Enrollment in/completion of activities in FEMA Community Rating System program



# Climate Smart Communities Grants

**Certification:** Some certification actions are eligible for grants:

- GHG Mitigation: Greenhouse Gas Inventories
- Municipal Fleet Management: Fleet inventory and Efficiency Policy
- Climate-smart land use: Complete Streets, Bike/Walk Planning and Infrastructure, Comp Plans





# Questions?

[ZEVrebate@dec.ny.gov](mailto:ZEVrebate@dec.ny.gov)

[climatesmart@dec.ny.gov](mailto:climatesmart@dec.ny.gov)

[cscgrants@dec.ny.gov](mailto:cscgrants@dec.ny.gov)

NYSDEC Office of Climate Change  
518-402-8448

Office of Climate Change  
NYSDEC  
625 Broadway  
Albany NY 12233-1030  
[climatechange@dec.ny.gov](mailto:climatechange@dec.ny.gov)

## Connect with us:

- DEC: [www.dec.ny.gov](http://www.dec.ny.gov)
- Climate Smart Communities: <https://climatesmart.ny.gov/>
- Facebook: [www.facebook.com/NYSDEC](http://www.facebook.com/NYSDEC)
- Twitter: [twitter.com/NYSDEC](https://twitter.com/NYSDEC)
- Flickr: [www.flickr.com/photos/nysdec](http://www.flickr.com/photos/nysdec)



Department of  
Environmental  
Conservation



Department of  
Environmental  
Conservation

# Increasing ZEV Adoption Rates Through Successful Employee Engagement

Brendan Woodruff  
NYSDEC

# Overview

- Tips for successful employee engagement
- Ideas for employee engagement events
- Green Your Commute Day



Always thank your bus driver!



Department of  
Environmental  
Conservation

# Tips for Successful Employee Engagement



**Brendan Woodruff** @TehWood · May 17  
Happy #GYCD19 New York! I had a great walk into work today. And made a pit stop on the way in.

- Lead by example
- Meet employees where they are at
  - Don't make them feel pressure
- Make it fun
- Offer incentives when possible
- ID internal champions who can tell personal stories
- Multiple points of contact



Department of  
Environmental  
Conservation



# Ideas for Employee Engagement Events

- Ride and drives
- Lunch and learns
  - Webinars
  - Speakers
- Bring someone in to table in your lobby
- Competitions
  - Internal and external
- Employee interest surveys



# Employee Ride and Drives

- Great way to engage employees
- Is fun and educational
- Makes employees feel more comfortable with the technology
- No pressure environment



# Ride and Drives Continued

- Two different methods
  - Bring in an outside contractor or dealer to host the event
    - Pros
      - Simple to administer
      - More choice in vehicles
      - Sales/rebate information available
  - Organize one using your fleet vehicles
    - Pros
      - No cost to conduct
      - Employees get used to new fleet vehicles and have questions answered if they need to use vehicles for work



Mike Wren

@mikewren

Follow

Today @nysdec is sponsoring Green Your Commute - Drove my Chevy Volt EV, which was charged at home from grid-provided sustainable power. It's been over a month since I've used any gas! #gycd18 #chevyvolt ift.tt/2KB5ME0

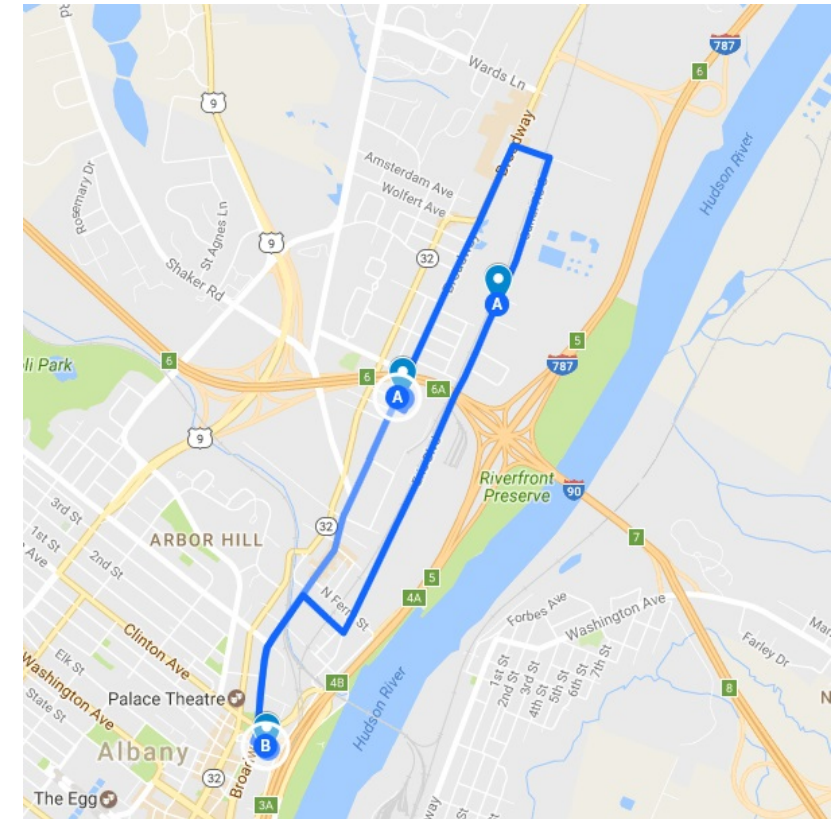


Department of  
Environmental  
Conservation



# Logistics

- Have pre-registration for time slots
- Have a pre-planned route
- Have an “EV team captain” in each car to explain the vehicle and answer questions
- Conduct a follow up survey asking:
  - How likely you are in the next XY months to purchase a PEV





# Green Your Commute Day

- DEC has been holding a sustainable commuting event for staff each spring for the past 25 years
- It has evolved into an entire State government/public effort
- Expands upon bike to work week by incorporating any form of transportation that is not driving alone in a purely fossil fuel powered vehicle
  - Plug-in vehicles count, traditional hybrids don't



# 2019 by the Numbers

- 2,768 state employees participated
  - Up 250% from 4 years ago
- Reduced CO2 emissions by 41.2 tons
- 165 employees drove EVs
  - 1 from the Hudson Valley



POST A SELFIE OF **YOUR** GREEN COMMUTE USING **#GYCD19**



Department of  
Environmental  
Conservation

# Past GYCD Posters



Department of  
Environmental  
Conservation



# Public Participation

- In addition to encouraging State employees to participate, we encourage the public to join in as well
- We don't have registration or metrics data for public participation
- We track it through social media engagement
- Have a webpage with green commuting resources
- Put it out on social media





# Have Fun With It



Paul Dyster  
@PDyster

Following

Who's my #cycling partner for #biketoworkday? @NFTotesMcGoats! A very #greencommute, but something smells funny. @NYSDEC. #GYCD17 #LiveNF



7:23 AM - 19 May 2017

16 Retweets 33 Likes



2

16

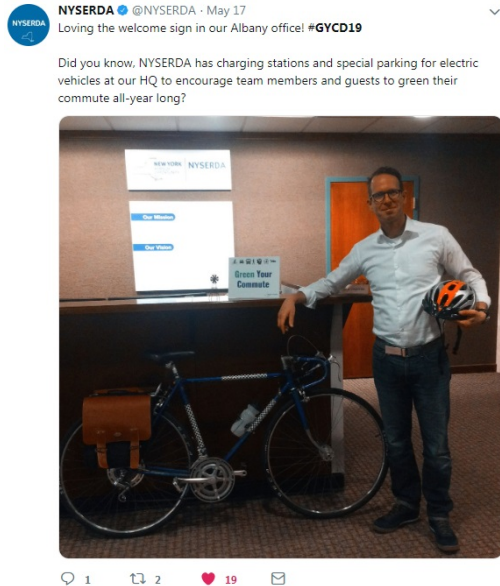
33



Department of  
Environmental  
Conservation



# Social Media Posts (#GYCD19)



# How You Can Join In

- Promote participation in Green Your Commute Day to your employees
  - Friday, May 15<sup>th</sup>, 2020
- Feel free to use our poster, sample language, and promotional materials
- Hold an employee recognition event
- Calculate metrics if you want to
- Post about it on social media





# Overall Take Aways

- Make engagement cross cutting and not just an “environmental thing”
- Make it fun!
- Multiple points of contact
- Find champions and provide them with clear instructions and tools on how to encourage participation
- Celebrate individual successes and let people “own” their actions





# Questions?

**Brendan Woodruff**

[Brendan.woodruff@dec.ny.gov](mailto:Brendan.woodruff@dec.ny.gov)

(518) 402-9159



**Brendan Woodruff**

@TehWood

It's a perfect day for a green commute!  
#GYCD17



7:07 AM - 19 May 2017

6 Likes



**Department of  
Environmental  
Conservation**