



# Connecticut Department of Energy and Environmental Protection



# Mobile Source Update

November 9, 2017

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SIPRAC, DEEP Headquarters



Connecticut Department of Energy and Environmental Protection

# Volkswagen – State Settlement

- [Robert Klee vs. Volkswagen](#)
- \$14.8 million to the General Fund
- “\$750,000 to fund activities by the Department of Energy and Environment Protection in coordination with the Office of the Attorney General to address impacts to Connecticut’s air quality and to enhance protection of the environment by, including but not limited to, monitoring, modeling, research, analyzing, and/or taking legal action.”
- VW agrees to increase availability of electric vehicle models in CT (In all state settlements)



# Volkswagen – Mitigation Trust

- Trust Effective Date October 2, 2017
- Certification Of Beneficiary Status Filed By Connecticut
- Staff Training with Wilmington Trust to learn software and procedures for grant administration
- Trust Mitigation Plan
  - [DEEP Website](#)
- Join our [Mailing List](#)



# Timeframes

States must submit 3-page  
"certification form"  
Submit to Wilmington Trust

Beneficiary  
Mitigation Plan  
Submittal\*

"Trust  
Effective  
Date"  
October  
2, 2017

60 Days

120 Days

EPA/DOJ/Trustee review forms and can object

~~[90 days]~~  
30 Days Before First  
Funding Request\*

Court Finalizes VW  
\$2.7B Trust

Trustee accepts  
beneficiary designation

\* Changes From Initial  
Consent Decree



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# CT Mitigation Plan – Our Initial Thoughts

- Flexible plan to cover all eligible project areas
- Immediate NOx reductions to offset illegal VW pollution
- Ability to grow with advancements of transformative mobile source technologies (i.e. electric HD trucks)
- Spread the wealth – Economically responsible projects that result in significant emissions reductions



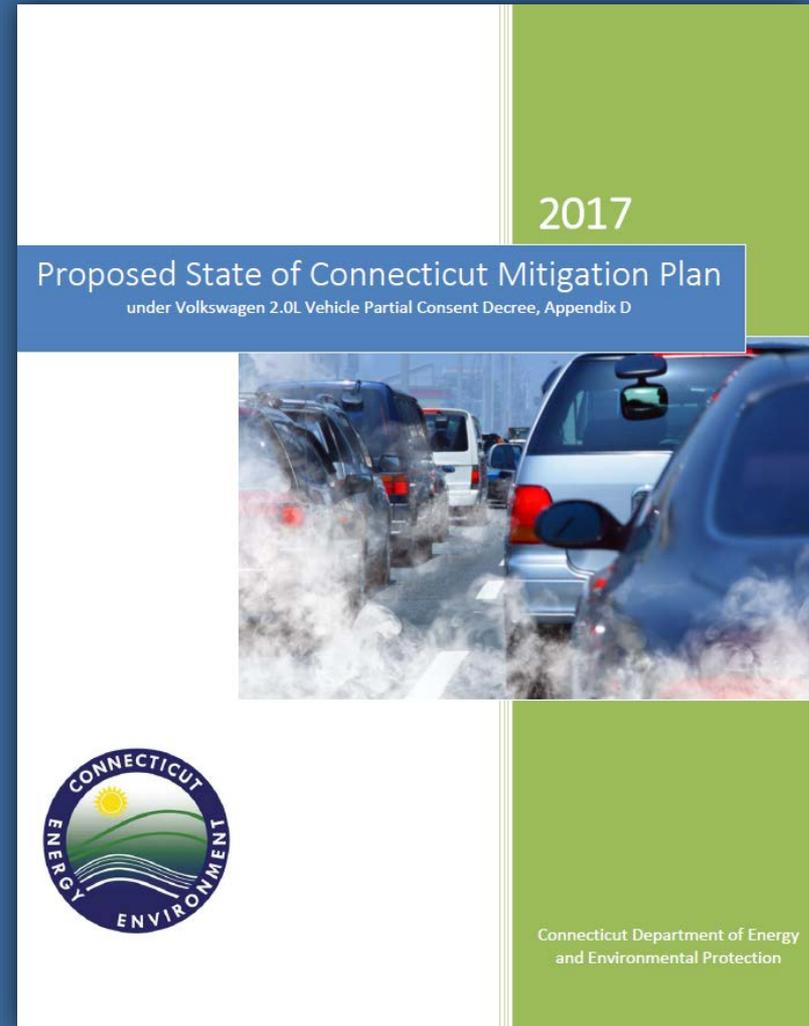
# The Draft Mitigation Plan

## Topics Covered:

- Funding Priorities
- Funding Allocations
- Eligible Project Types
- Anticipated Benefits

Plan Available at:

[www.ct.gov/deep/vw](http://www.ct.gov/deep/vw)



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# VW ZEV Investment - Appendix C

- Cycle 1 National ZEV Investment Plan
  - 30 Month Cycle (April 2017- September 2019)
  - Multistate Network of Chargers
  - 2500 chargers at 450 sites in 38 states
- Connecticut Specific Focus
  - Prioritization of charging on I-95, I-84, and I-91



# Volkswagen – Electrify America Phase 2

## Phase 2: Deadline On or Around October 2019

- Proposal are always accepted regardless of planning cycle

### Project Specifications:

- Shovel ready opportunities/sites
- Projects that request large banks of chargers per location
- Projects that generate large publicity opportunities
- Unique brand neutral educational programs

Submit Proposals at

[www.electrifyamerica.com](http://www.electrifyamerica.com)



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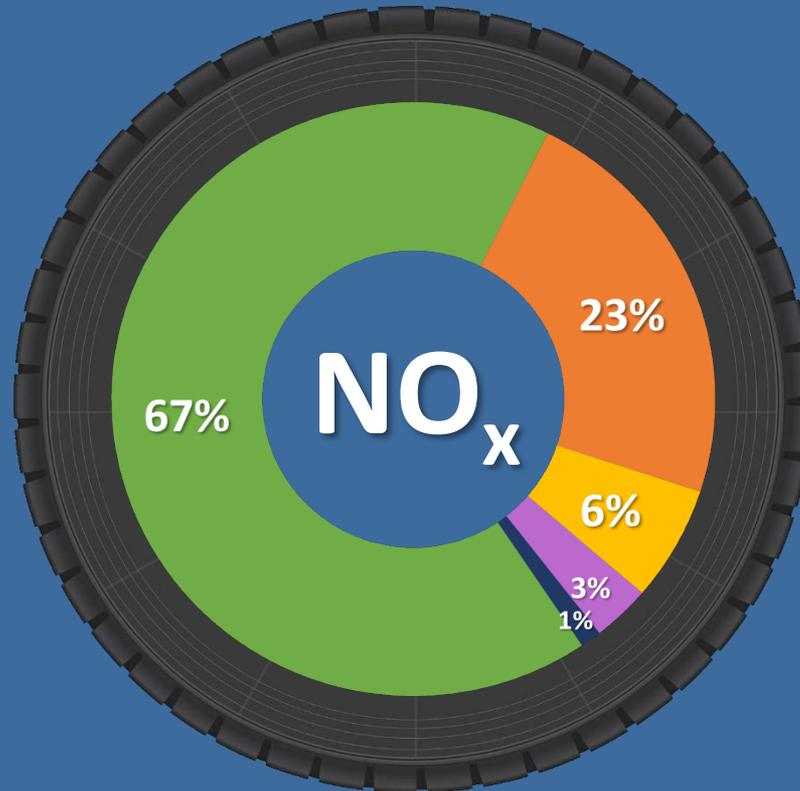
# Regulatory Efforts

- DEEP will be working with DMV on the possible adoption of CARB Aftermarket Parts Regulation
  - Prohibits the sale, advertisement or installation of non-certified parts

|                           | Federal Requirement                                              | CARB AMP Rule                                                                               |
|---------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Allowable Converters      | Used AM, OEM, New AM                                             | OEM, New AM                                                                                 |
| Emissions                 | 70% HC, 70% CO, 30% NOx reductions from current engine emissions | Current certification levels for new vehicles<br><br>No used, recycled, or refurbished CC's |
| Durability                | 25k Miles, 5 Years                                               | 50k Miles, 5 Years                                                                          |
| On-Board Diagnostic (I/M) | No Requirement                                                   | Must be compatible                                                                          |
| Testing                   | Manufacturer Certification                                       | Independent Lab Certification                                                               |

# NO<sub>x</sub> Emissions in CT

Mobile Sources  
account for  
**67%**  
of all NO<sub>x</sub>  
emissions in CT  
(on-road and non-road)



"Other Fuels" is the combination of residential, commercial and industrial fuel use.

NO<sub>x</sub> Data: 2014 National Emissions Inventory (NEI)



# Electric Vehicle Market Update

- [Connecticut Auto Show](#)

- November 17-19
- EV of the Year Award
- EV Champion Award

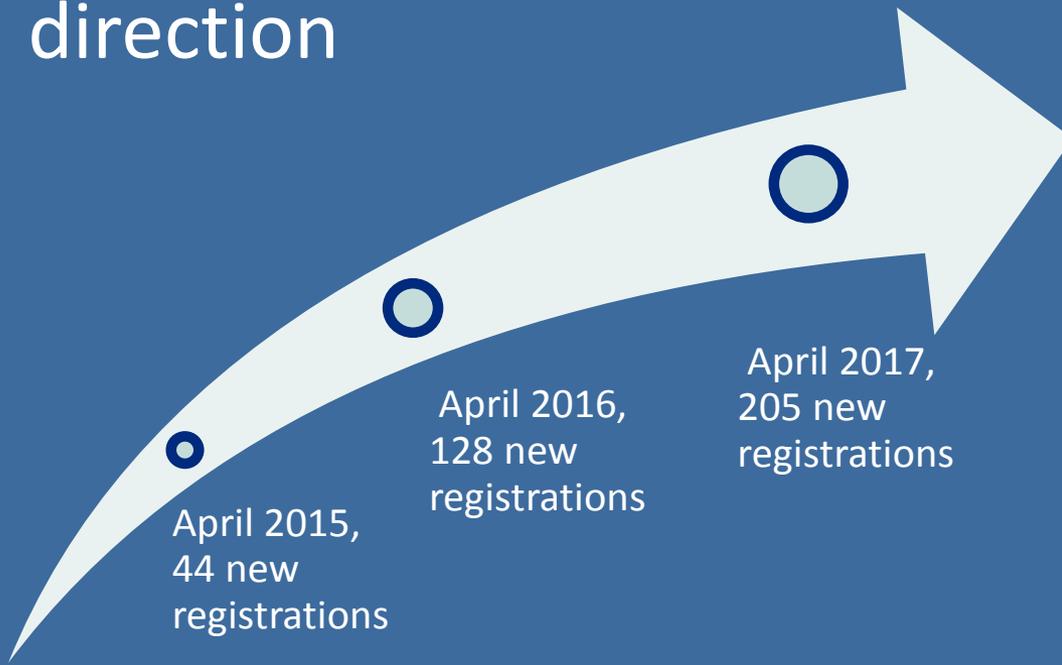
- [CHEAPR Status](#)

- \$4.3 Million and over 2000 EV since May 2015
- New 10 day hard deadline for filing paperwork after purchase
- New Rebate Bins for new technologies
- New Funding - \$2 Million from Avangrid
- Federal Tax Incentive is not included in new budget proposal



# Electric Vehicle Market

Moving in the right direction



| Vehicle Type | Total |
|--------------|-------|
| PHEV         | 3207  |
| BEV          | 2366  |
| FCEV         | 3     |
| Total        | 5576  |

Registered EV's as of September 1, 2017

- Steady Growth
- Strong Interest in New Generation of Vehicles
- Continued CHEAPR Rebates



# Questions?

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