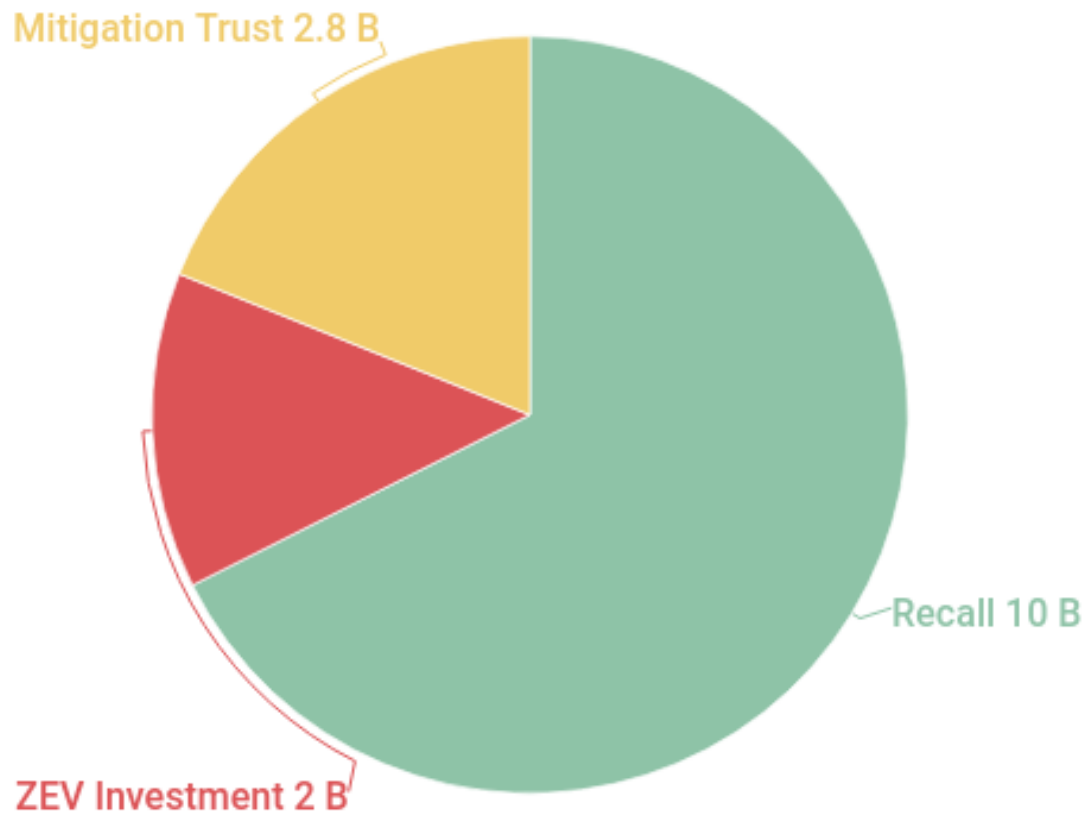


VW Settlement
Illinois' draft Beneficiary Mitigation Plan

Draft BMP

- \$108 Million to Illinois
- Reduce NOx emissions
- Replace old diesel engines
 - New diesel
 - Alternative Fuels
 - Electric, must have access to or include infrastructure
- Flexible
- Can be modified in future
- Accepting Public Comment till April 13

VW Settlement Funds



[A vehicle recall and repair program](#) - \$10 billion to buy back or repair at least 85 percent of the unlawful vehicles.

[Zero Emission Vehicle \(ZEV\) Investment Commitment](#) - \$2 billion to support the use of zero emissions technology such as battery electric vehicles, plug-in hybrid electric vehicles, and fuel cell vehicles and charging infrastructure over the next 10 years.

An [Environmental Mitigation Trust Fund](#) – \$422 million to California and \$2.44 billion to be dispersed to the other states and tribes to fund projects to reduce nitrogen oxide (NO_x) emissions as mitigation for the unlawful emissions.

ZEV

- Community Charging - Chicago
- Long Distance Highway Network - I-80, I-90, I-70, I-24, I-94, I-64, I-39 and I-55

Transportation in Illinois

- the second largest public transportation system,
- the second largest rail system,
- the third largest interstate system,
- the fourth largest highway system, and
- one of the busiest airport systems.
- Large multimodal networks

Eligible Projects

- Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)
- Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)
- Freight Switchers
- Ferries/Tugs
- Ocean Going Vessels (OGV) Shorepower
- Class 4-7 Local Freight Trucks (Medium Trucks)
- Airport Ground Support Equipment
- Forklifts and Port Cargo Handling Equipment
- Light Duty Zero Emission Vehicle Supply Equipment
- Diesel Emission Reduction Act (DERA) Option

For Reference
 Examples of Truck Engine Classes
 Not all Classes are eligible for VW
 Mitigation Funding

Class One: 6,000 lbs. or less



Class Two: 6,001 to 10,000 lbs.



Class Three: 10,001 to 14,000 lbs.



Class Four: 14,001 to 16,000 lbs.



Class Five: 16,001 to 19,500 lbs.



Class Six: 19,501 to 26,000 lbs.



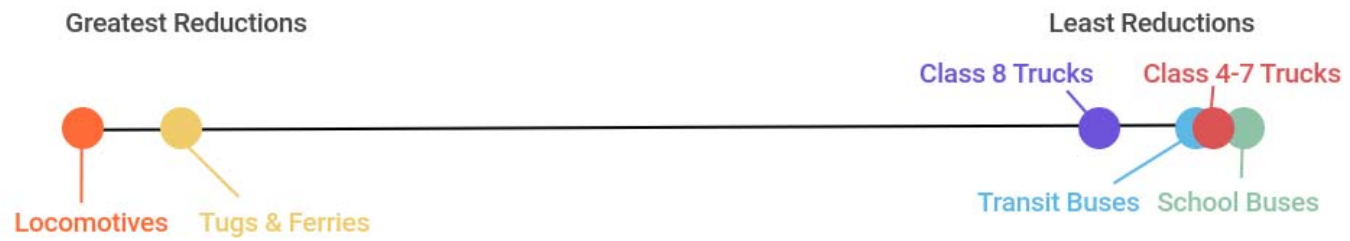
Class Seven: 26,001 to 33,000 lbs.



Class Eight: 33,001 lbs. & over



Engine Type Potential Emission Reductions



Beneficiary Mitigation Plan

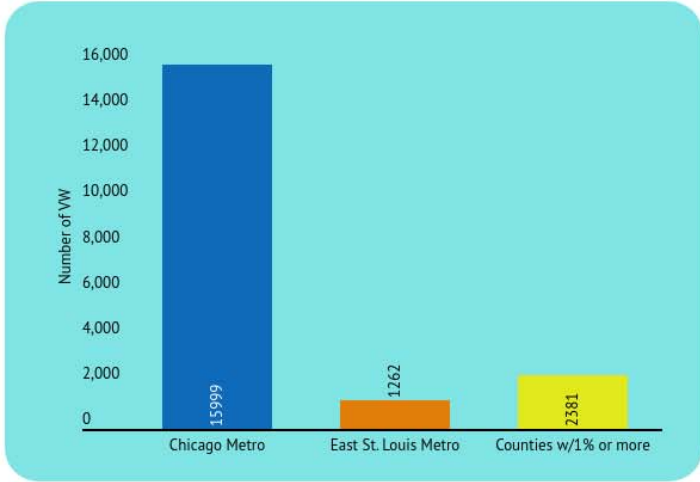
- Goals
- Categories to achieve goals
- Potential beneficial impact on air quality in areas that bear a disproportionate share of the air pollution burden
- Expected ranges of emission benefits
- The process to seek and consider public input

Goals

- 1. Reduce NOx emissions in areas where the affected Volkswagen vehicles are registered while taking into consideration areas that bear a disproportionate share of the air pollution burden, including environmental justice areas;
- 2. Maximize emissions reductions; and
- 3. Maximize and leverage funding.

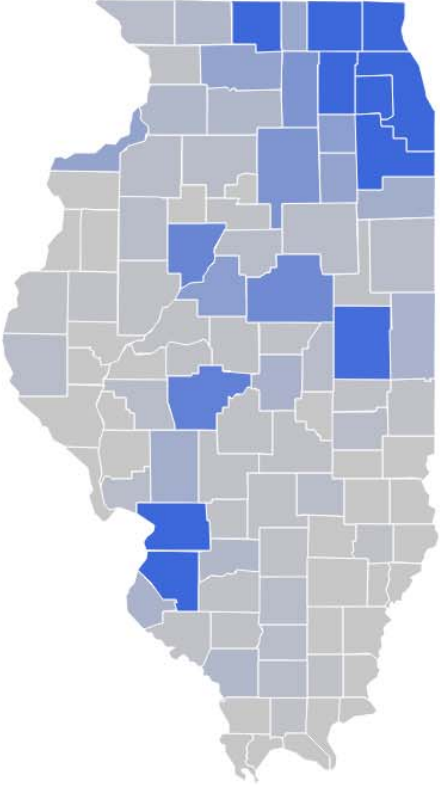
BMP Development

- Where the VW cars were located
- Mobile Source Emissions
- Disproportionate impact
 - Non attainment areas
 - EJ areas



Number of Affected VWs

Affected VW Cars by County



Illinois Ozone Nonattainment Areas



Chicago NAA

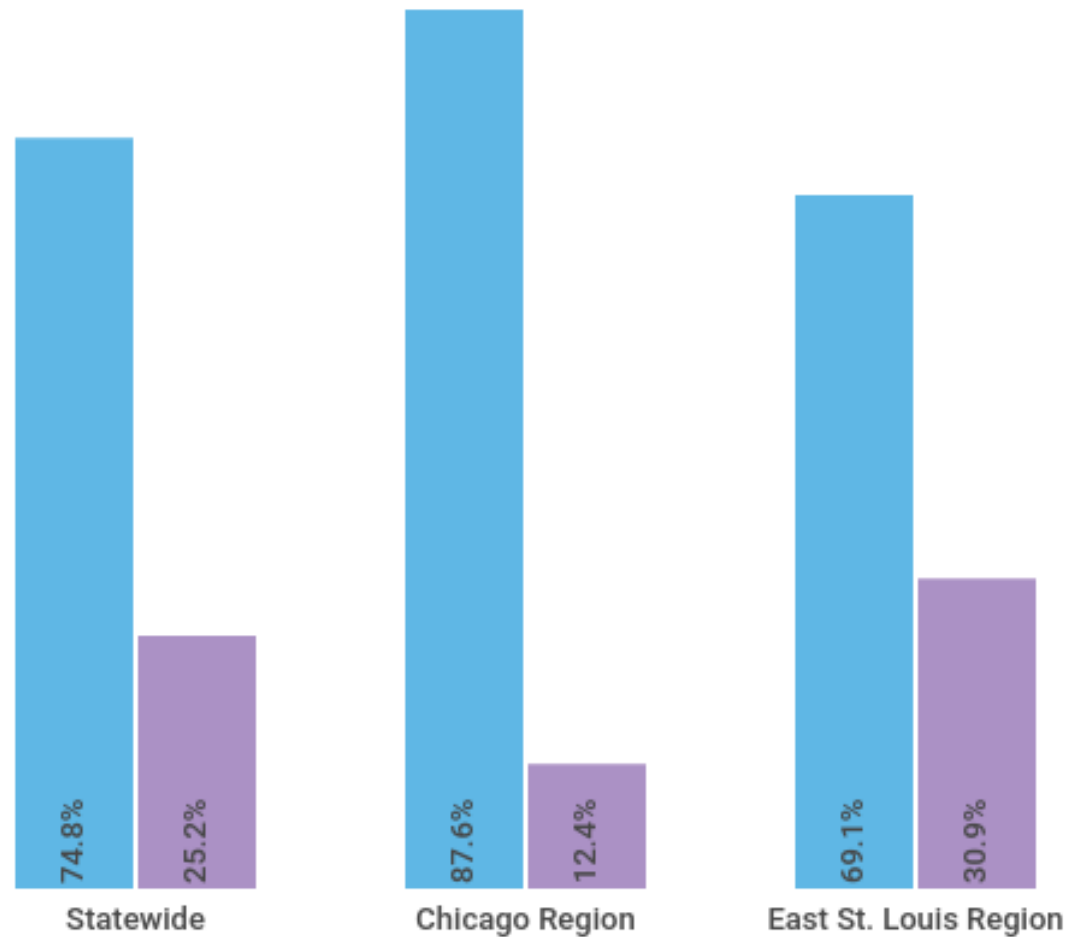
Cook County
DuPage County
Kane County
Lake County
McHenry County
Will County
Oswego Township in Kendall County
Aux Sable & Goose Lake Townships in Grundy County

Metro-East St. Louis NAA

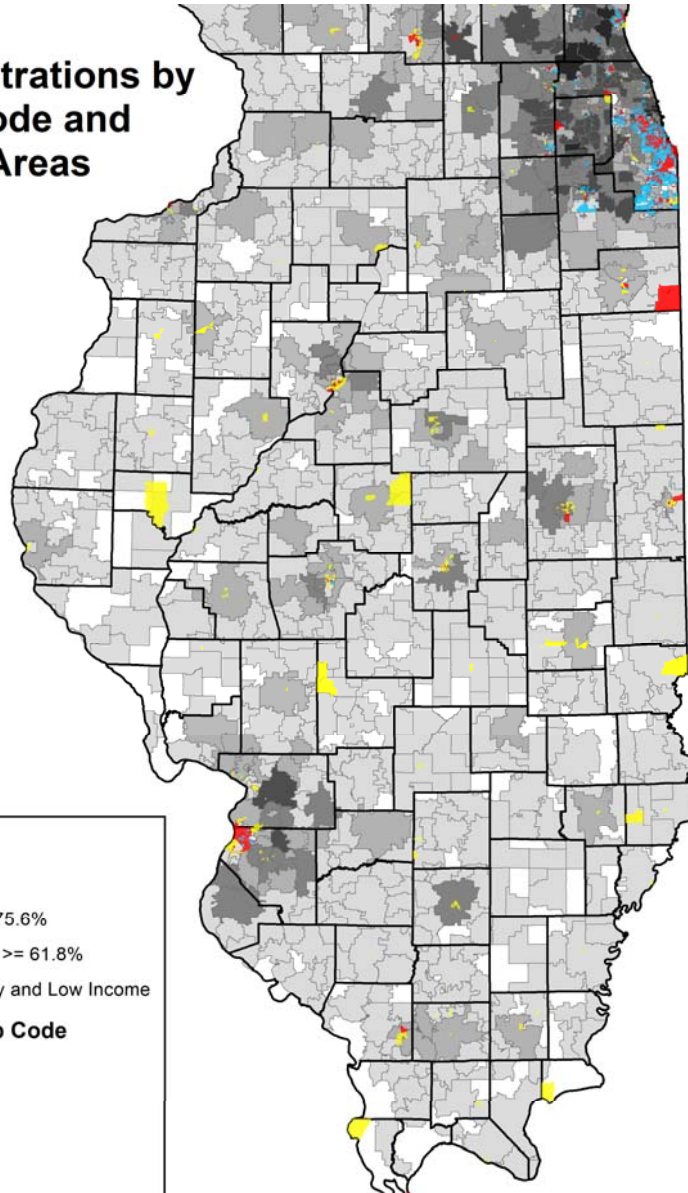
Madison County
Monroe County
St. Clair County



Illinois Emissions Mobile vs Stationary Sources



VW Registrations by Zip Code and EJ Areas



Legend

EJstatus

- Minority $\geq 75.6\%$
- Low Income $\geq 61.8\%$
- Both Minority and Low Income

Vehicles per Zip Code

- 1 - 15
- 16 - 40
- 41 - 77
- 78 - 154

Priority Areas

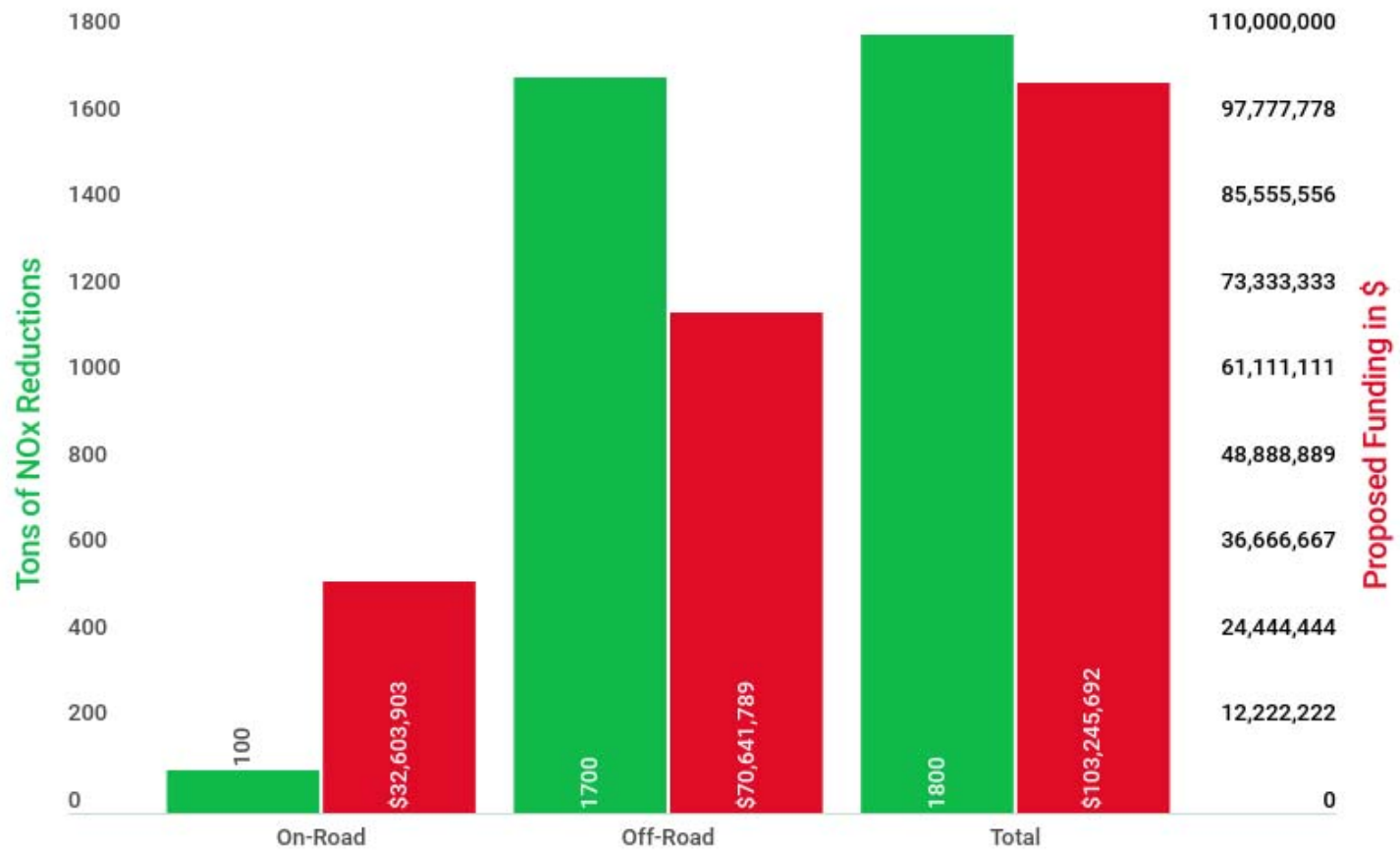
- Chicago Non-attainment area
- Metro-East St. Louis non-attainment area
- Seven Counties that had 1% or more of cars
 - Champaign, DeKalb, LaSalle, McLean, Peoria, Sangamon, Winnebago

Project Categories

- On-road - \$21,735,935
- All-electric school bus - \$10,867,968
- Off-road - \$70,641,789
- For all categories will require electric infrastructure if not available

Cost Share

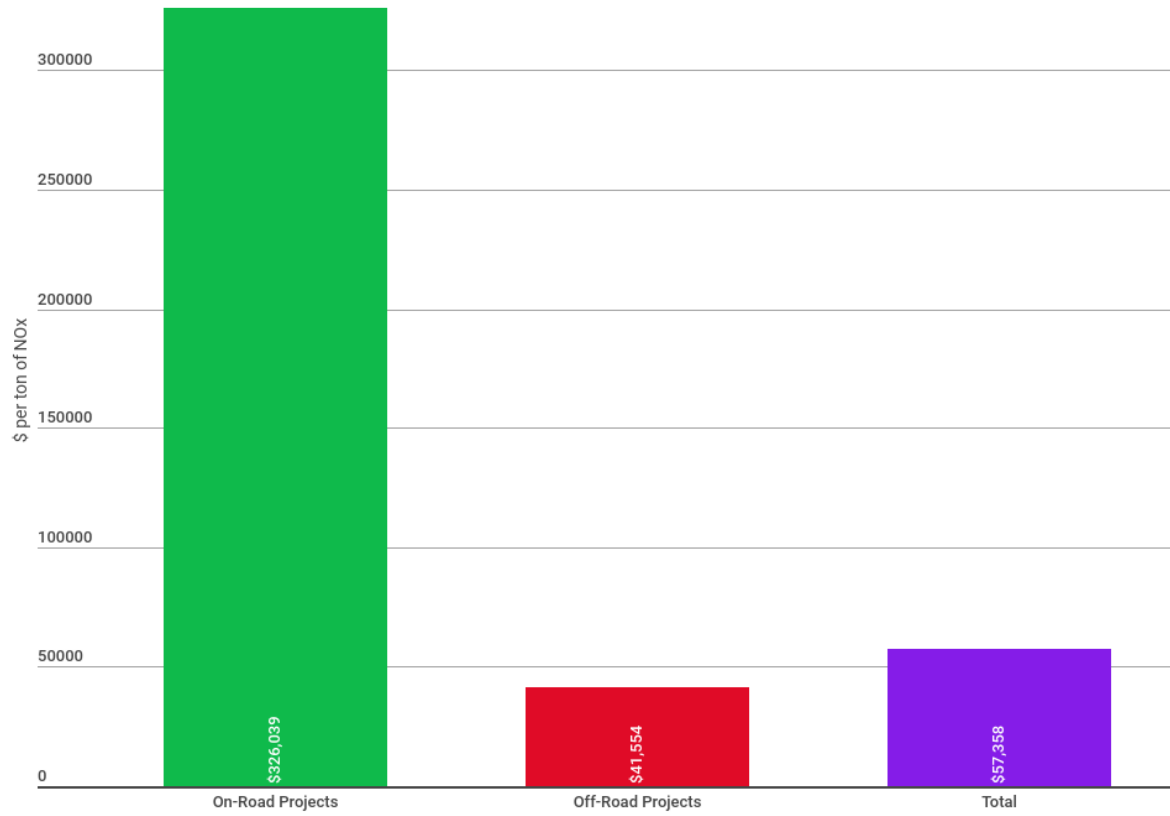
- Public: 25% or higher w/DERA
- Non-Public: 50% or higher as specified by trust or DERA
- To spread the Trust funds to as many projects as possible,

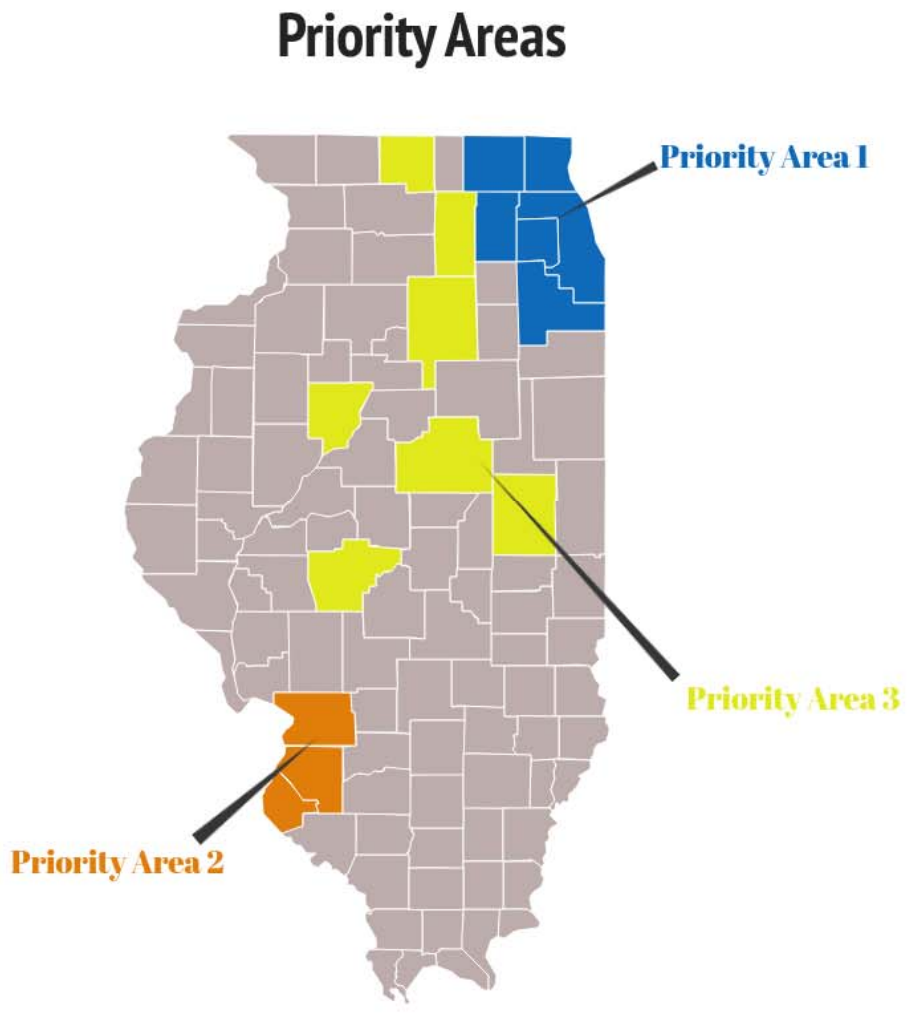
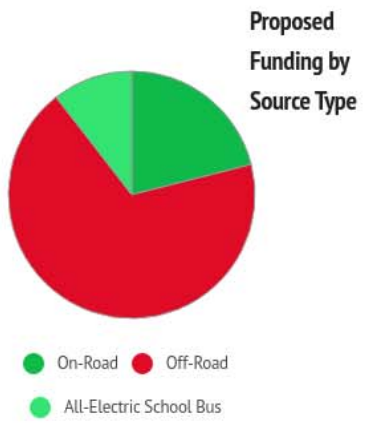
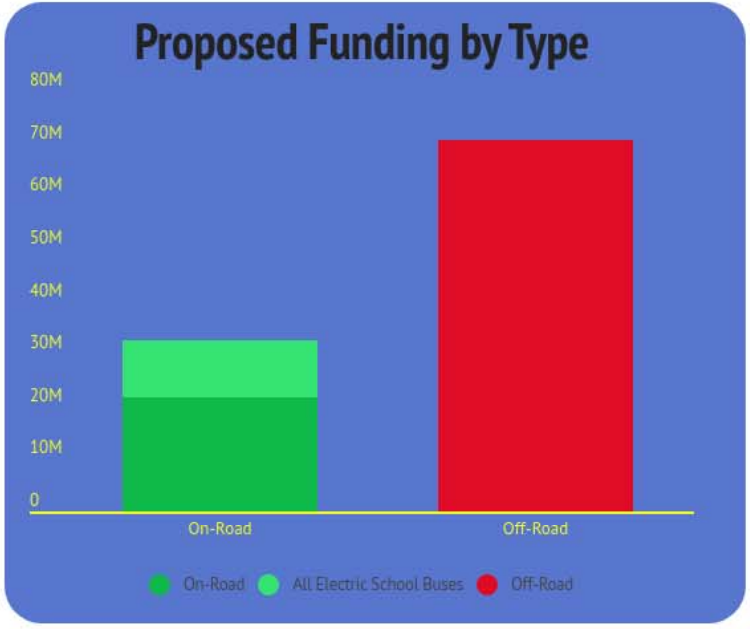


Green indicates the amount of NOx reductions that are expected for the amount of money being spent.

Red indicates the amount of money proposed to be spent by project type.

Estimated Cost to Reduce 1 Ton of NOx





Comments

- Accepting public comments until April 13, 2018
- Survey
 - Projects
 - Priorities
 - Applicant needs

Illinois' Planned BMP Timeline



Resources

- <http://www.epa.illinois.gov/topics/air-quality/vw-settlement/index>
- EPA.VWSettlement@illinois.gov
- <https://www.surveymonkey.com/r/JXCVXWK>
- Brad Frost
Illinois EPA
(217) 782-7027
Brad.frost@illinois.gov