

Source Category	Emission Reduction Strategy	Allowed Expenditure Amount
1. Class 8 local freight trucks & port drayage trucks	Replacement and repair with electric. Electric charging infrastructure costs are eligible expense. Up to 40% for repair with diesel or alternative fuel or up to 75% (up to 100% if government owned) for replacement with diesel or alternative fuel or up to 75% (up to 100% if government owned) for electric replacement. Electric charging infrastructure costs are eligible expense.	Up to 25% for replacement with diesel or alternative fuel or up to 75% (up to 100% if government owned) for electric replacement. Electric charging infrastructure costs are eligible expense.
2. Class 4-8 school bus, shuttle bus or transit bus	Replacement and repair	Same as row 1
3. Freight switching locomotives	Replacement and repair	Same as row 1
4. Ferries/Tugs	Replacement	Same as row 1
5. Ocean-going vessels	Shorepower	Up to 25% for shore side infrastructure if non-government owned (up to 100% if government owned)

A general summary is below. [Click here for comprehensive list and associated definitions.](#)

ELIGIBLE PROJECTS

Submissions must be received by January 31, 2018 and must contain all the information outlined in the "Project Proposals" section of this document.

The State of New Jersey, as a potential beneficiary of the Trust established pursuant to the national Volkswagen settlement, intends to use its allocation from the mitigation trust to efficiently implement projects that reduce oxides of nitrogen (NOx) emissions in a cost effective and technically feasible manner. The implemented projects must meet the criteria of the Consent Decree. New Jersey is issuing this solicitation for project ideas to ensure a broad range of project ideas are considered. Additional opportunities will be provided for public input during the upcoming months.

OVERALL GOAL

PROJECT SOLICITATION

CHRIS CHRISTIE
Governor
KIM GUADAGNO
Lt. Governor

State of New Jersey
Department of Environmental Protection

BOB MARTIN
Commissioner



PROJECT PROPOSALS

Proposals must be submitted by close of business on January 31, 2018. Electronic submittals are preferred and should be sent to VWComments@dep.nj.gov however paper submittals will also be accepted and should be sent to:

NJD&P
 Division of Air Quality
 Mail code 401-02E
 Trenton, NJ 08625-0420
 Attn: VW Settlement

All proposals must contain the following information; incomplete applications will not be considered. If your project is selected, you may be contacted for additional detailed information. Send questions to VWComments@dep.nj.gov

Repower and replacement	6. Class 4-7 local freight trucks Repower and replacement Same as row 1.
Repower and replacement Up to 75% to repower or replace with electric (up to 100% if government owned). Electric charging infrastructure costs are eligible expense.	7. Airport ground support equipment Repower and replacement Up to 75% to repower or replace with electric (up to 100% if government owned). Electric charging infrastructure costs are eligible expense.
Repower and replacement Up to 75% to repower or replace with electric (up to 100% if government owned). Electric charging infrastructure costs are eligible expense.	8. Forklifts and Port Cargo Handling Equipment Repower and replacement Up to 75% to repower or replace with electric (up to 100% if government owned). Electric charging infrastructure costs are eligible expense.
Up to 100% to purchase, install and maintain infrastructure if available to public at <i>government owned</i> property. Up to 80% to purchase, install and maintain infrastructure if available to public at <i>non-government owned</i> property. Up to 60% to purchase, install and maintain infrastructure at a workplace or multi-unit dwelling that is not available to the general public. Up to 33% to purchase, install and maintain infrastructure for publicly available hydrogen dispensing that is high volume or up to 25% for lower volume.	9. Electric vehicle charging stations or hydrogen or fueling stations for light duty vehicles only

To enter information electronically use Adobe Reader

CONTACT INFORMATION

Borough of Wharton	Organization Name
10 Robert St.	Organization Address
Wharton, NJ 07885	City, State Zip Code
Scott Hutchins	Contact Person
Director of Public Works	Title/Position
(973) 361-8444	Phone
shutchins@whartonnj.com	E-mail

PROJECT NAME	Wharton Green Future / Trucks
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PROJECT CATEGORY OR CATEGORIES (choose from 1-9 in "Eligible Projects" section above)	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9
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PROJECT PRIORITY	Priority # 1 of 2 proposals
If submitting more than one proposal, what is the sponsor's priority of this proposal?	

PROJECT BUDGET	\$750,000
Provide total estimated project budget, include source and amount of cost share if applicable.	

PROJECT DESCRIPTION (Briefly describe the project by completing the following questions)	
Geographic area where emissions reductions will occur? Wharton & Mine Hill	
Estimated size of population benefiting from the emission reductions? 10,000	
Estimated useful life of the project? 10 years	
Number of engines/vehicles/vessels/equipment included in the project? 4	
Estimated emission benefits should be expressed in tons per year (TPY) of emission reduced for NOx and for PM 2.5 over the lifetime of the project. Identify methodology used.	Estimated NOx benefits? 0.16 TPY Methodology Used? NJDEP Diesel Quantifier Particulate matter (PM 2.5) benefits? 0.01 TPY Methodology Used? NJDEP Diesel Quantifier
Will the project benefit one or more communities that are disproportionately impacted by air pollution? If so, please describe.	The replacement vehicles are primarily used in the communities of Wharton Borough and Mine Hill. Both Communities have primary schools and Wharton Borough has a senior housing facility.

Two additional pages have been provided as supplemental space to answer any of the questions above.

<p>Project partners, if any? None</p>	<p>Explain how the project will provide cost effective and technically feasible emission reductions. Cost effectiveness should be expressed in dollars per ton per year of emissions reduced for NOx and for PM 2.5.</p> <p>NOx Tons reduced / year 0.1498</p> <p>PM 2.5 0.006957654</p> <p>NJDEP Diesel Quantifier 106,143784.86</p> <p>4,834706.19 Cost Effectiveness \$/ Short Ton</p>	<p>Estimated timeframe for implementation? Include a project timeline that identifies start and end dates, as well as the timeframe for key milestones.</p> <p>Project Implementation 07/02/2018 Truck orders 07/02/2018 Trucks Received 12/31/2018 Project Completion 01/31/2019</p>	<p>Demonstrated success in implementing similar projects?</p> <p>We are involved in a vehicle replacement program of one diesel truck a year for the last three years. Our fleet is aged and the current diesel technology is much better. With this grant we would be able to advance our program by four years and influence our fleet by 20%</p>	<p>If your proposed project involves alternative fuels, provide a demonstration of current or future plans to provide adequate refueling infrastructure.</p> <p>No plan for alternative fuels</p>	<p>Has your organization been approved to receive and expend any other grant funds related to this project? If so, please provide details.</p> <p>No</p> <p>Please provide any additional information that supports this project.</p> <p>The trucks used for the cost estimate are single axle dump trucks equipped with snow plows and salters/sanders. The model make and model of the truck chassis we have been using is Freightliner 108SD</p>
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State of New Jersey

Department of Environmental Protection

BOB MARTIN
Commissioner

CHRIS CHRISTIE
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PROJECT SOLICITATION

OVERALL GOAL

The State of New Jersey, as a potential beneficiary of the Trust established pursuant to the national Volkswagen settlement, intends to use its allocation from the mitigation trust to efficiently implement projects that reduce oxides of nitrogen (NOx) emissions in a cost effective and technically feasible manner. The implemented projects must meet the criteria of the Consent Decree. New Jersey is issuing this solicitation for project ideas to ensure a broad range of project ideas are considered. Additional opportunities will be provided for public input during the upcoming months.

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ELIGIBLE PROJECTS

A general summary is below. [Click here for comprehensive list and associated definitions.](#)

Source Category	Emission Reduction Strategy	Allowed Expenditure Amount
1. Class 8 local freight trucks & port drayage trucks	Repair and replacement	Up to 40% for repair with diesel or alternative fuel or up to 75% (up to 100% if government owned) for repair with electric. Electric charging infrastructure costs are eligible expense.
2. Class 4-8 school bus, shuttle bus or transit bus	Repair and replacement	Same as row 1
3. Freight switching locomotives	Repair and replacement	Same as row 1
4. Ferries/Tugs	Repair	Same as row 1
5. Ocean-going vessels	Shorepower	Up to 25% for shore side infrastructure if non-government owned (up to 100% if government owned)

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PROJECT PROPOSALS

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Repower and replacement	7. Airport ground support equipment	Up to 75% to repower or replace with electric (up to 100% if government owned). Electric charging infrastructure costs are eligible expense.
Repower and replacement	8. Forklifts and Port Cargo Handling Equipment	Up to 75% to repower or replace with electric (up to 100% if government owned). Electric charging infrastructure costs are eligible expense.
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CONTACT INFORMATION

Borough of Wharton	Organization Name
10 Robert St.	Organization Address
Wharton, NJ 07885	City, State Zip Code
Scott Hutchins	Contact Person
Director of Public Works	Title/Position
(973) 361-8444	Phone
shutchins@whartonnj.com	E-mail

PROJECT NAME	
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PROJECT CATEGORY OR CATEGORIES (choose from 1-9 in "Eligible Projects" section above)

1 2 3 4 5 6 7 8 9

PROJECT PRIORITY Priority # 2 of 2 proposals

If submitting more than one proposal, what is the sponsor's priority of this proposal?

PROJECT BUDGET \$ 20,000.00

Provide total estimated project budget, include source and amount of cost share if applicable.

\$20,000

PROJECT DESCRIPTION (Briefly describe the project by completing the following questions)

Geographic area where emissions reductions will occur? 5sq. miles Wharton & Mine Hill

Estimated size of population benefitting from the emission reductions? 10,000

Estimated useful life of the project? 20 yrs.

Number of engines/vehicles/vessels/equipment included in the project? 0

Estimated emission benefits should be expressed in tons per year (TPY) of emission reduced for NOx and for PM 2.5 over the lifetime of the project. Identify methodology used.

Estimated NOx benefits? 0.00 TPY

Methodology Used?

Particulate matter (PM 2.5) benefits? 0.00 TPY

Methodology Used?

Will the project benefit one or more communities that are disproportionately impacted by air pollution? If so, please describe.

Yes. By placing public EV charging stations in our public parking lot, it will encourage residents to purchase EVs and put us on the map for those EV owners travelling through our area.

Two additional pages have been provided as supplemental space to answer any of the questions above.

<p>Project partners, if any? None</p>	<p>Explain how the project will provide cost effective and technically feasible emission reductions. Cost effectiveness should be expressed in dollars per ton per year of emissions reduced for NOx and for PM 2.5. N/A</p>	<p>Estimated timeframe for implementation? Include a project timeline that identifies start and end dates, as well as the timeframe for key milestones. 07/01/2018 implementation 07/01/2019 Completion</p>	<p>Demonstrated success in implementing similar projects? We frequently take advantage of NJDOT grant opportunities and always complete the projects on time.</p>	<p>If your proposed project involves alternative fuels, provide a demonstration of current or future plans to provide adequate refueling infrastructure. This project would be the alternative fueling structure that would lead to the potential of the purchase of EV's for municipal use.</p>	<p>Has your organization been approved to receive and expend any other grant funds related to this project? If so, please provide details. No</p>	<p>Please provide any additional information that supports this project. The project is based on rough estimates not specific equipment purchase.</p>
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