



# State of New Jersey

Department of Environmental Protection

CHRIS CHRISTIE  
Governor

BOB MARTIN  
Commissioner

KIM GUADAGNO  
Lt. Governor

## 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.

Submissions must be received by November 27, 2017 and must contain all the information outlined in the “Project Proposals” section of this document.

### ELIGIBLE PROJECTS

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

Source Category	Emission Reduction Strategy	Allowed Expenditure Amount
<b>1. Class 8 local freight trucks &amp; port drayage trucks</b>	Repower and replacement	Up to 40% for repower with diesel or alternative fuel or up to 75% (up to 100% if government owned) for repower with electric. 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.
<b>2. Class 4-8 school bus, shuttle bus or transit bus</b>	Repower and replacement	Same as row 1
<b>3. Freight switching locomotives</b>	Repower and replacement	Same as row 1
<b>4. Ferries/Tugs</b>	Repower	Same as row 1
<b>5. Oceangoing vessels</b>	Shorepower	Up to 25% for shore side infrastructure if non-government owned (up to 100% if government owned)

<b>6. Class 4-7 local freight trucks</b>	Repower and replacement	Same as row 1.
<b>7. Airport ground support equipment</b>	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.
<b>8. Forklifts and Port Cargo Handling Equipment</b>	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.
<b>9. Electric vehicle charging stations or hydrogen fueling stations for light duty vehicles only</b>		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.

## PROJECT PROPOSALS

Proposals must be submitted by close of business on November 27, 2017. Electronic submittals are preferred and should be sent to [VWComments@dep.nj.gov](mailto:VWComments@dep.nj.gov) however paper submittals will also be accepted and should be sent to:

NJDEP  
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](mailto:VWComments@dep.nj.gov)

To enter information electronically use Adobe Reader

### CONTACT INFORMATION

Organization Name	Rutgers the State Univesity of New Jersey
Organization Address	33 Knightsbridge RD.
City, State Zip Code	08854
Contact Person	Michael Kornitas
Title/Position	Director Sustainability and Energy
Phone	(848) 445-3726
E-mail	michael.kornitas@rutgers.edu

<b>PROJECT NAME</b>	University Wide Charging Stations
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<b>PROJECT CATEGORY OR CATEGORIES</b> (choose from 1-9 in "Eligible Projects" section above)
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 <input checked="" type="checkbox"/>

<b>PROJECT PRIORITY</b> Priority # 1 of 2 proposals If submitting more than one proposal, what is the sponsor's priority of this proposal?
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<b>PROJECT BUDGET</b> Provide total estimated project budget, include source and amount of cost share if applicable. \$1,000,000 dollars
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<b>PROJECT DESCRIPTION</b> (Briefly describe the project by completing the following questions)
Geographic area where emissions reductions will occur? New Brunswick, Newark, Camden, & State
Estimated size of population benefitting from the emission reductions?
Estimated useful life of the project? 20 years
Number of engines/vehicles/vessels/equipment included in the project? 100
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? 12.41 TPY Methodology Used? See attached Particulate matter (PM 2.5) benefits? TPY Methodology Used?
Will the project benefit one or more communities that are disproportionately impacted by air pollution? If so, please describe. Yes, reductions in New Brunswick, Newark, and, Camden

<p>Project partners, if any?</p> <p>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>\$1,000,000/68 lb/day=\$14705/lb/day</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>Charging stations installed 1 yr from funding</p>
<p>Demonstrated success in implementing similar projects?</p> <p>See attached EV Charging Station Proposal for St Paul/Minneapolis Metropolitan Area</p>
<p>If your proposed project involves alternative fuels, provide a demonstration of current or future plans to provide adequate refueling infrastructure.</p> <p>N/A</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>See attached</p>

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





To enter information electronically use Adobe Reader

### CONTACT INFORMATION

Organization Name	Rutgers University
Organization Address	33 Knightsbridge Rd
City, State Zip Code	Piscataway, NJ 08854
Contact Person	Michael Kornitas
Title/Position	Director Sustainability and Energy
Phone	(848) 445-3726
E-mail	michael.kornitas@rutgers.edu

<b>PROJECT NAME</b>	Rutgers Facilities Truck and Bus Replacement
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<b>PROJECT CATEGORY OR CATEGORIES</b> (choose from 1-9 in "Eligible Projects" section above)
1 <input checked="" 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 <input type="checkbox"/>

<b>PROJECT PRIORITY</b> Priority # 2 of 2 proposals If submitting more than one proposal, what is the sponsor's priority of this proposal?
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<b>PROJECT BUDGET</b> Provide total estimated project budget, include source and amount of cost share if applicable. \$625,000
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<b>PROJECT DESCRIPTION</b> (Briefly describe the project by completing the following questions)
Geographic area where emissions reductions will occur? <b>New Brunswick, Camden, Newark</b>
Estimated size of population benefitting from the emission reductions?
Estimated useful life of the project? <b>10 Yrs</b>
Number of engines/vehicles/vessels/equipment included in the project? <b>15</b>
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? <b>TPY</b> Methodology Used? Particulate matter (PM 2.5) benefits? <b>TPY</b> Methodology Used?
Will the project benefit one or more communities that are disproportionately impacted by air pollution? If so, please describe. <b>New Brunswick, Camden, Newark</b>

Project partners, if any?

N/A

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 NO<sub>x</sub> and for PM 2.5.

Estimated timeframe for implementation? Include a project timeline that identifies start and end dates, as well as the timeframe for key milestones.

2 yrs

Demonstrated success in implementing similar projects?

If your proposed project involves alternative fuels, provide a demonstration of current or future plans to provide adequate refueling infrastructure.

Has your organization been approved to receive and expend any other grant funds related to this project? If so, please provide details.

No

Please provide any additional information that supports this project.

Rutgers University has about 15 vehicles, including small busses and a flatbed tow truck that qualifies for the program. Th university would look to replace these vehicles brand new more efficient vehicles

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



Supplemental Page 1

Here are a list of some of the vehicles

2012 SG31781 FORD F-550 28 PASS BUS NB 1FDGF5GT6CEC02354 19,517  
2008 SG30010 FORD E-350 12 PASS BUS NB 1FD3E35P68B56307 159,728  
2009 SG29363 FORD E450 25 First Transit 1FDDE45PDA26884 45,259  
2012 SG31779 FORD E350 First Transit 1FDEE3FL8CDB21894 33,102  
2012 SG31595 FORD E350 First Transit 1FDEE3FL9CDB18955  
2011 SG30354 FORD E550 25 First Transit 1FDF5GY1BED06728 26,115  
2006 SG26797 CHEVY C5500 RU-CAM First Transit 1GDE5V12X6F410990 98,608  
2010 SG29840 FORD E350 RU-CAM First Transit 1FDDE4FP6ADA3312 94,170  
2011 SG30583 CHEV-GLAVEL TITAN 4500 23 PASS BUS First Transit 1GB6G5BG8B  
76261 55,344

Vehicle Name: Veh # 8572 Flat Bed

Vehicle Type: Medium/Heavy Duty

Year: 2000

Make: International

Model: 4700

Engine: 7.6 L 466 CID L6 International DT466 Diesel

